

DRAFT of Analysis of CORDEX Africa Climate data for Burkina Faso and Kenya

DFG RU Climate Change & Health

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E.2.8	GCM IPSL-IPSL-CM5A-MR / RCM RCA4	870
E.2.9	GCM MIROC-MIROC5 / RCM RCA4	873
E.2.10	GCM MIROC-MIROC5 / RCM REMO2009	876
E.2.11	GCM MOHC-HadGEM2-ES / RCM CCLM4-8-17	879
E.2.12	GCM MOHC-HadGEM2-ES / RCM RACMO22T	882
E.2.13	GCM MOHC-HadGEM2-ES / RCM RCA4	885
E.2.14	GCM MOHC-HadGEM2-ES / RCM REMO2009	888
E.2.15	GCM MPI-M-MPI-ESM-LR / RCM CCLM4-8-17	891
E.2.16	GCM MPI-M-MPI-ESM-LR / RCM RCA4	894
E.2.17	GCM MPI-M-MPI-ESM-LR / RCM REMO2009	897
E.2.18	GCM NCC-NorESM1-M / RCM RCA4	900
E.2.19	GCM NOAA-GFDL-GFDL-ESM2M / RCM RCA4	903
E.3	Kenya / RCP 2.6	906
E.3.1	GCM IPSL-IPSL-CM5A-LR / RCM REMO2009	906
E.3.2	GCM MIROC-MIROC5 / RCM RCA4	909
E.3.3	GCM MIROC-MIROC5 / RCM REMO2009	912

E.3.4	GCM MOHC-HadGEM2-ES / RCM RACMO22T	915
E.3.5	GCM MOHC-HadGEM2-ES / RCM RCA4	918
E.3.6	GCM MOHC-HadGEM2-ES / RCM REMO2009	921
E.3.7	GCM MPI-M-MPI-ESM-LR / RCM RCA4	924
E.3.8	GCM MPI-M-MPI-ESM-LR / RCM REMO2009	927
E.3.9	GCM NCC-NorESM1-M / RCM RCA4	930
E.3.10	GCM NOAA-GFDL-GFDL-ESM2G / RCM REMO2009	933
E.4	Kenya / RCP 8.5	936
E.4.1	GCM CCCma-CanESM2 / RCM RCA4	936
E.4.2	GCM CNRM-CERFACS-CNRM-CM5 / RCM CCLM4-8-17	939
E.4.3	GCM CNRM-CERFACS-CNRM-CM5 / RCM RCA4	942
E.4.4	GCM CSIRO-QCCCE-CSIRO-Mk3-6-0 / RCM RCA4	945
E.4.5	GCM ICHEC-EC-EARTH / RCM RACMO22T	948
E.4.6	GCM ICHEC-EC-EARTH / RCM RCA4	951
E.4.7	GCM IPSL-IPSL-CM5A-LR / RCM REMO2009	954
E.4.8	GCM IPSL-IPSL-CM5A-MR / RCM RCA4	957
E.4.9	GCM MIROC-MIROC5 / RCM RCA4	960
E.4.10	GCM MIROC-MIROC5 / RCM REMO2009	963
E.4.11	GCM MOHC-HadGEM2-ES / RCM CCLM4-8-17	966
E.4.12	GCM MOHC-HadGEM2-ES / RCM RACMO22T	969
E.4.13	GCM MOHC-HadGEM2-ES / RCM RCA4	972
E.4.14	GCM MOHC-HadGEM2-ES / RCM REMO2009	975
E.4.15	GCM MPI-M-MPI-ESM-LR / RCM CCLM4-8-17	978
E.4.16	GCM MPI-M-MPI-ESM-LR / RCM RCA4	981
E.4.17	GCM MPI-M-MPI-ESM-LR / RCM REMO2009	984
E.4.18	GCM NCC-NorESM1-M / RCM RCA4	987
E.4.19	GCM NOAA-GFDL-GFDL-ESM2M / RCM RCA4	990

1 Introduction

Here I show an analysis of climate projections that were done in the CORDEX (co-ordinated downscaling experiment, <https://cordex.org/>) project.

The CORDEX project defines various regions in the world, among them Africa, which are then used by regional climate models (RCM) to downscale the results of global climate models (GCM)¹ runs that were done in the context of CMIP5.

I use all the data that are available in the local, CORDEX dark repository maintained at PIK. The resolution is $0.44^\circ \times 0.44^\circ$. To get a feel of what data is available please use the search at

<https://esgf-data.dkrz.de/search/cordex-dkrz/> and pick the AFR-44 domain.

I analyzed five variables: soil water (mrso), precipitation (pr), average near-surface temperature (tas), maximal near-surface temperature (tasmax) and minimal near-surface temperature (tasmin). In particular I looked at the two RCPs, RCP 2.6 and RCP 8.5, for the time slices 2020 .. 2049 and 2060 .. 2089. In addition, I give the difference between the time slices, i.e. 2060 .. 2089 – 2020 .. 2049.

The original data is daily, and for mrso I condense the data to annual means, for pr to annual sums, and for the temperatures I calculate the annual means of the respective daily timelines.

For each GCM / RCM model combination I calculate the mean of the annual time line

$$\bar{x} = \frac{1}{n_t} \sum_{t=1}^{n_t} x_t$$

and the standard deviation (version with Bessel's correction)

$$\sigma = \sqrt{\frac{1}{n_t - 1} \sum_{t=1}^{n_t} (x_t - \bar{x})^2},$$

which is a measure of the annual fluctuation, at each grid point. Because I chose 30 year time slices, $n_t = 30$. Thus there is a map² $\bar{x}(\phi, \lambda)$ and $\sigma(\phi, \lambda)$ for each GCM/RCM combination, time slice and RCP. I also plot the difference between the time slices.

Since the individual model results might not be of so much interest for our project, I put these plots into the appendices. In the main section, on the other hand, I plot statistics across all the models. Instead of doing statistics across time I now do statistics across the maps $\bar{x}(\phi, \lambda)$ and $\sigma(\phi, \lambda)$ from the models. For both types of maps I calculate again the mean and the standard deviation. In this case the mean

¹Technically GCM stands for *general circulation model*.

² ϕ is the latitude and λ is the longitude.

gives the projection of the whole ensemble, while the standard deviation is a measure of model disagreement. In determining the statistics across models, all models are weighted equally (*model democracy*).

2 Soil moisture

2.1 Burkina Faso / RCP 2.6

Figure 1: Model mean (10 models) of annual means, RCP 2.6, 2020 .. 2049

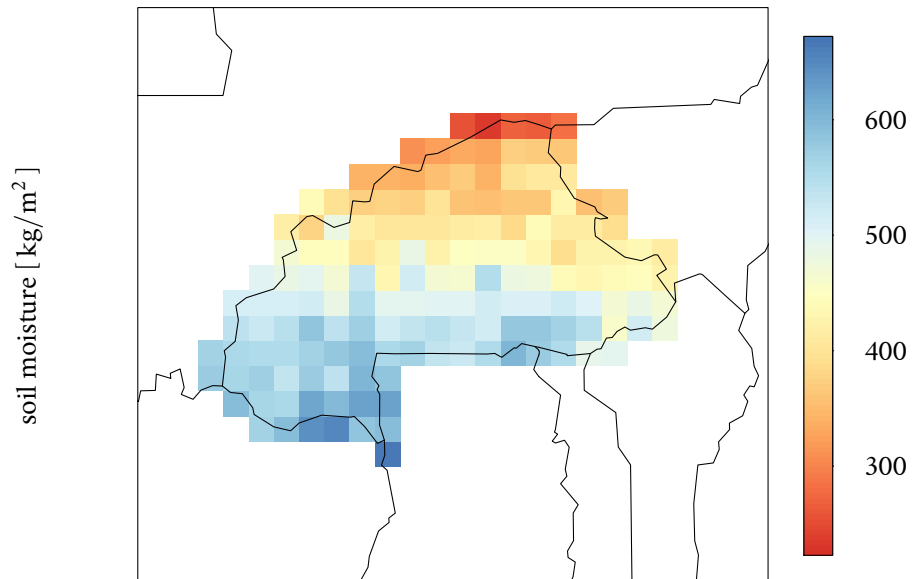


Figure 2: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2020 .. 2049

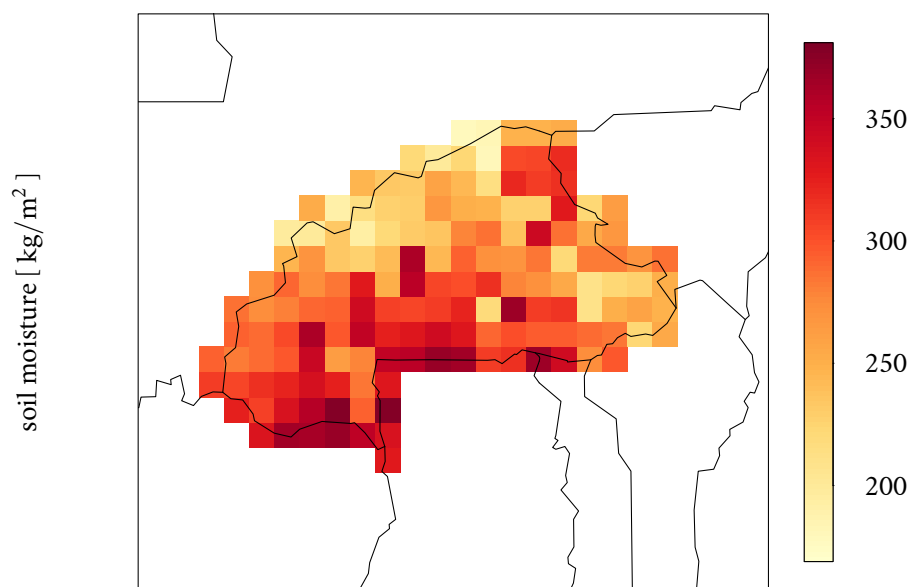


Figure 3: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

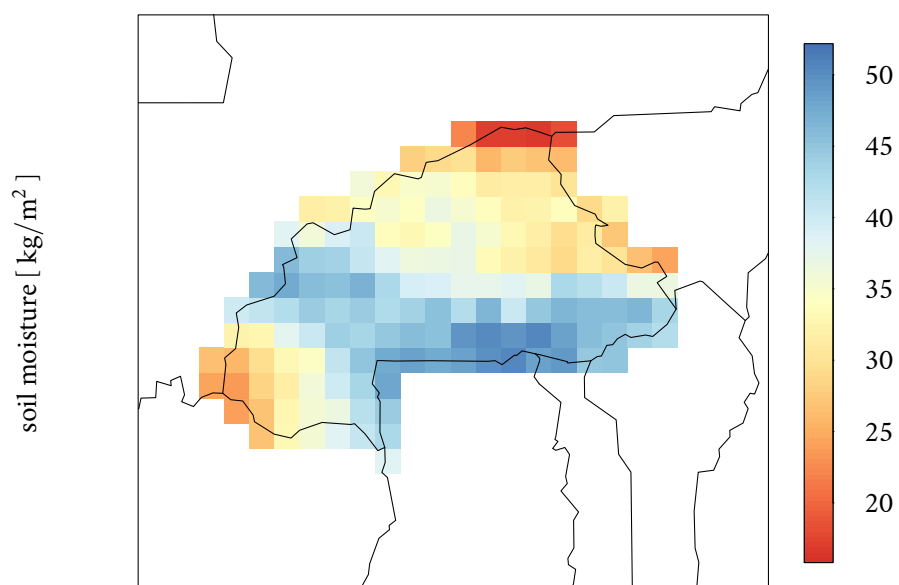


Figure 4: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

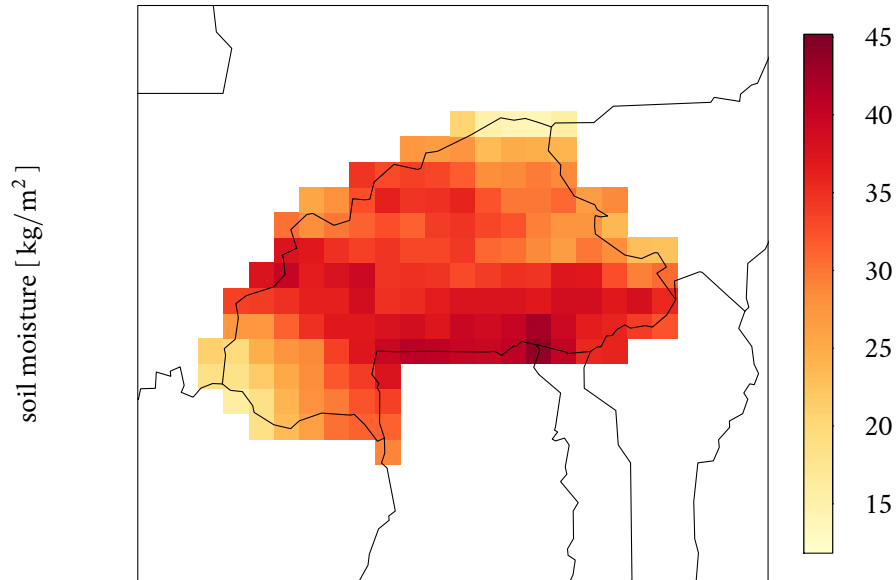


Figure 5: Model mean (10 models) of annual means, RCP 2.6, 2060 .. 2089

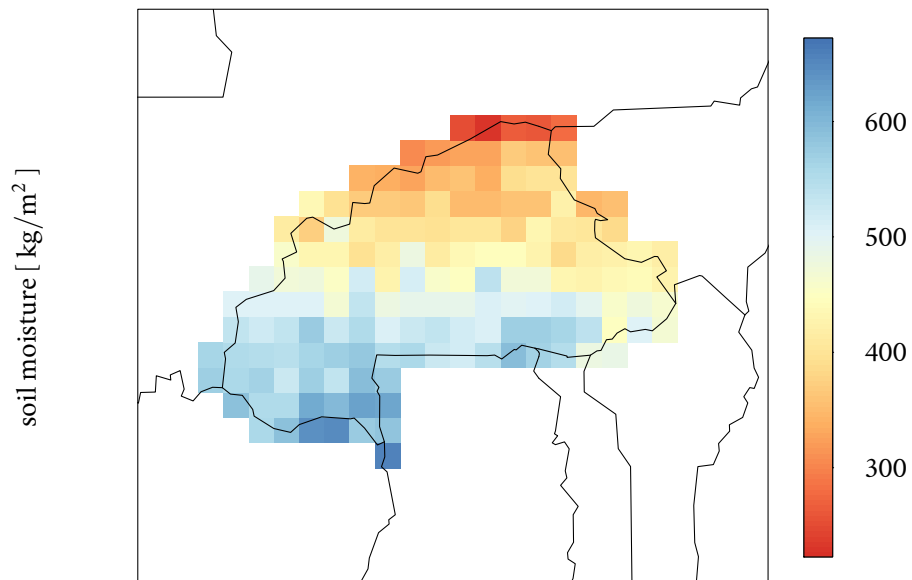


Figure 6: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2060 .. 2089

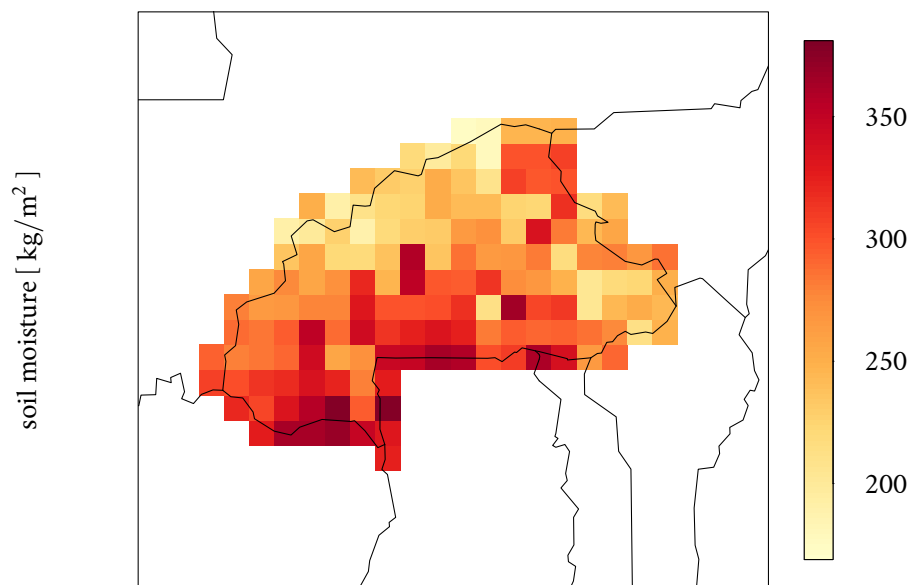


Figure 7: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

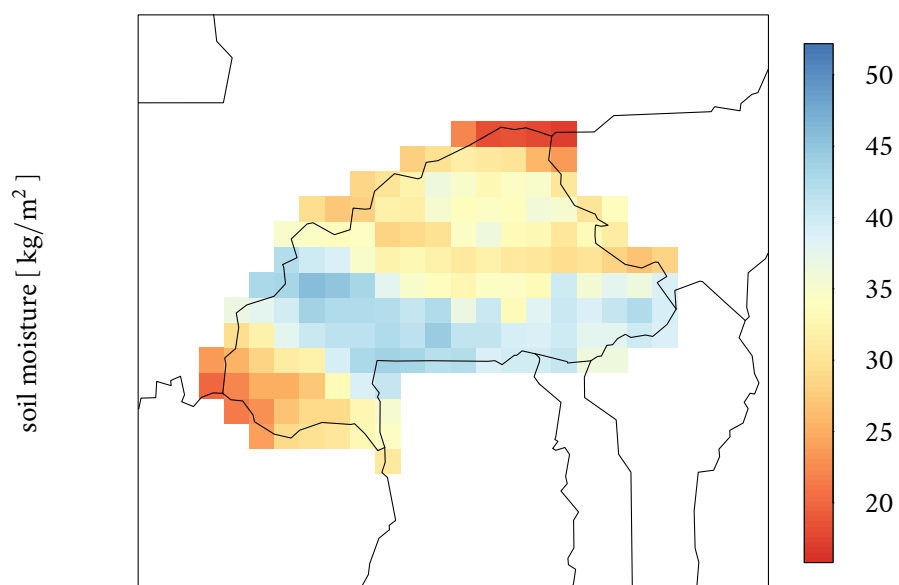


Figure 8: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

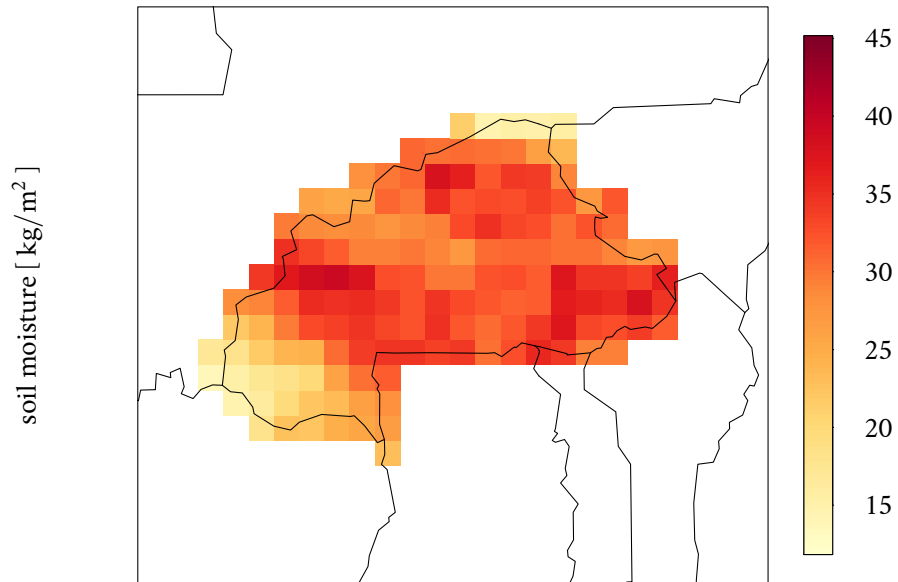


Figure 9: Time slice difference in mean across models of mean, RCP 2.6, 2060 .. 2089 — 2020 .. 2049

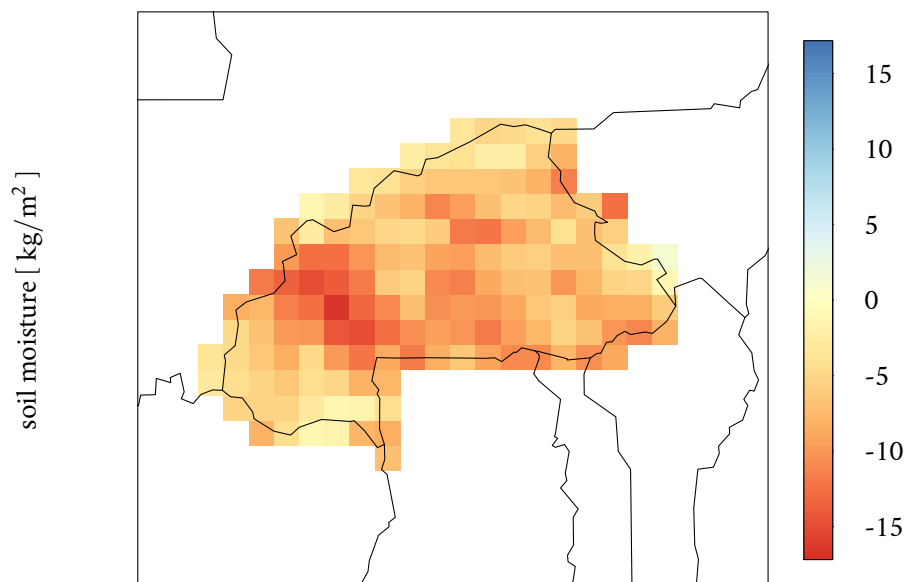
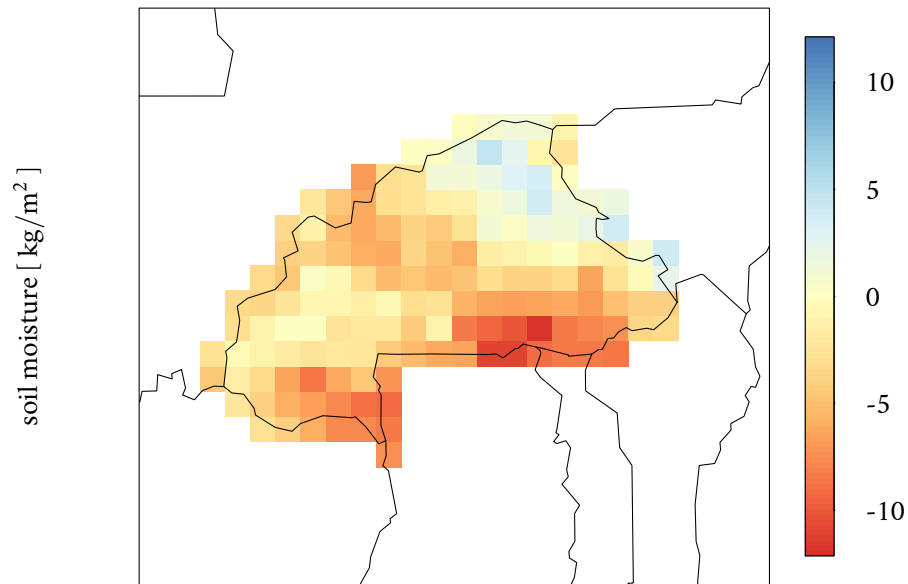


Figure 10: Time slice difference in mean across models of standard deviation, RCP 2.6, 2060 .. 2089 – 2020 .. 2049



2.2 Burkina Faso / RCP 8.5

Figure 11: Model mean (19 models) of annual means, RCP 8.5, 2020 .. 2049

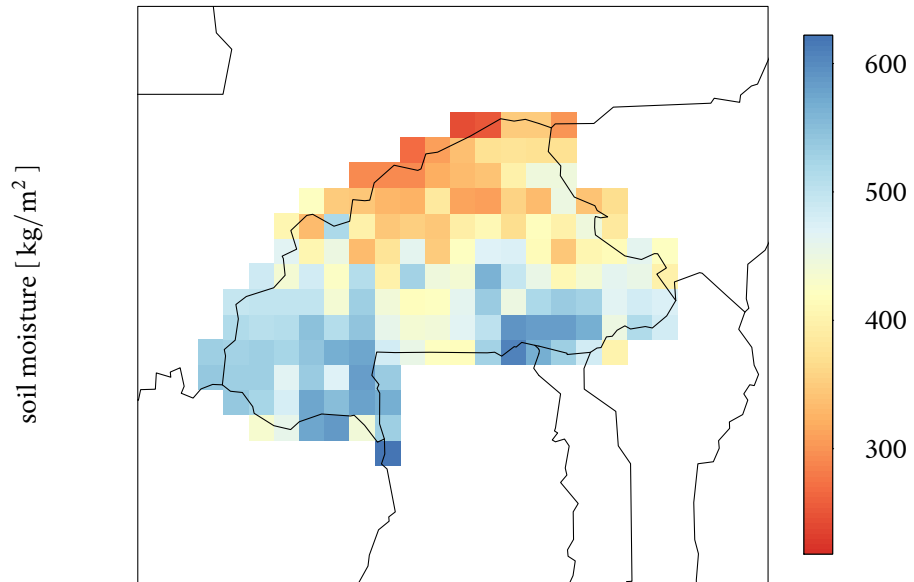


Figure 12: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2020 .. 2049

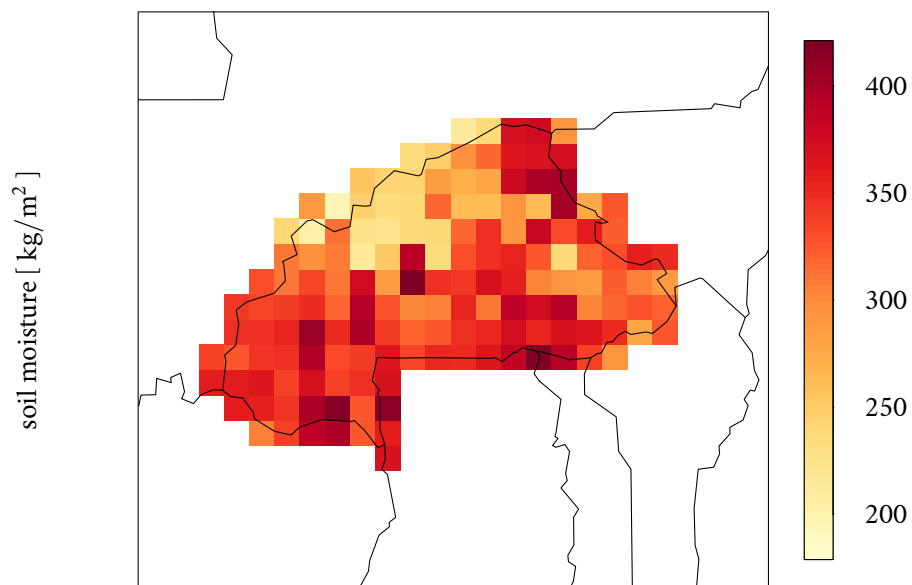


Figure 13: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

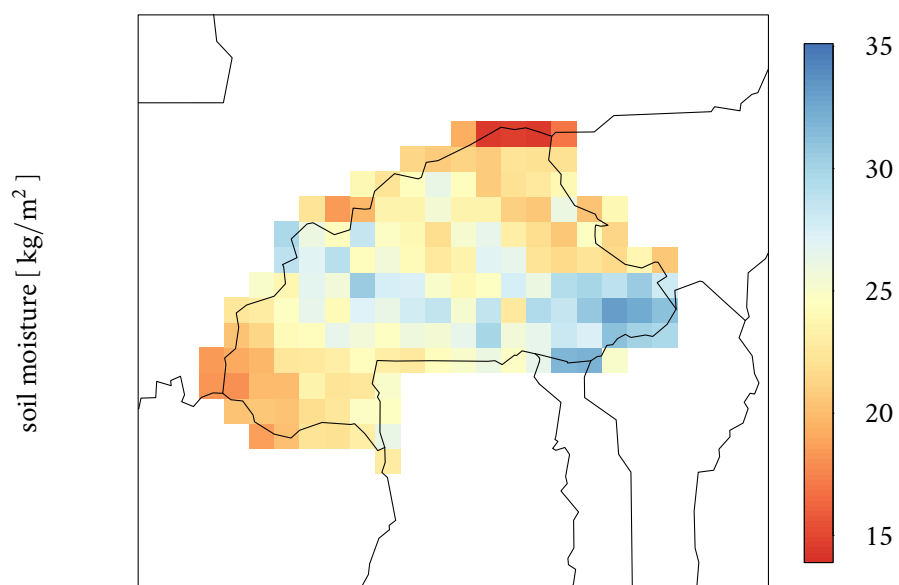


Figure 14: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

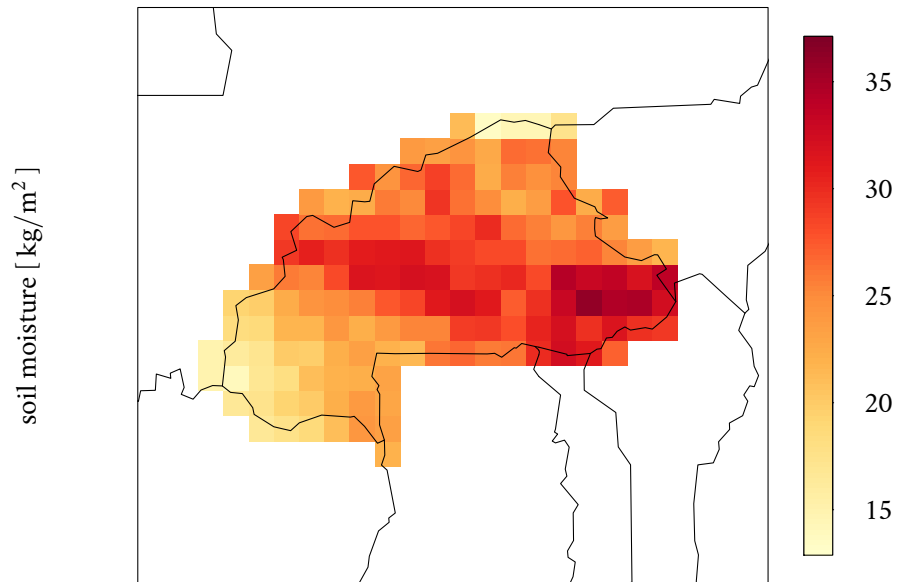


Figure 15: Model mean (19 models) of annual means, RCP 8.5, 2060 .. 2089

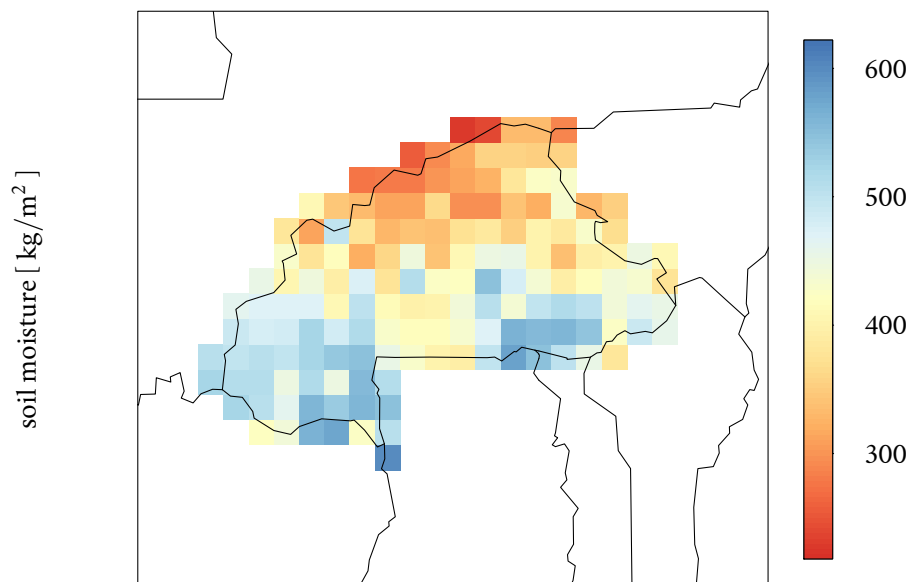


Figure 16: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2060 .. 2089

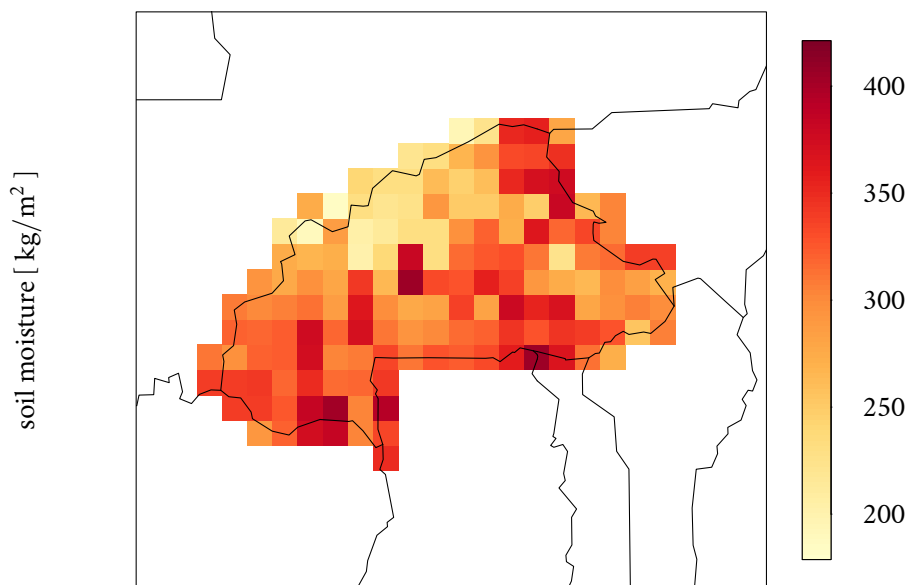


Figure 17: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

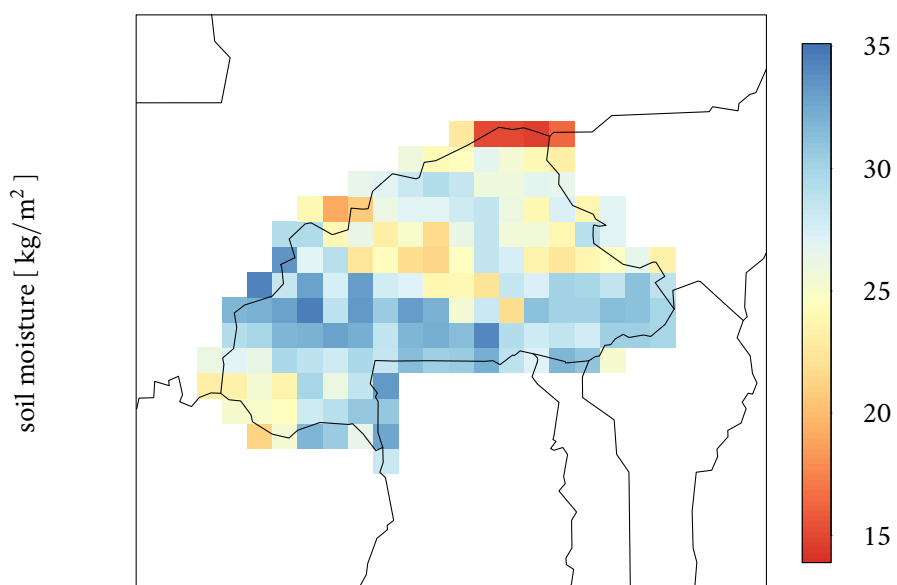


Figure 18: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

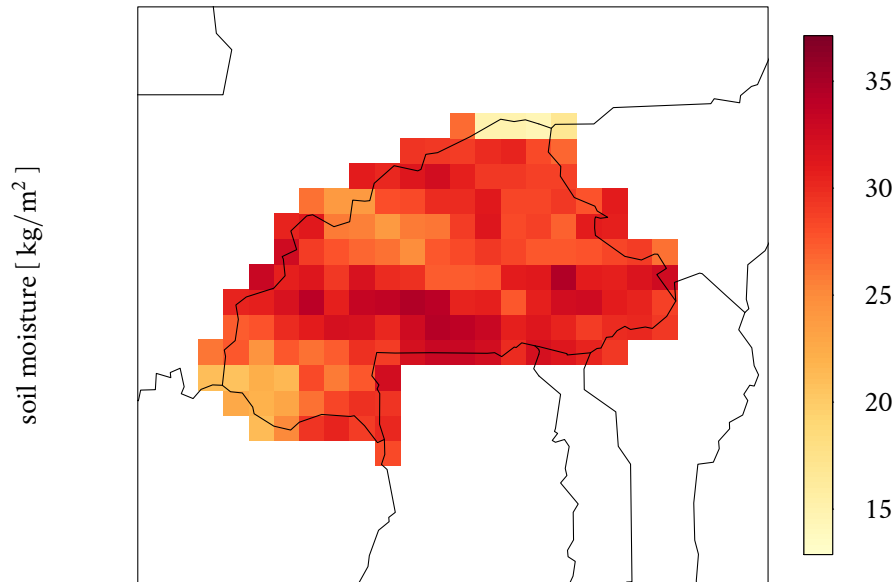


Figure 19: Time slice difference in mean across models of mean, RCP 8.5, 2060 .. 2089 – 2020 .. 2049

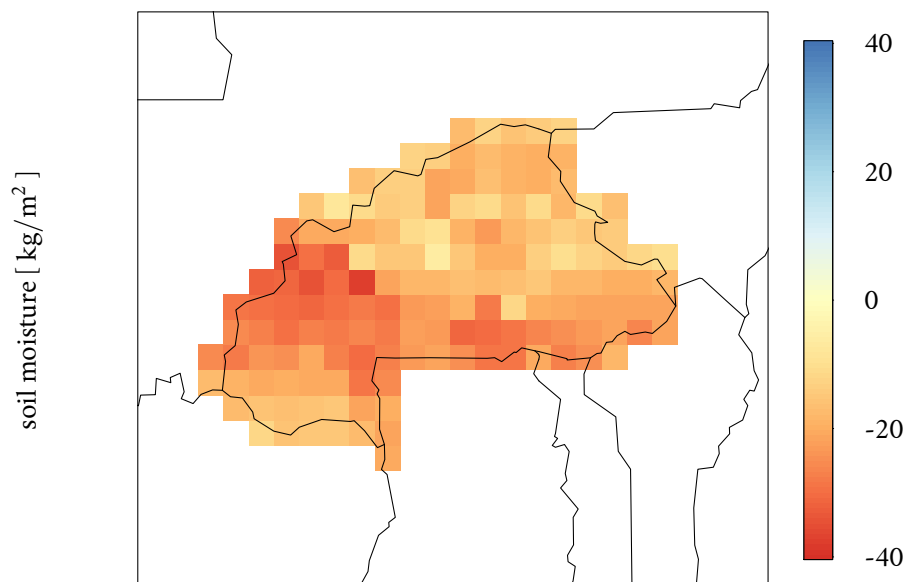
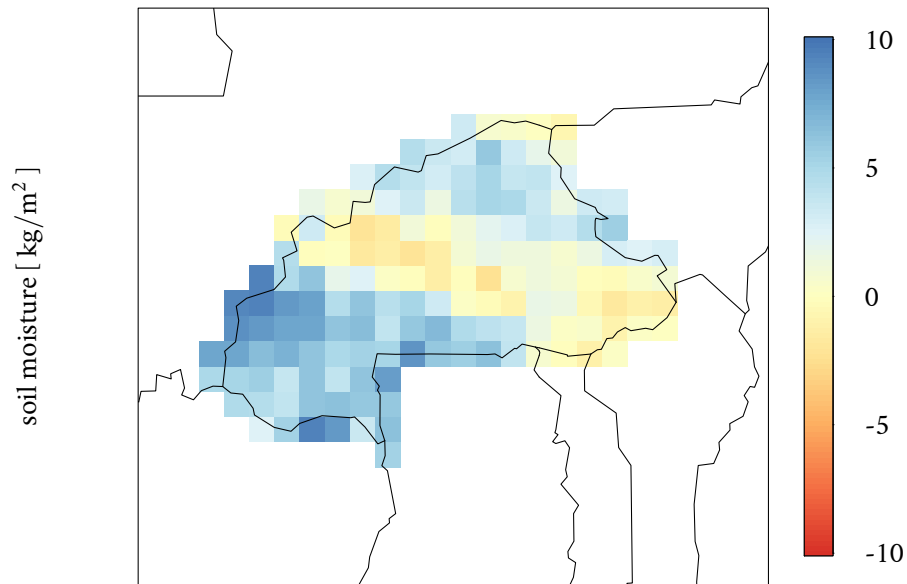


Figure 20: Time slice difference in mean across models of standard deviation, RCP 8.5, 2060 .. 2089 – 2020 .. 2049



2.3 Kenya / RCP 2.6

Figure 21: Model mean (10 models) of annual means, RCP 2.6, 2020 .. 2049

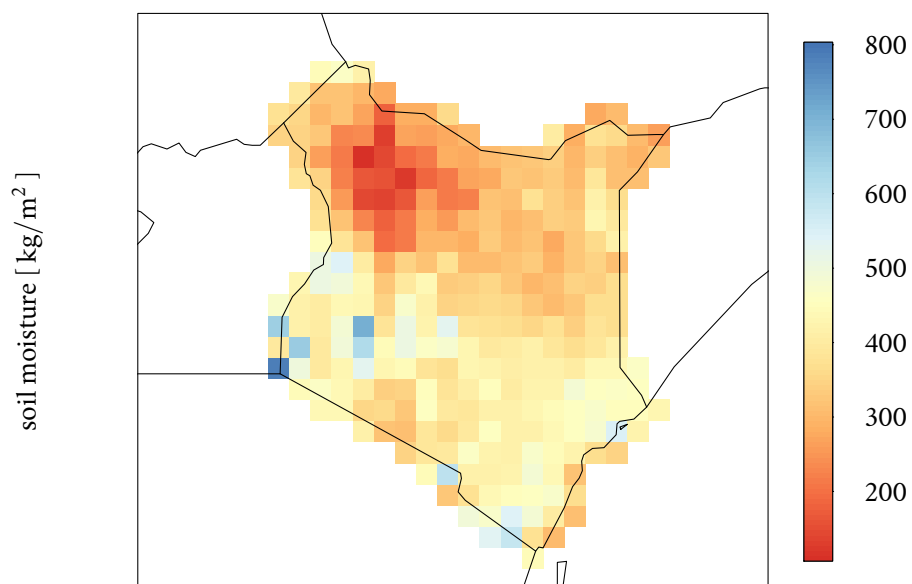


Figure 22: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2020 .. 2049

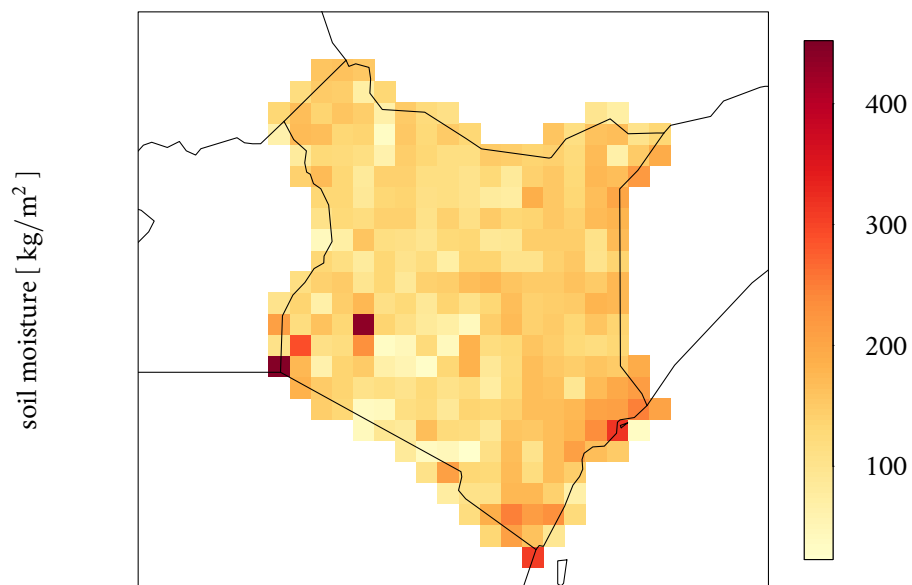


Figure 23: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

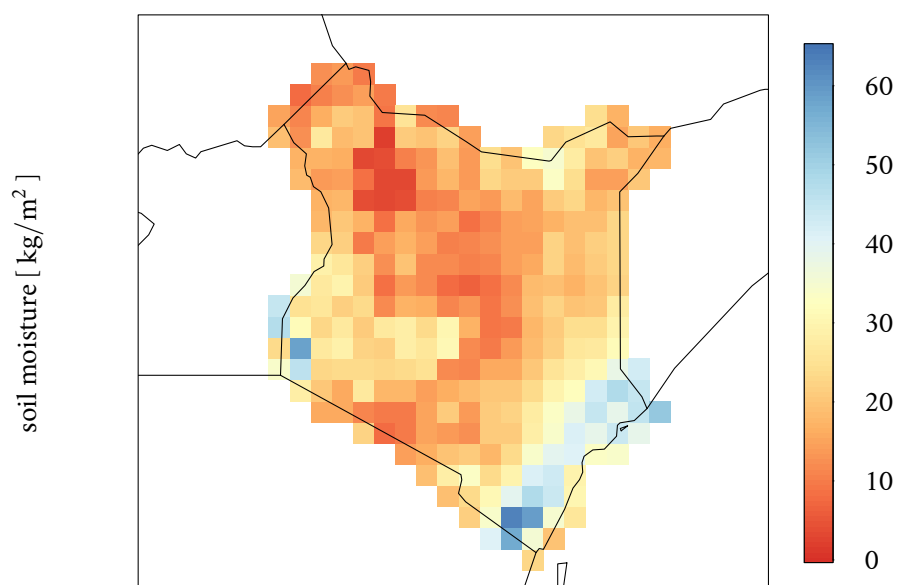


Figure 24: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

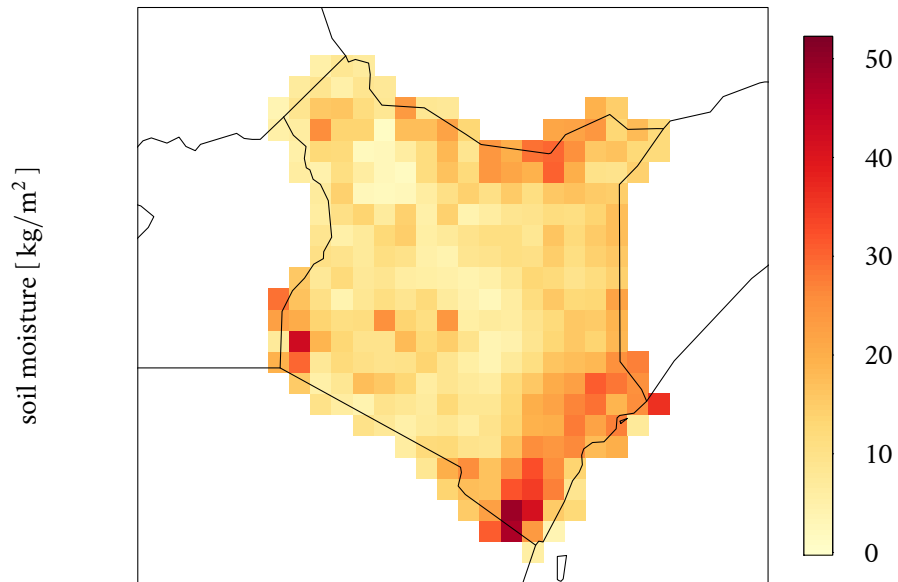


Figure 25: Model mean (10 models) of annual means, RCP 2.6, 2060 .. 2089

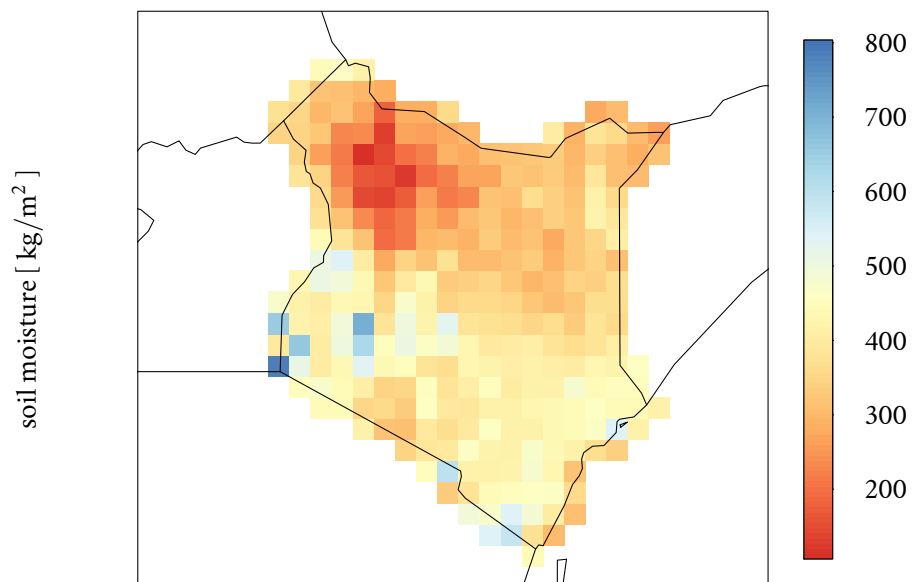


Figure 26: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2060 .. 2089

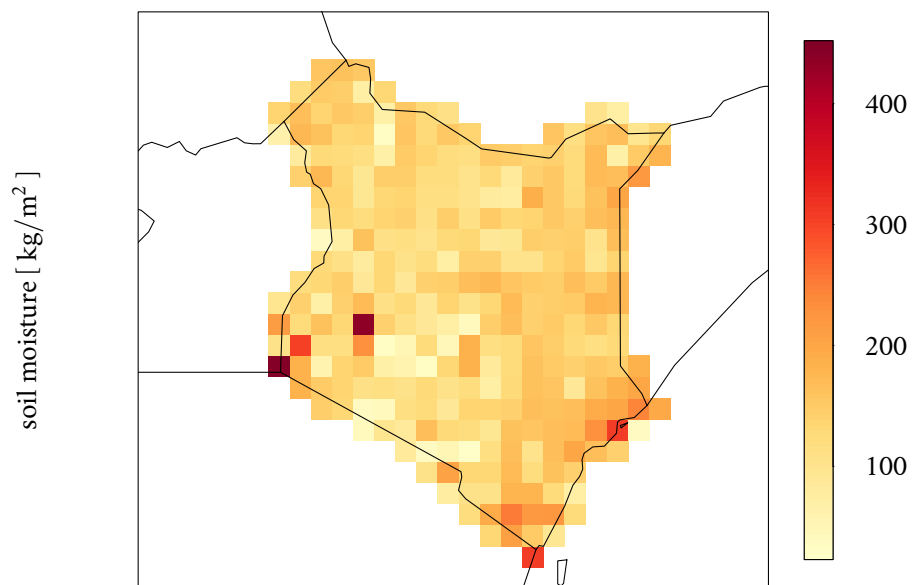


Figure 27: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

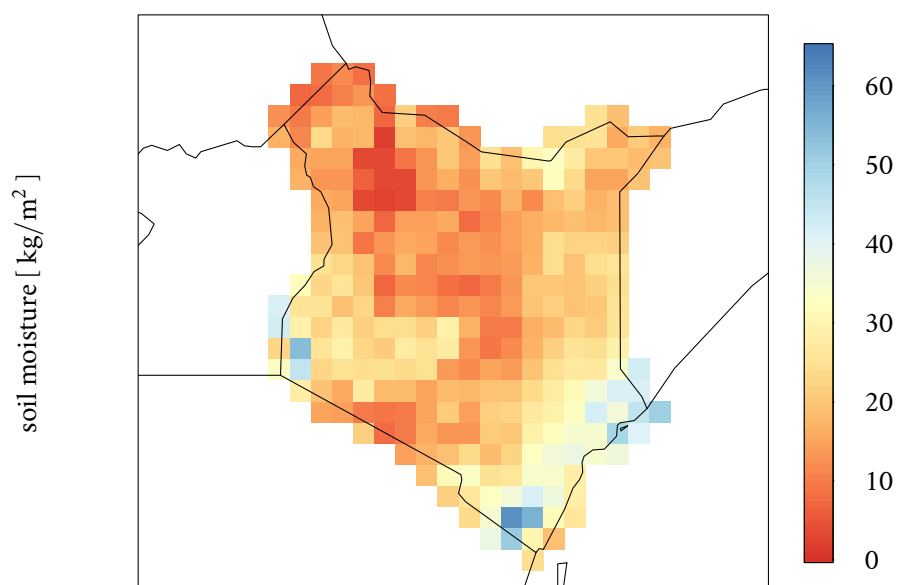


Figure 28: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

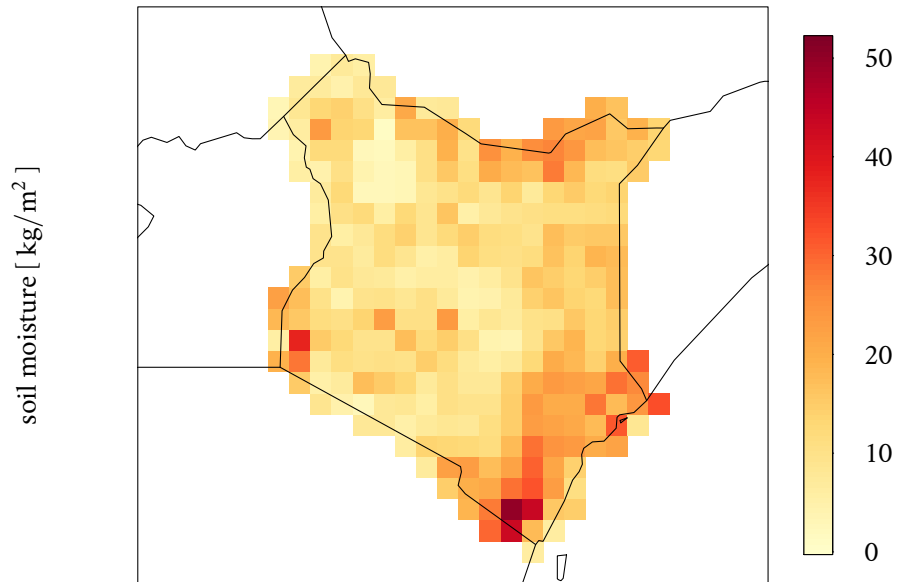


Figure 29: Time slice difference in mean across models of mean, RCP 2.6, 2060 .. 2089 – 2020 .. 2049

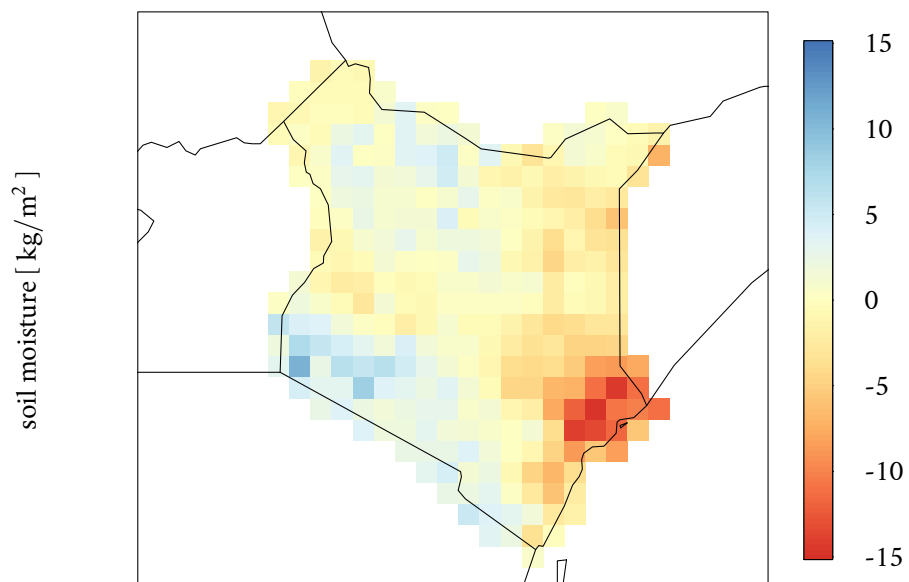
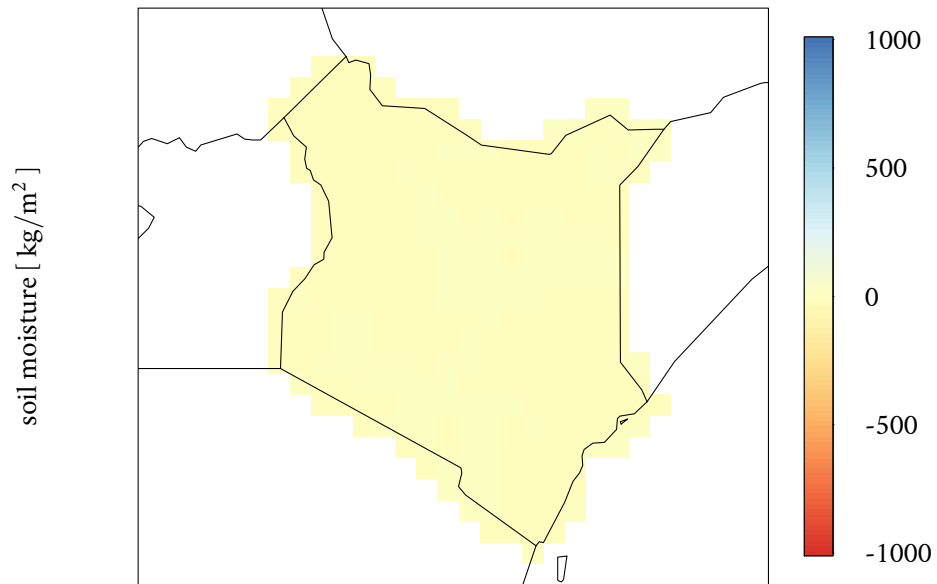


Figure 30: Time slice difference in mean across models of standard deviation, RCP 2.6, 2060 .. 2089 – 2020 .. 2049



2.4 Kenya / RCP 8.5

Figure 31: Model mean (19 models) of annual means, RCP 8.5, 2020 .. 2049

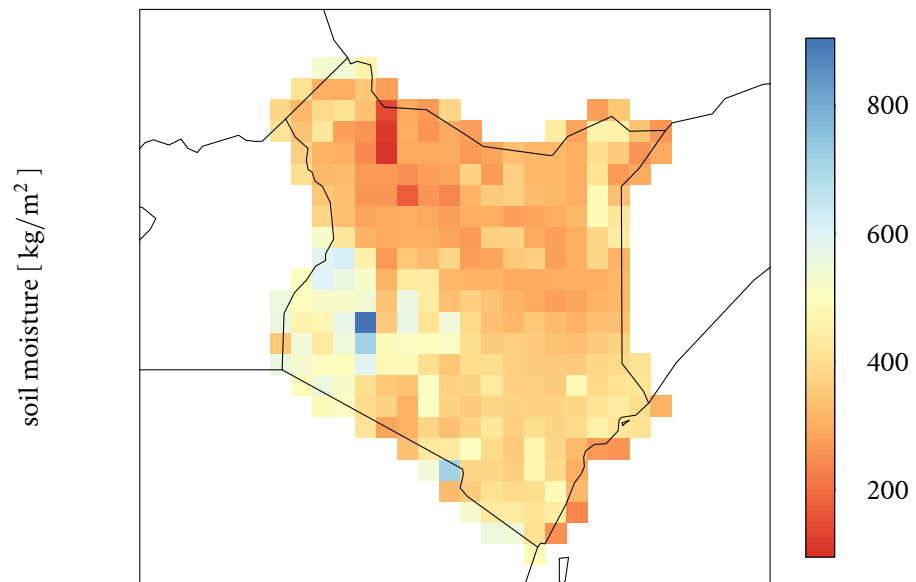


Figure 32: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2020 .. 2049

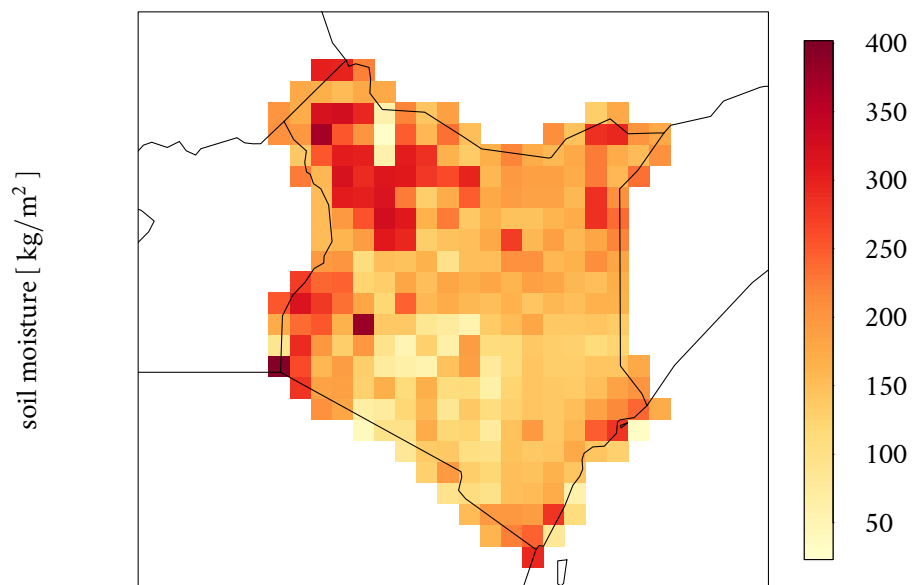


Figure 33: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

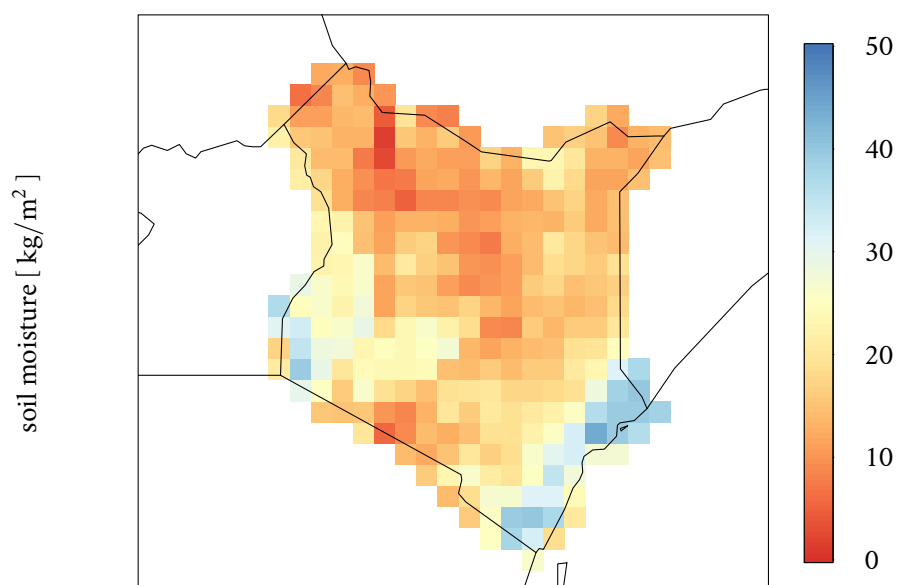


Figure 34: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

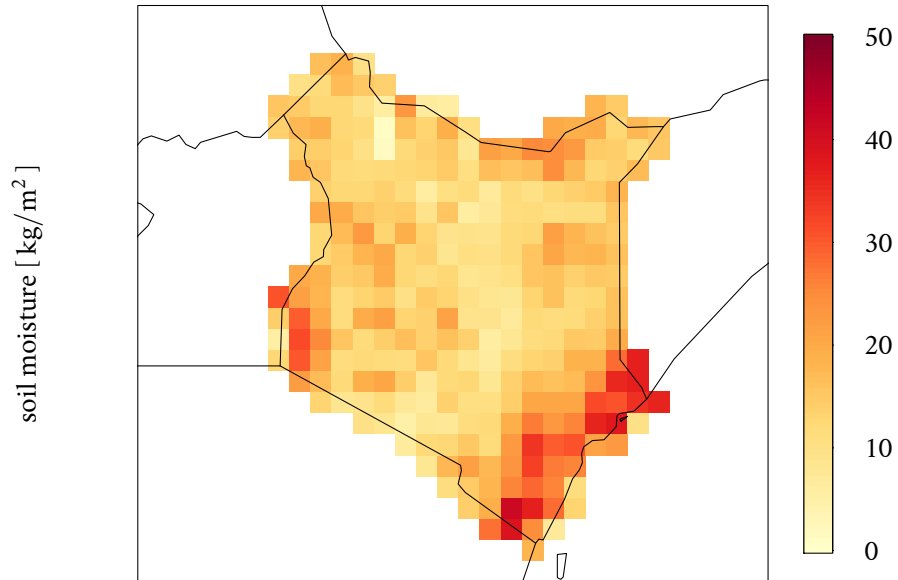


Figure 35: Model mean (19 models) of annual means, RCP 8.5, 2060 .. 2089

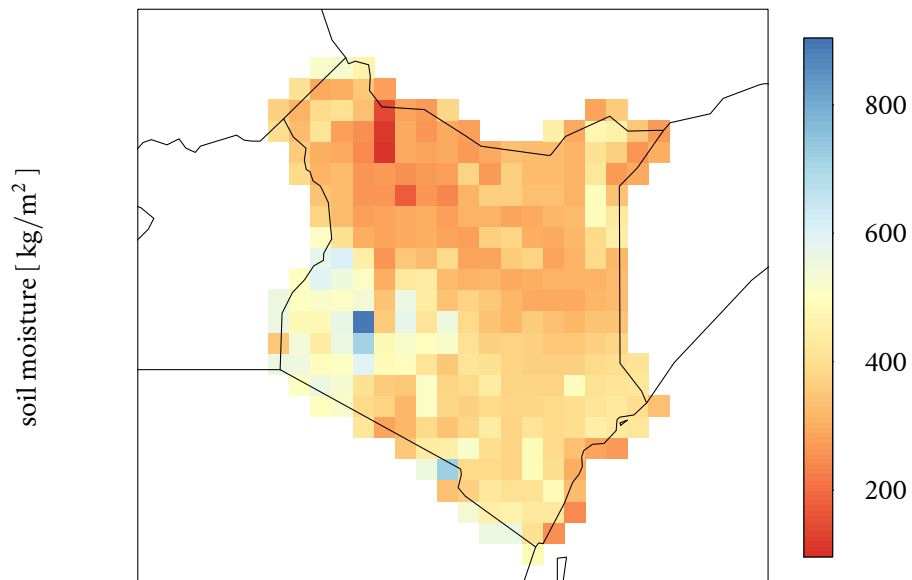


Figure 36: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2060 .. 2089

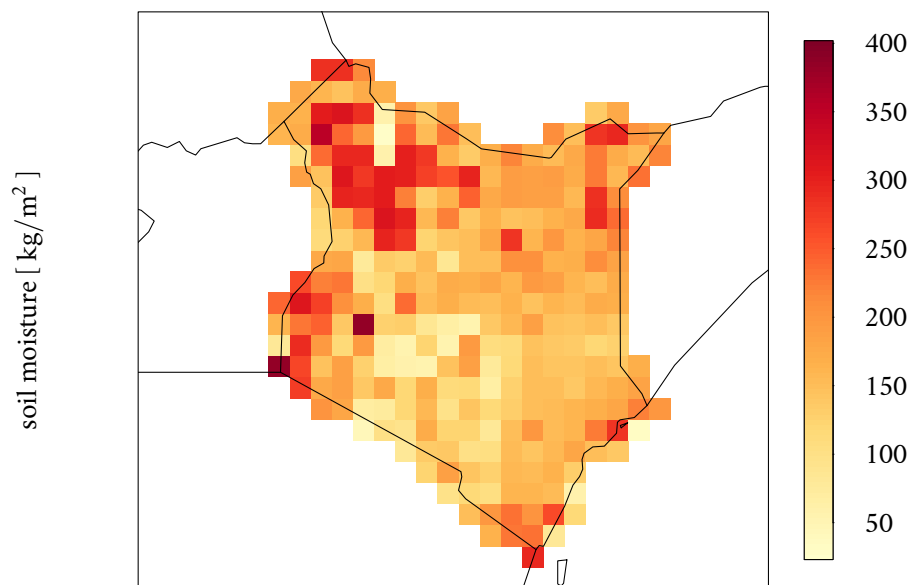


Figure 37: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

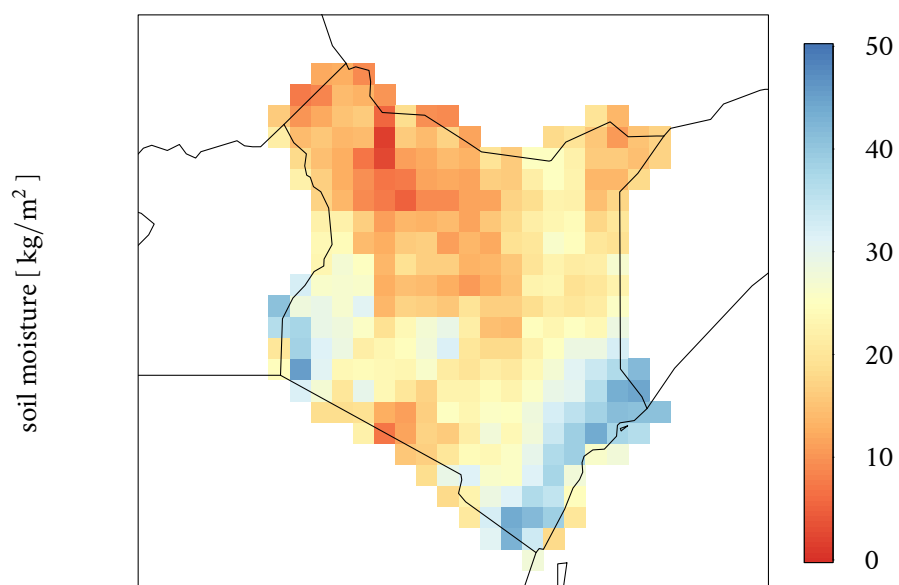


Figure 38: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

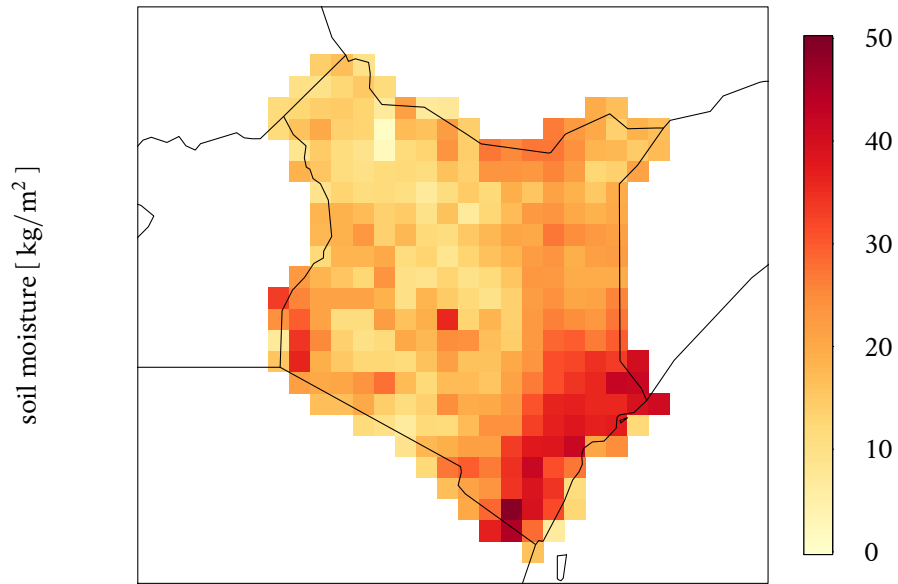


Figure 39: Time slice difference in mean across models of mean, RCP 8.5, 2060 .. 2089 – 2020 .. 2049

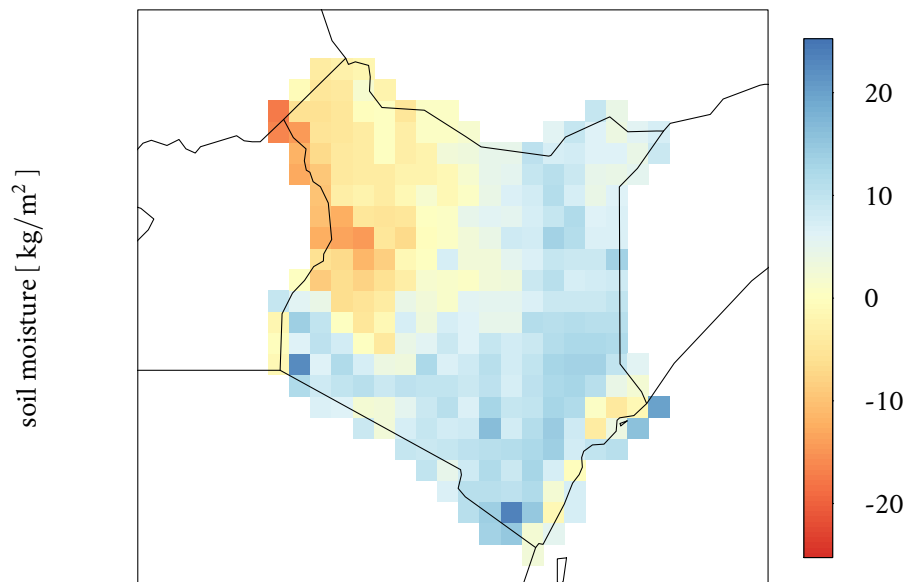
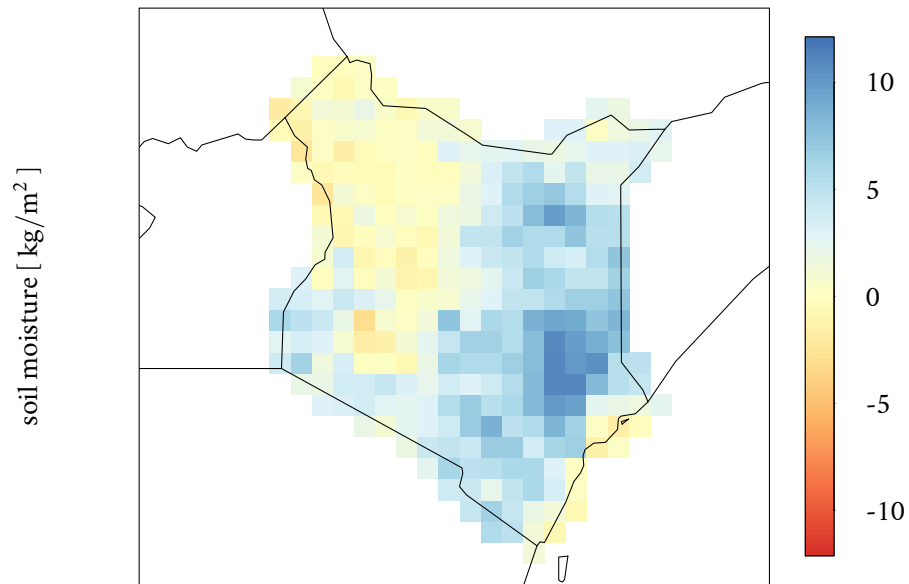


Figure 40: Time slice difference in mean across models of standard deviation, RCP 8.5, 2060 .. 2089 – 2020 .. 2049



3 Precipitation

3.1 Burkina Faso / RCP 2.6

Figure 41: Model mean (10 models) of annual means, RCP 2.6, 2020 .. 2049

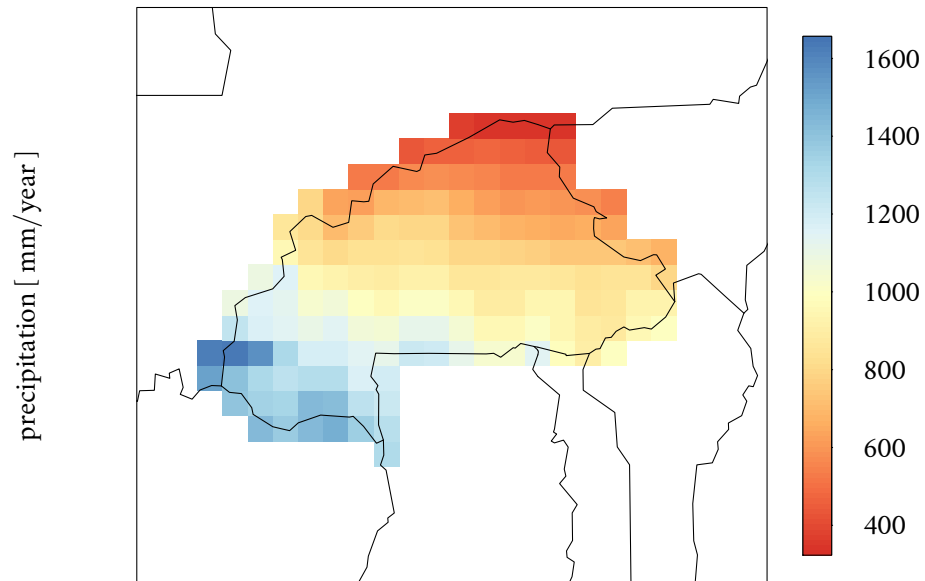


Figure 42: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2020 .. 2049

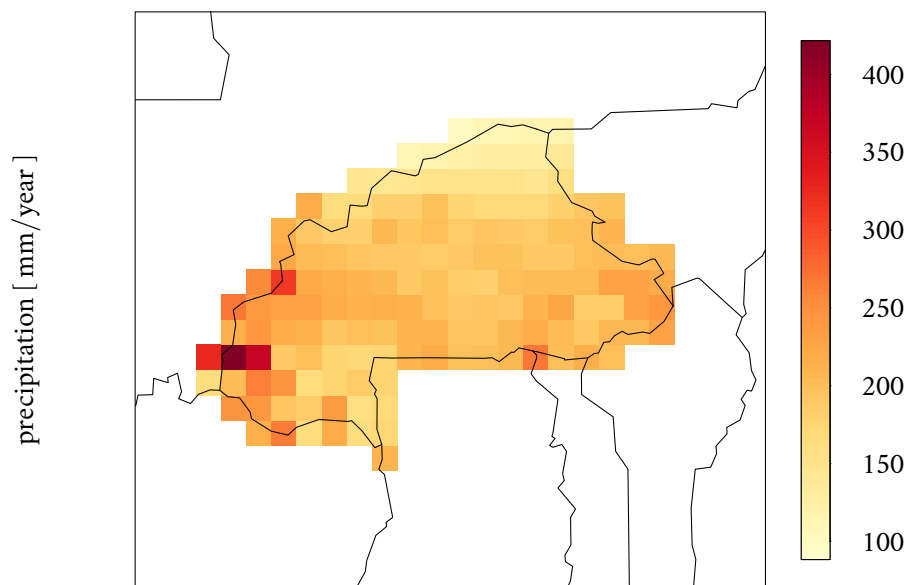


Figure 43: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

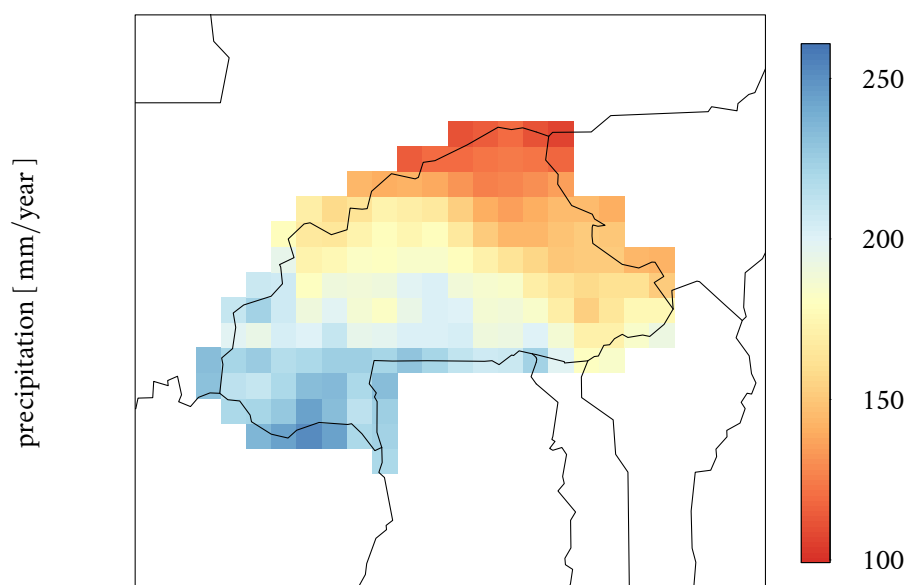


Figure 44: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

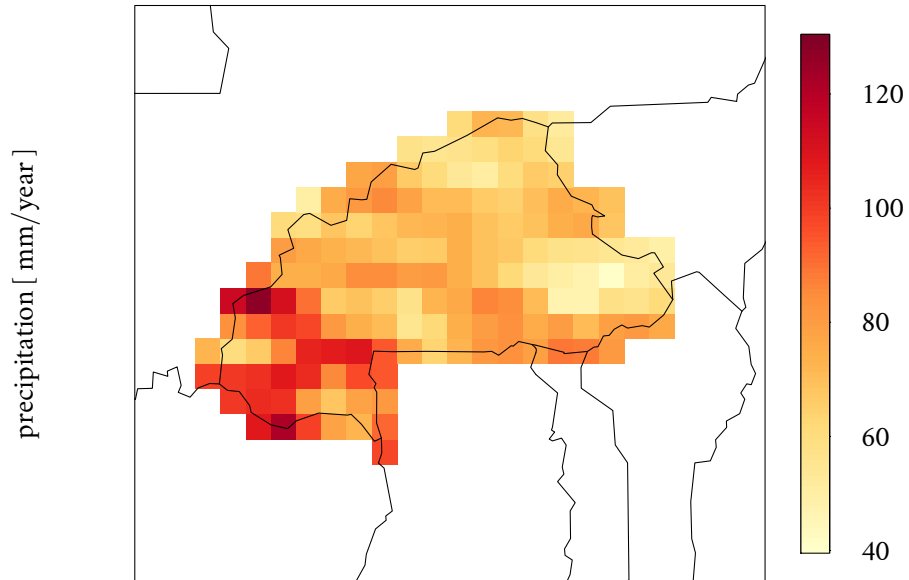


Figure 45: Model mean (10 models) of annual means, RCP 2.6, 2060 .. 2089

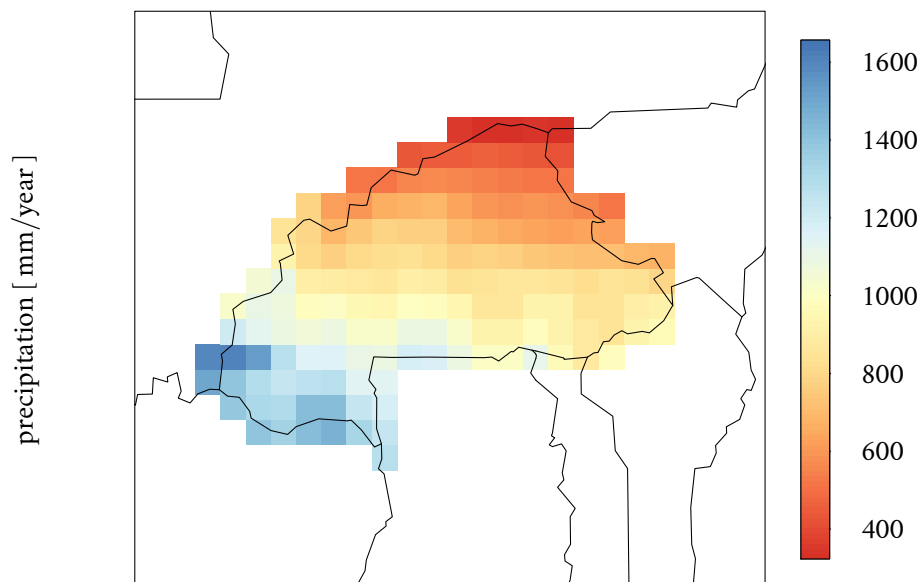


Figure 46: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2060 .. 2089

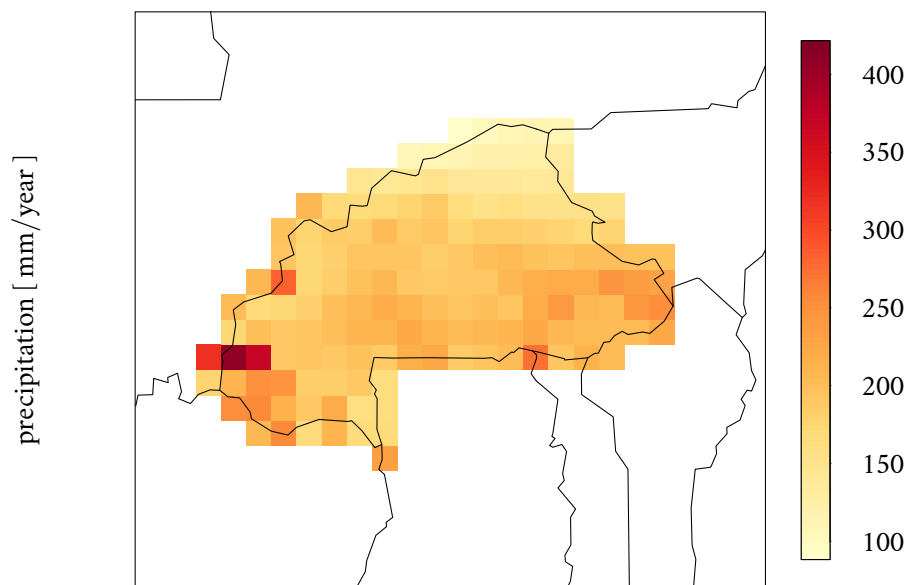


Figure 47: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

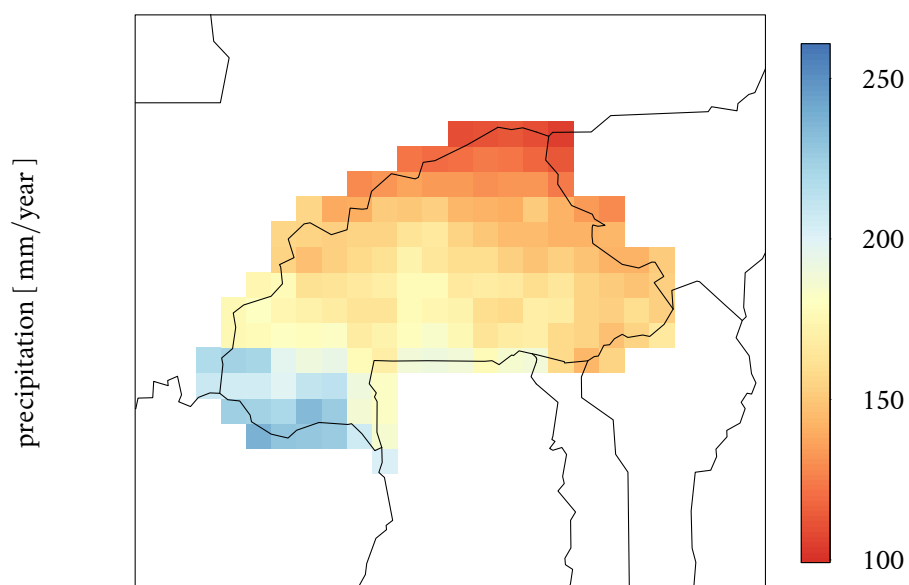


Figure 48: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

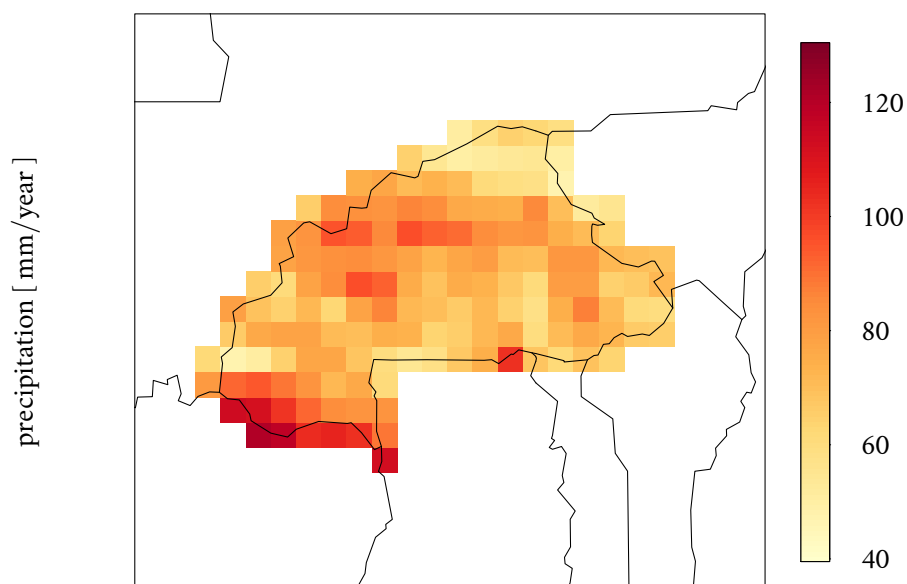


Figure 49: Time slice difference in mean across models of mean, RCP 2.6, 2060 .. 2089 — 2020 .. 2049

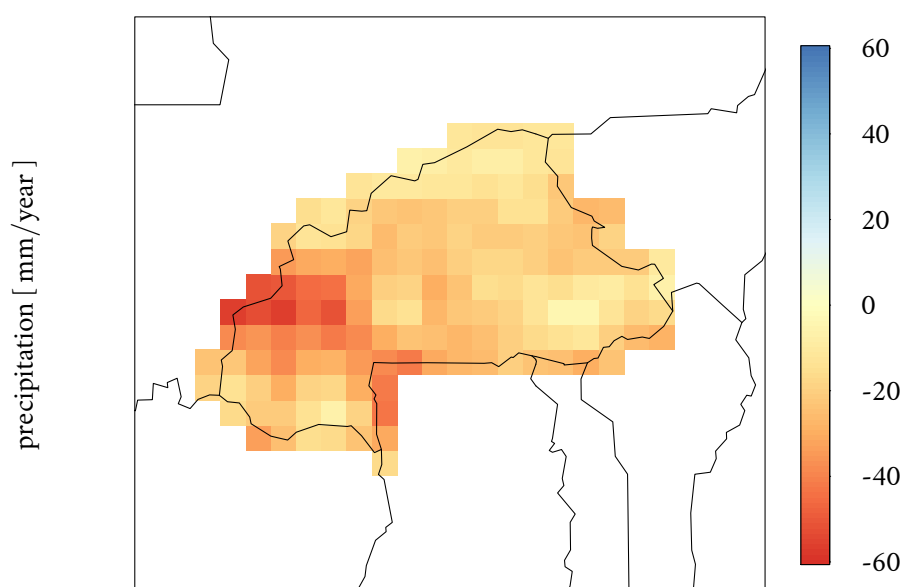
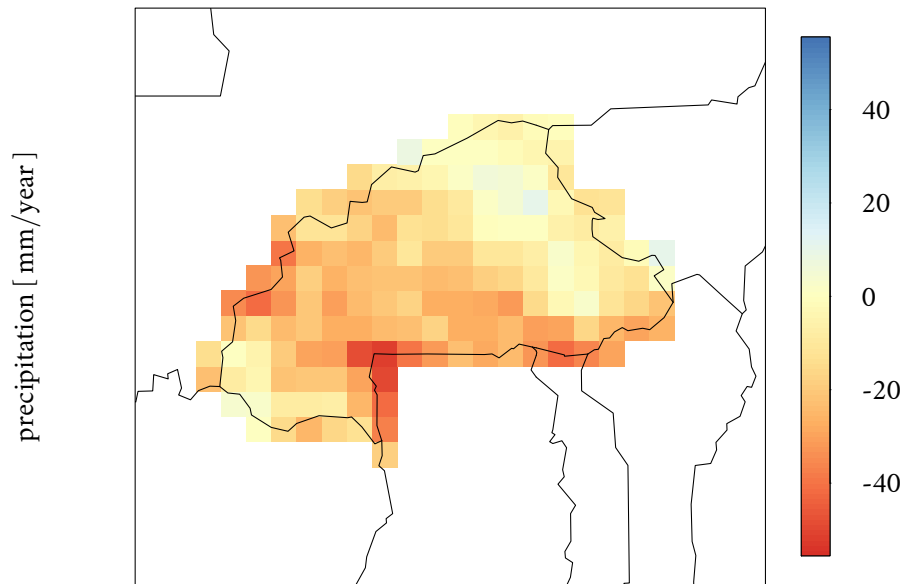


Figure 50: Time slice difference in mean across models of standard deviation, RCP 2.6, 2060 .. 2089 – 2020 .. 2049



3.2 Burkina Faso / RCP 8.5

Figure 51: Model mean (19 models) of annual means, RCP 8.5, 2020 .. 2049

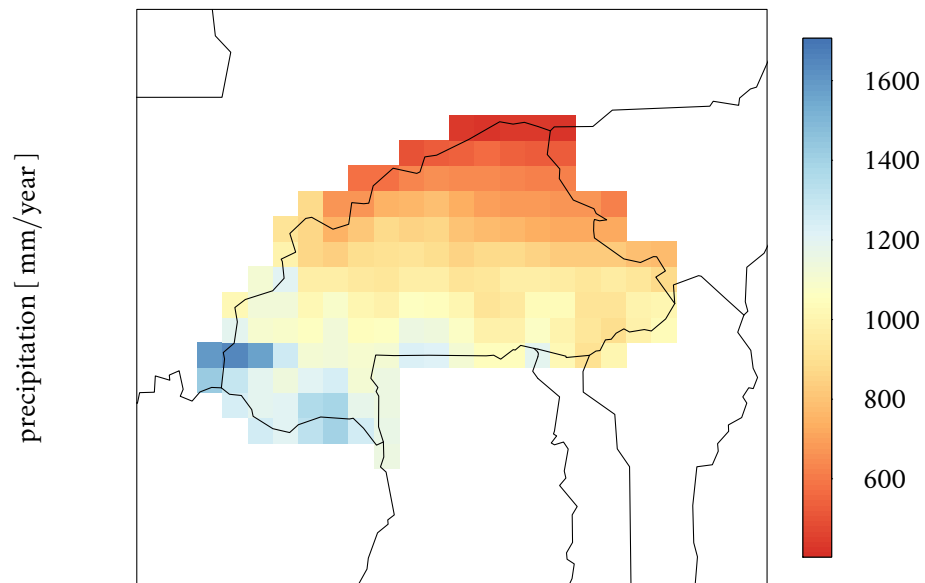


Figure 52: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2020 .. 2049

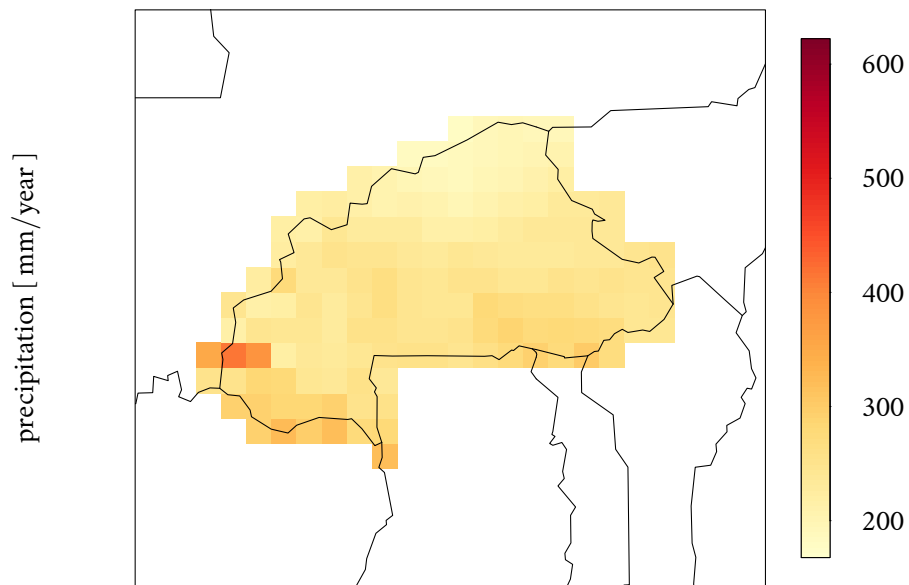


Figure 53: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

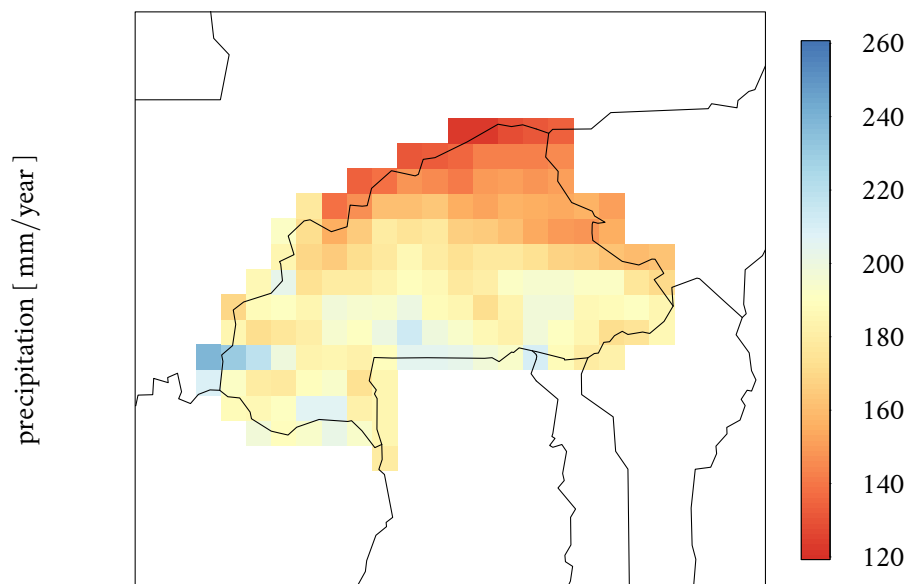


Figure 54: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

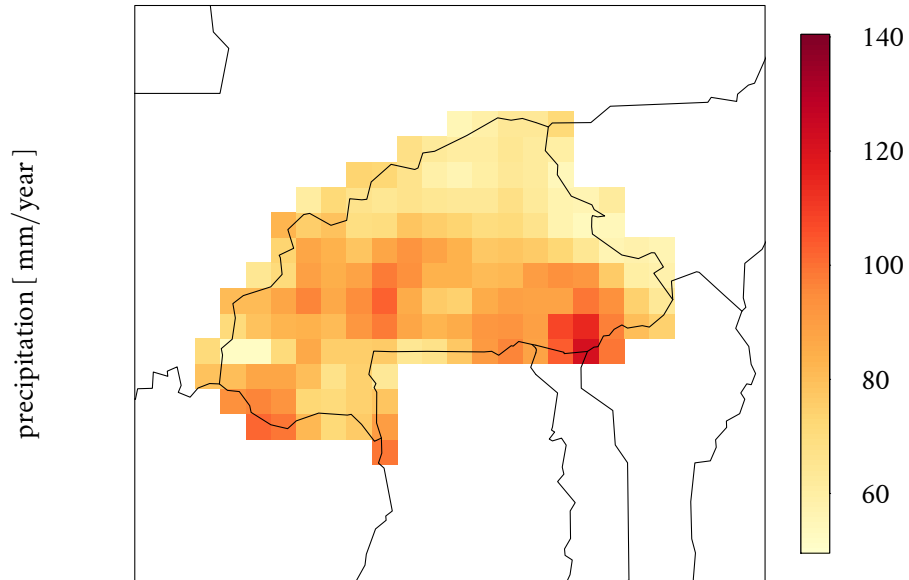


Figure 55: Model mean (19 models) of annual means, RCP 8.5, 2060 .. 2089

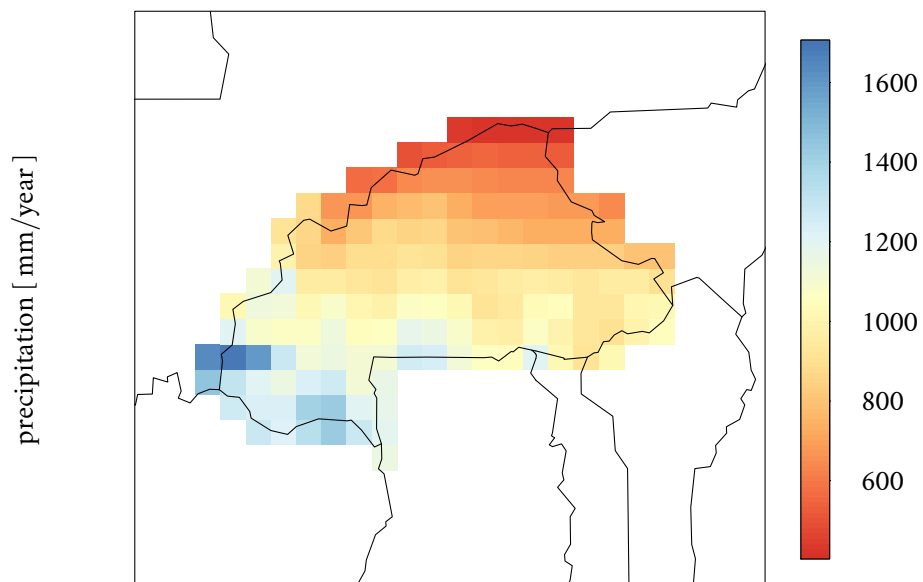


Figure 56: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2060 .. 2089

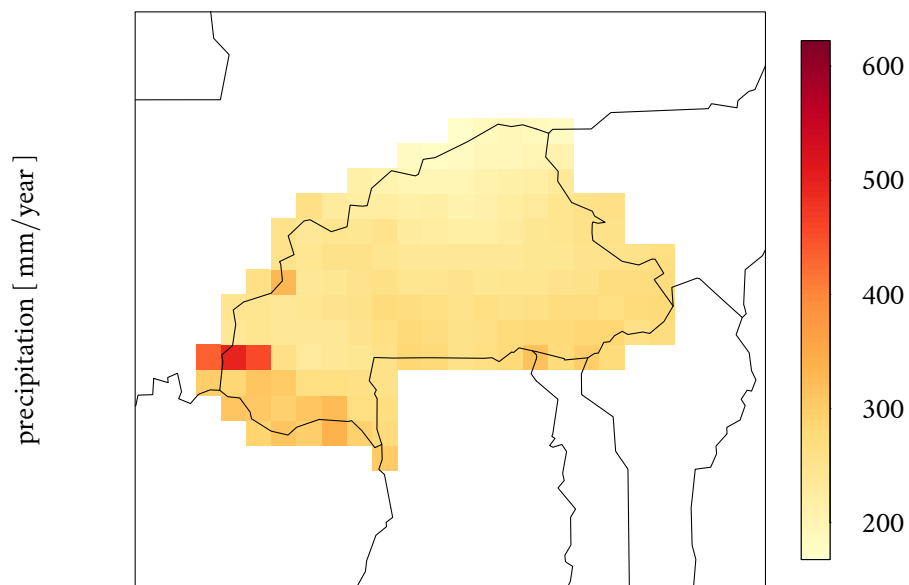


Figure 57: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

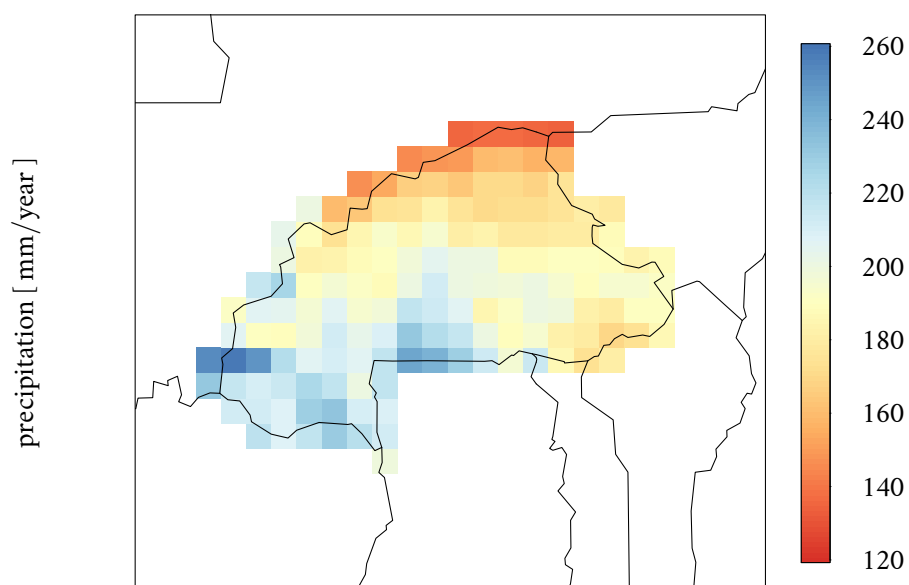


Figure 58: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

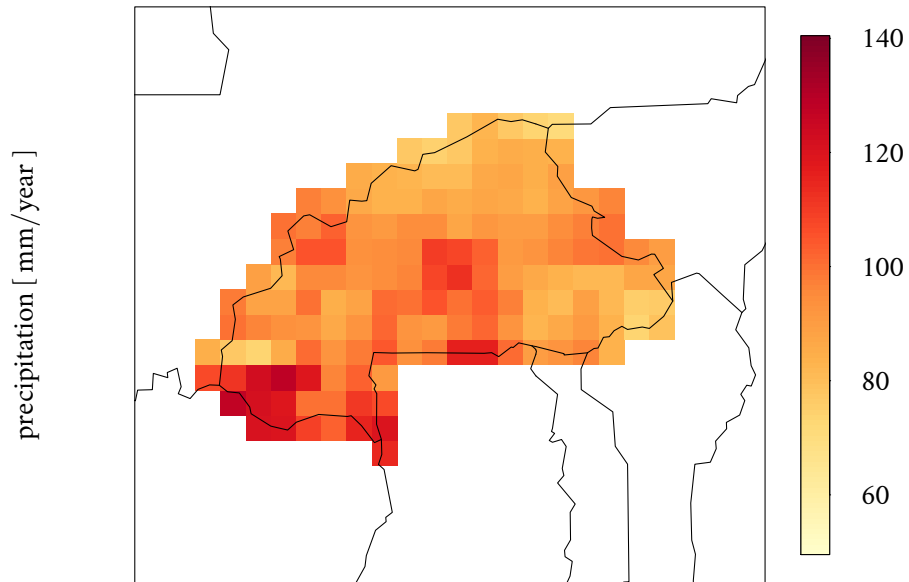


Figure 59: Time slice difference in mean across models of mean, RCP 8.5, 2060 .. 2089 — 2020 .. 2049

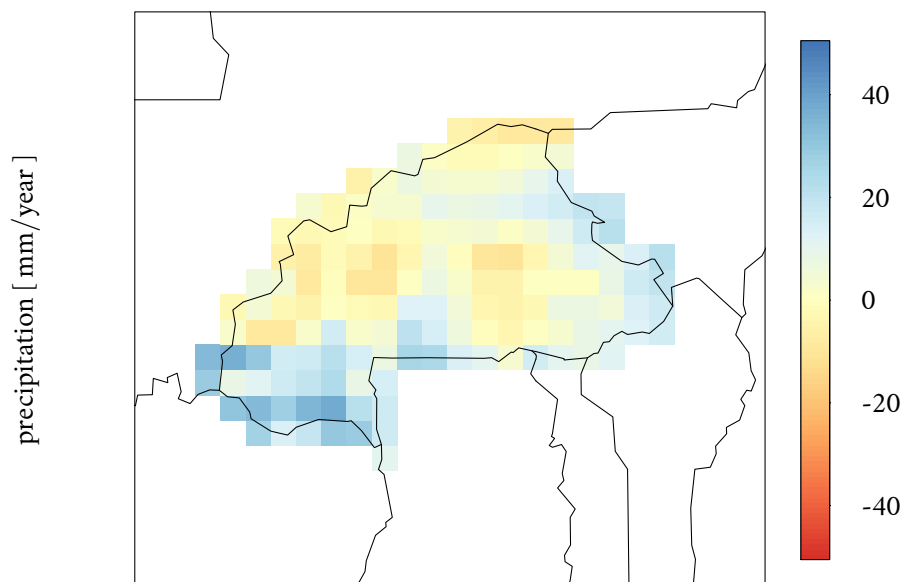
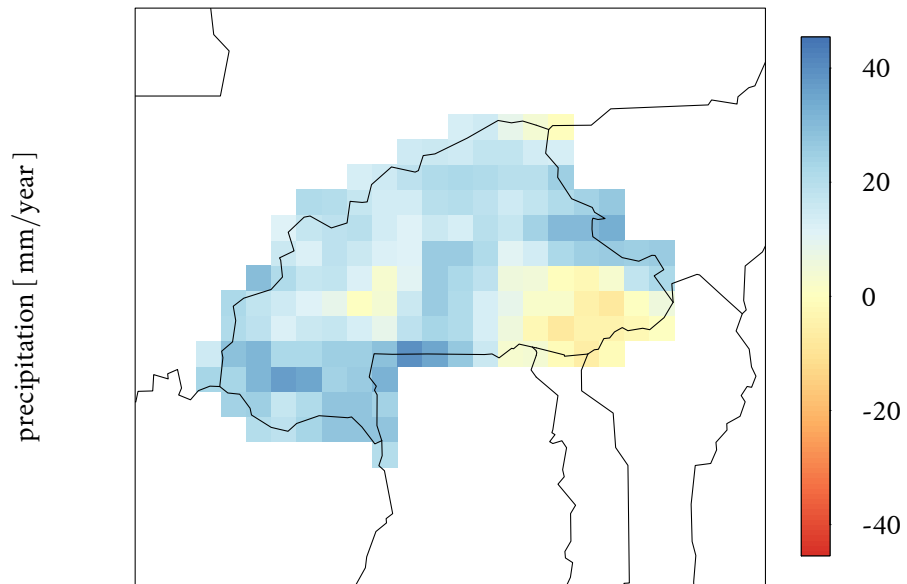


Figure 60: Time slice difference in mean across models of standard deviation, RCP 8.5, 2060 .. 2089 – 2020 .. 2049



3.3 Kenya / RCP 2.6

Figure 61: Model mean (10 models) of annual means, RCP 2.6, 2020 .. 2049

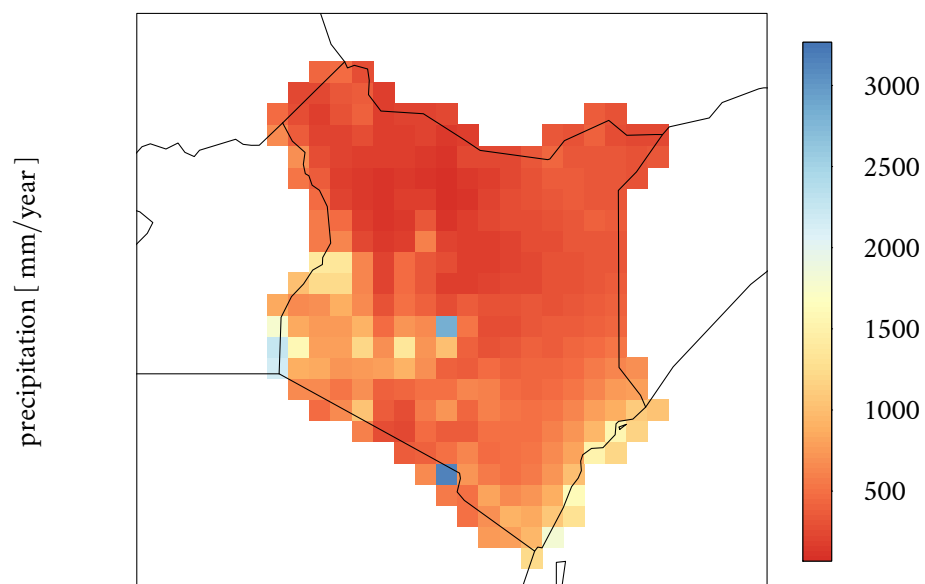


Figure 62: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2020 .. 2049

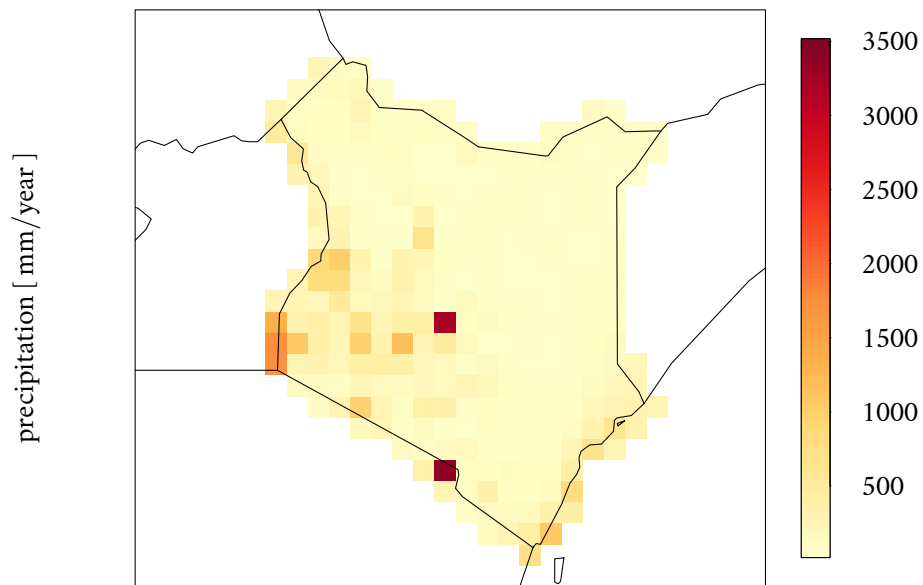


Figure 63: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

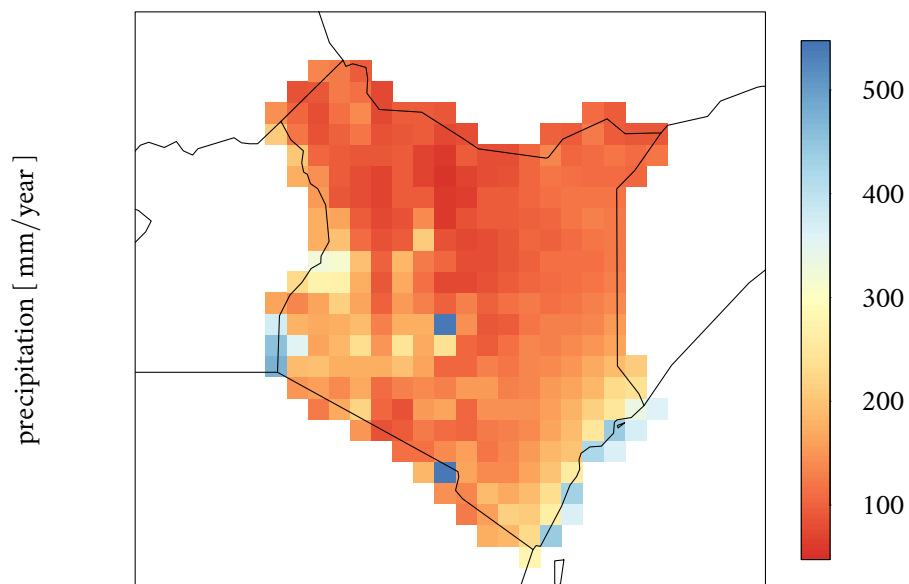


Figure 64: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

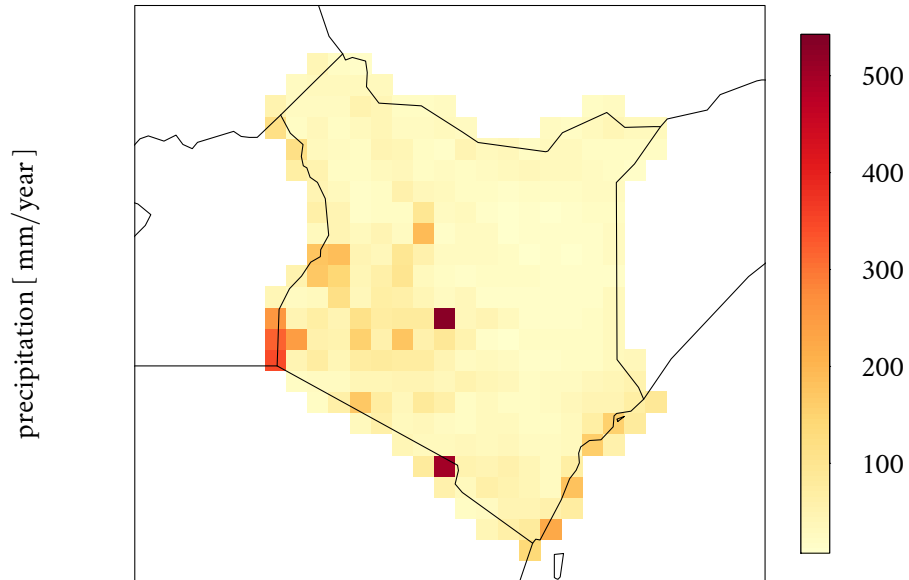


Figure 65: Model mean (10 models) of annual means, RCP 2.6, 2060 .. 2089

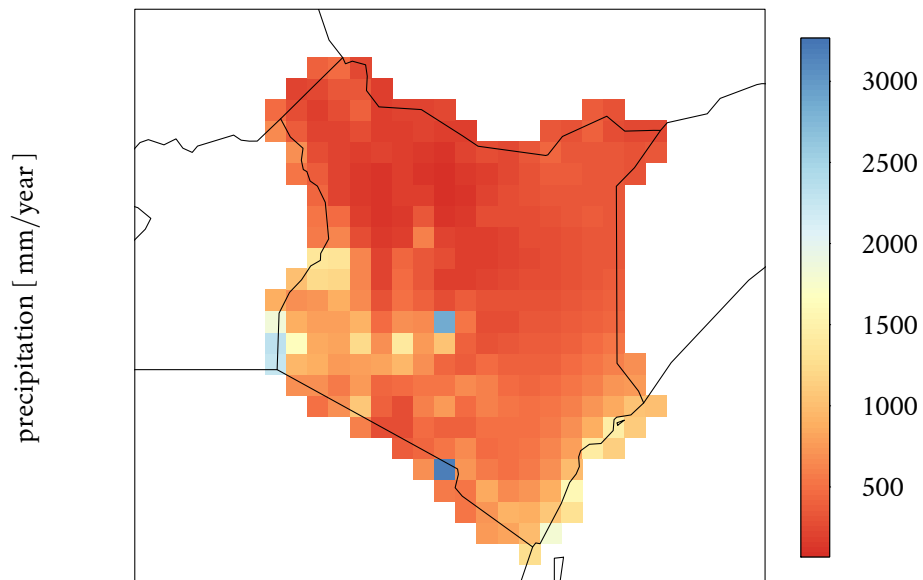


Figure 66: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2060 .. 2089

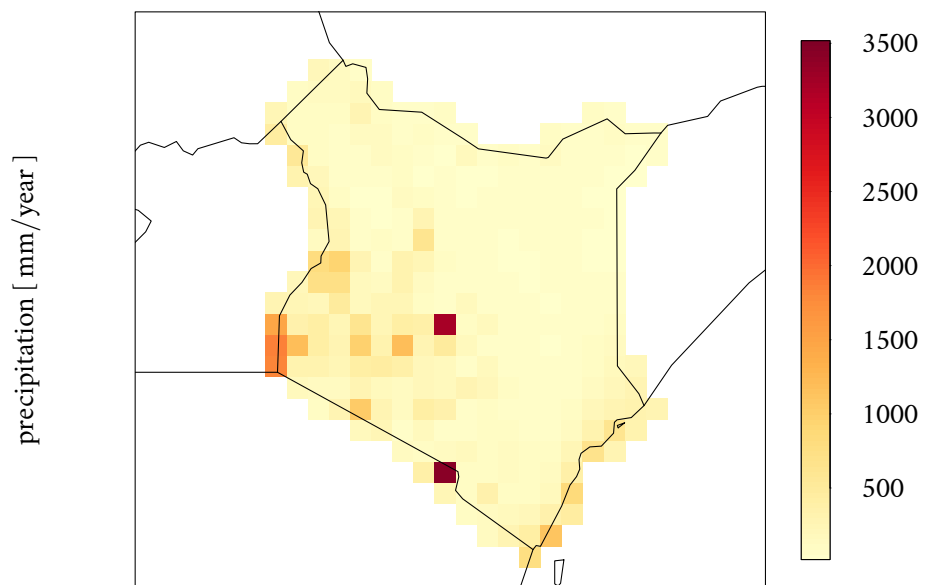


Figure 67: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

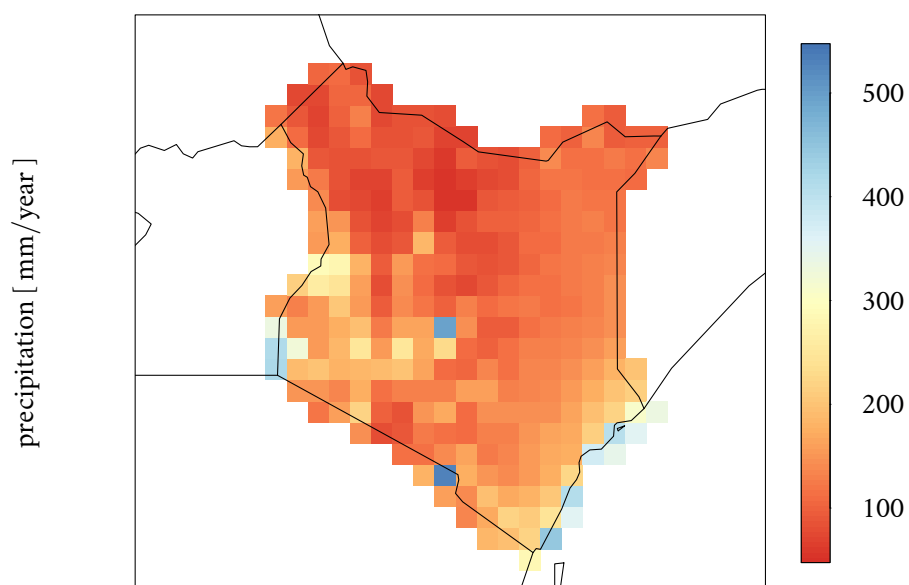


Figure 68: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

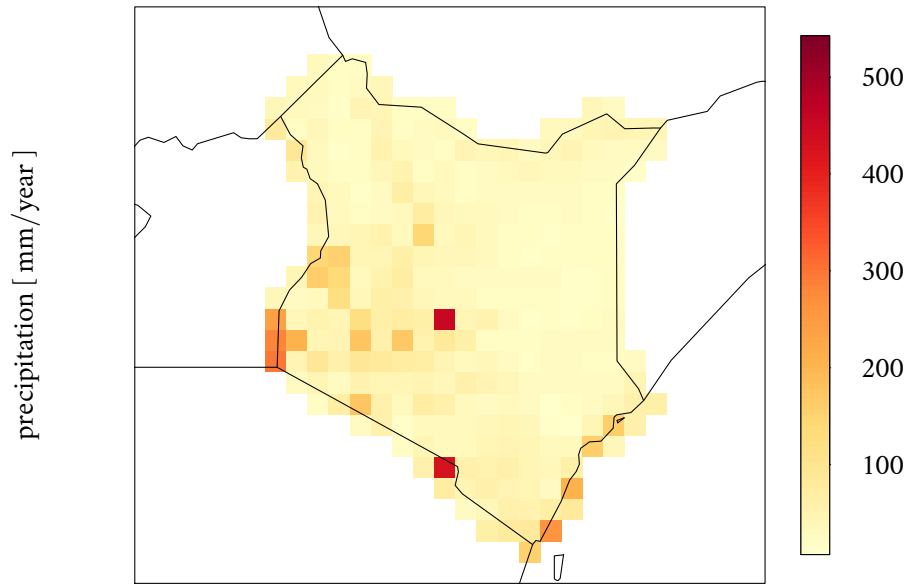


Figure 69: Time slice difference in mean across models of mean, RCP 2.6, 2060 .. 2089 — 2020 .. 2049

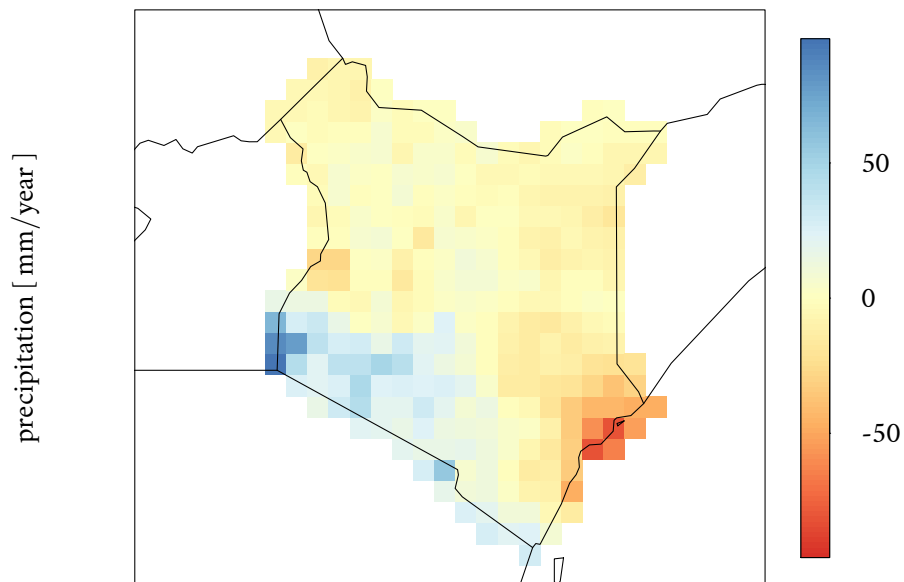
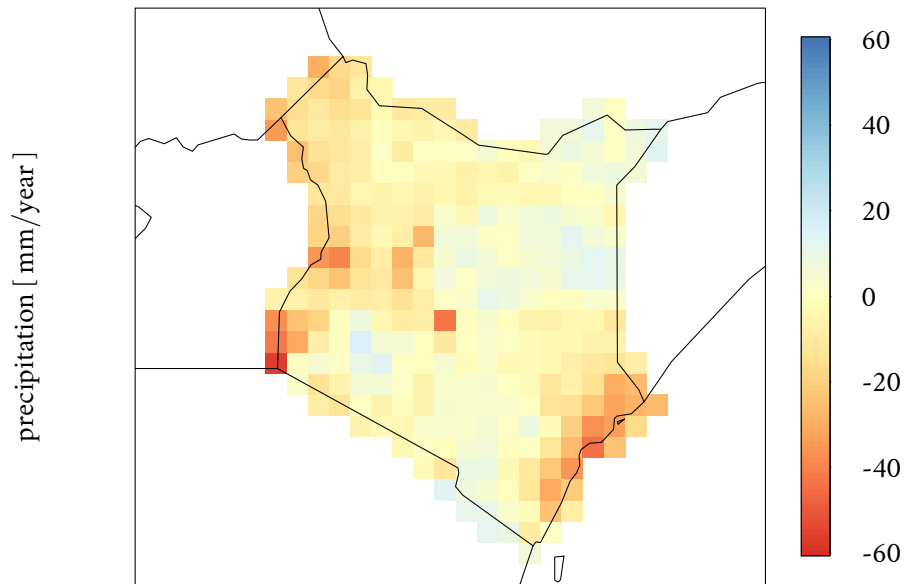


Figure 70: Time slice difference in mean across models of standard deviation, RCP 2.6, 2060 .. 2089 – 2020 .. 2049



3.4 Kenya / RCP 8.5

Figure 71: Model mean (19 models) of annual means, RCP 8.5, 2020 .. 2049

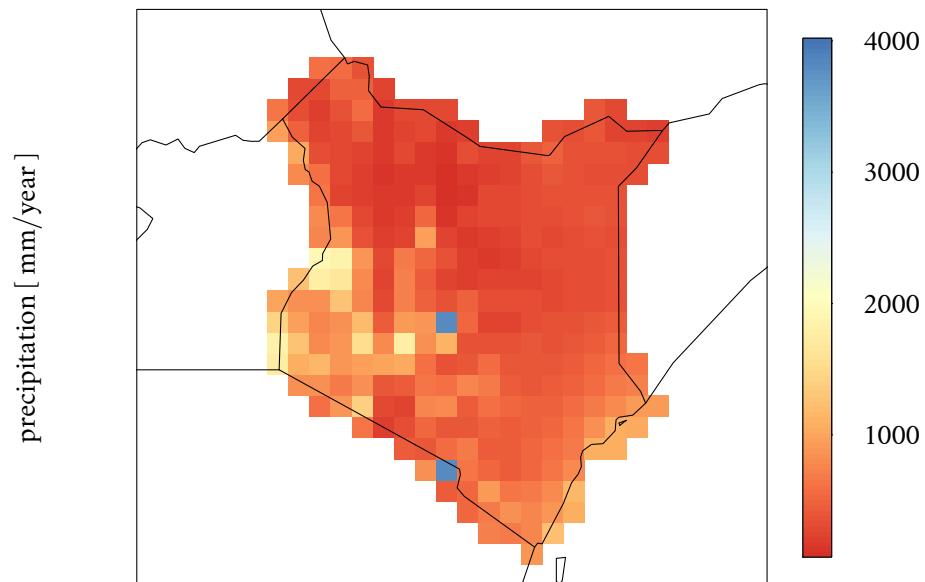


Figure 72: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2020 .. 2049

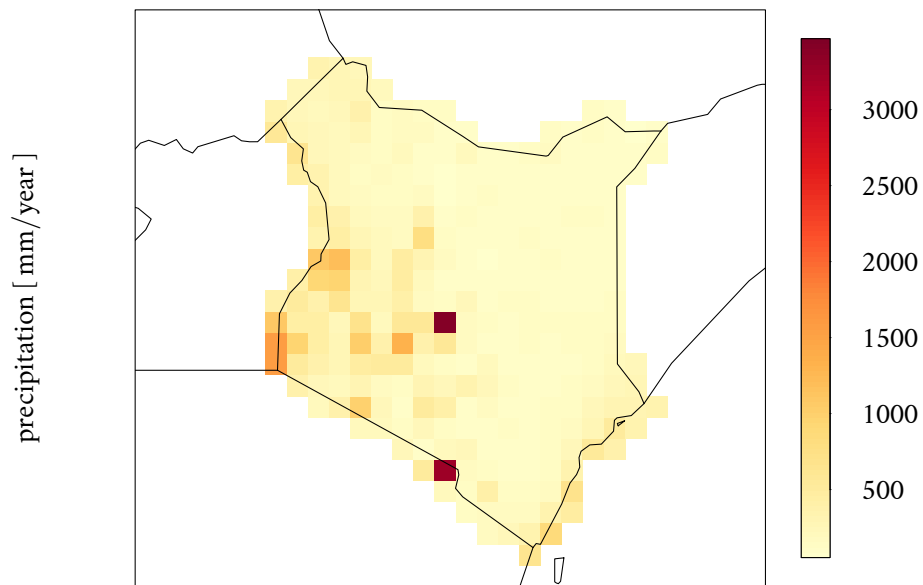


Figure 73: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

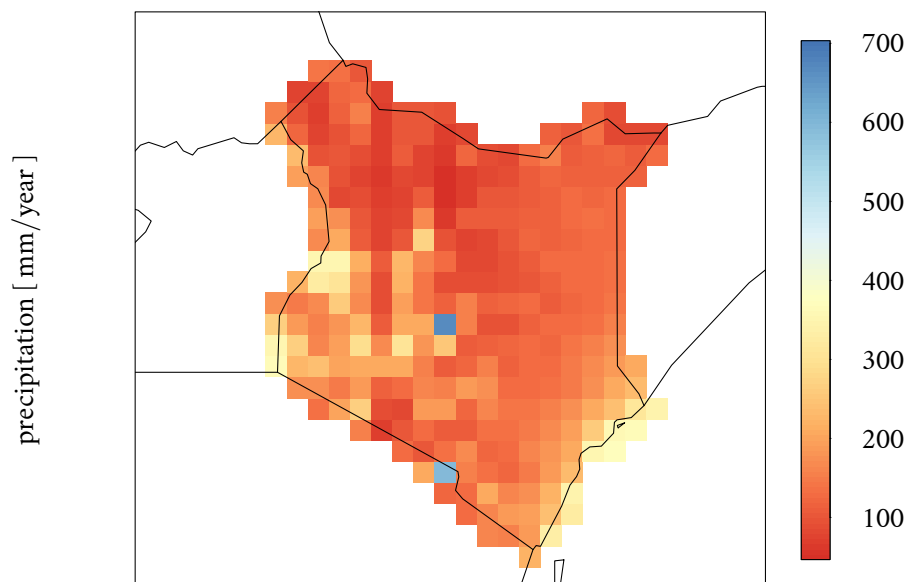


Figure 74: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

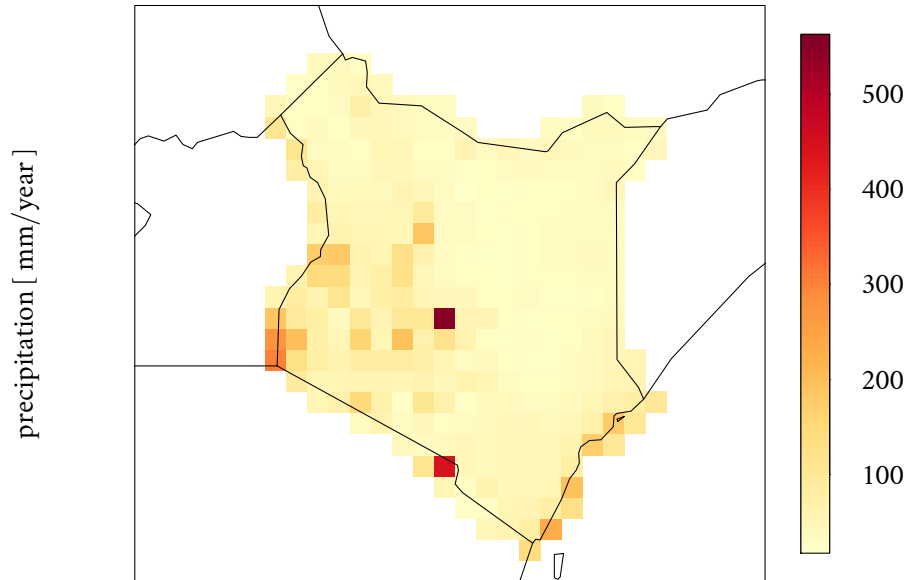


Figure 75: Model mean (19 models) of annual means, RCP 8.5, 2060 .. 2089

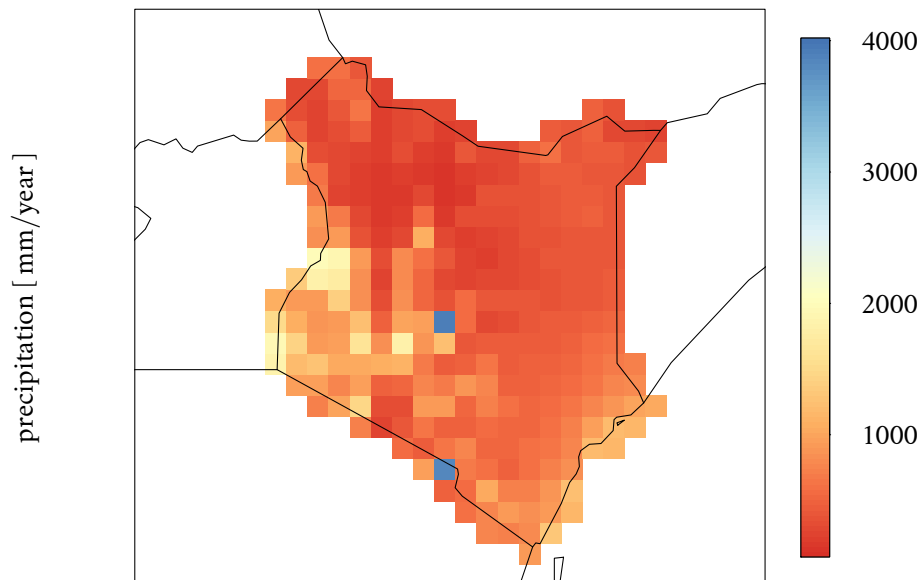


Figure 76: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2060 .. 2089

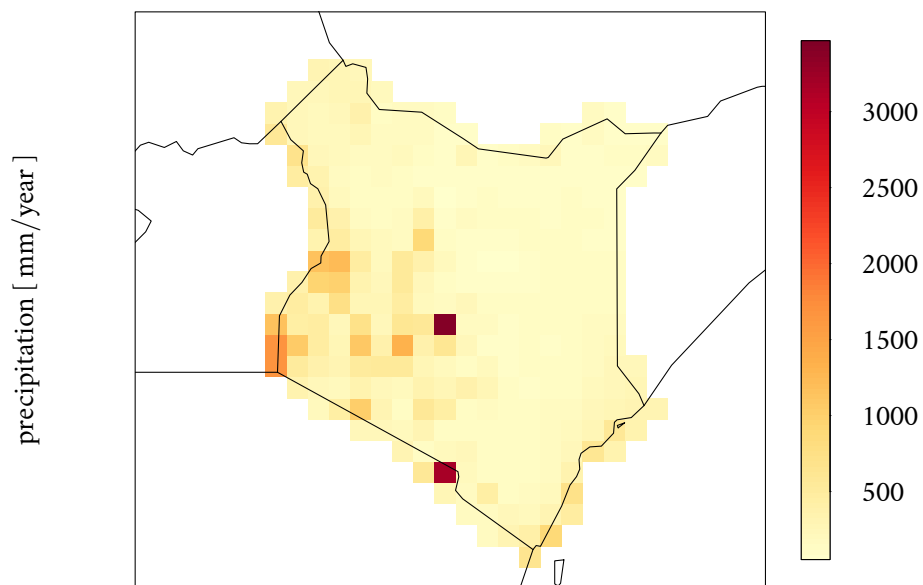


Figure 77: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

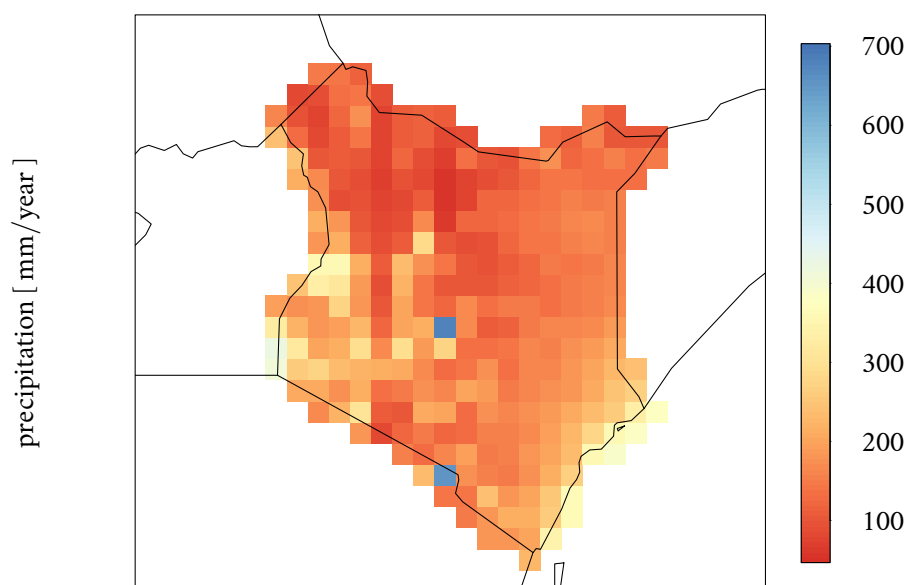


Figure 78: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

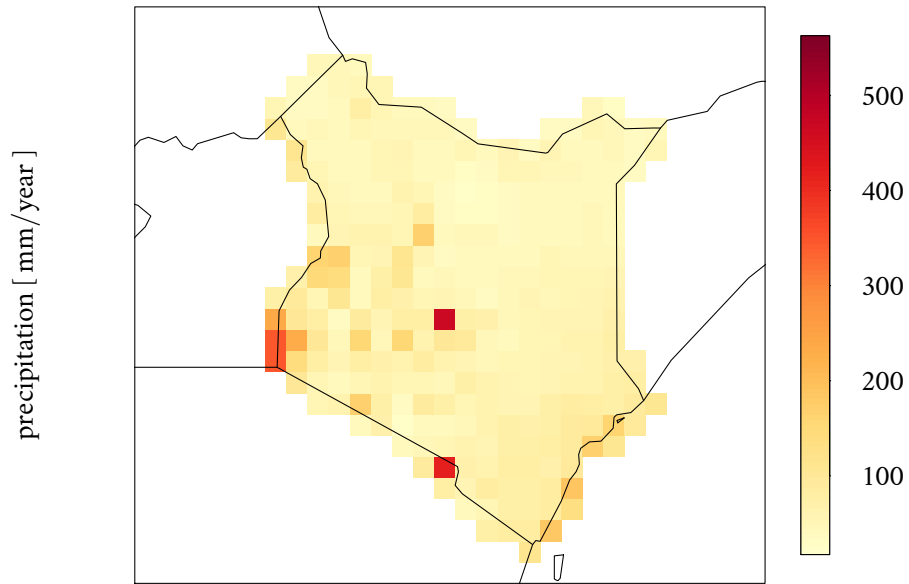


Figure 79: Time slice difference in mean across models of mean, RCP 8.5, 2060 .. 2089 — 2020 .. 2049

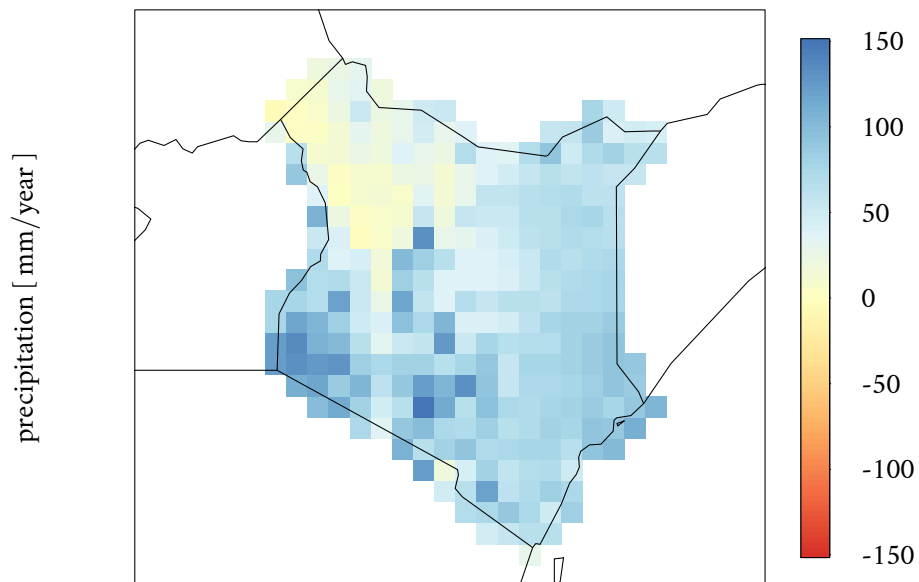
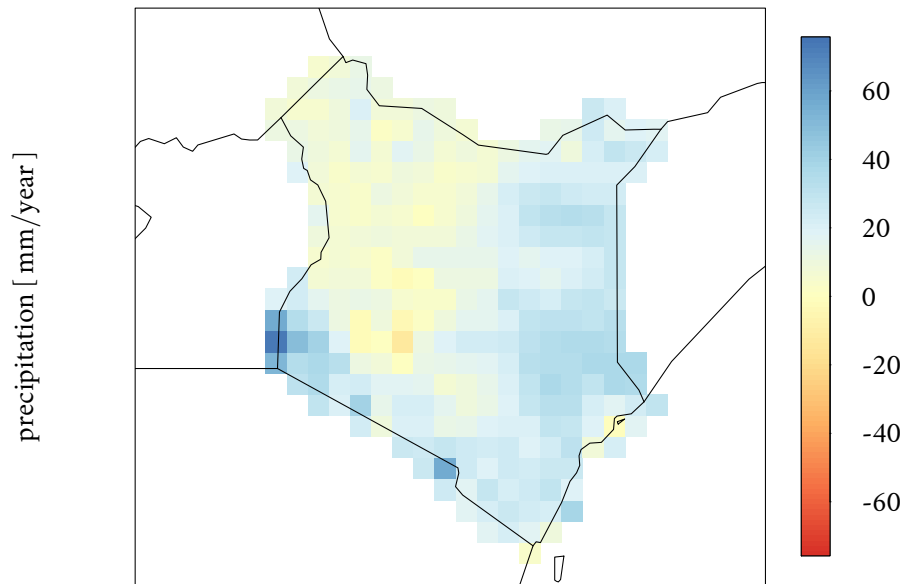


Figure 80: Time slice difference in mean across models of standard deviation, RCP 8.5, 2060 .. 2089 – 2020 .. 2049



4 Average surface temperature

4.1 Burkina Faso / RCP 2.6

Figure 81: Model mean (10 models) of annual means, RCP 2.6, 2020 .. 2049

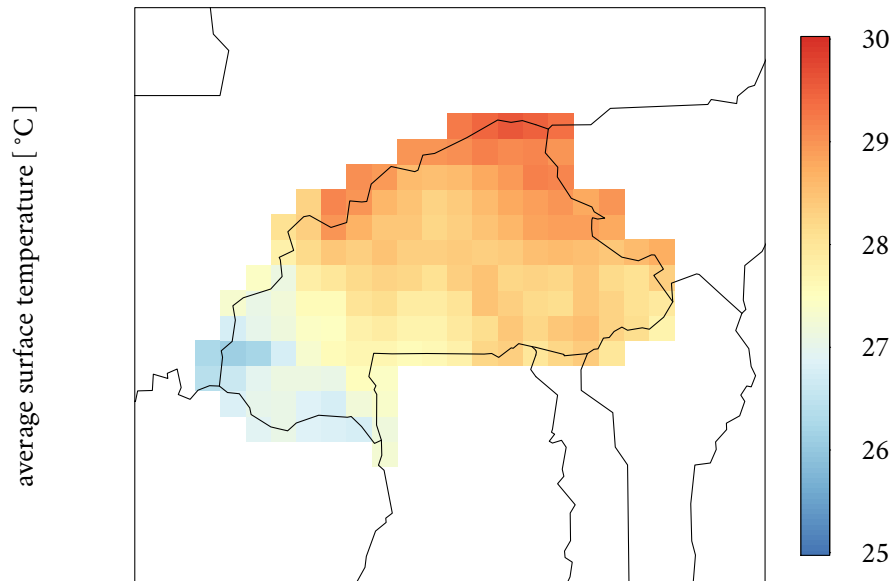


Figure 82: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2020 .. 2049

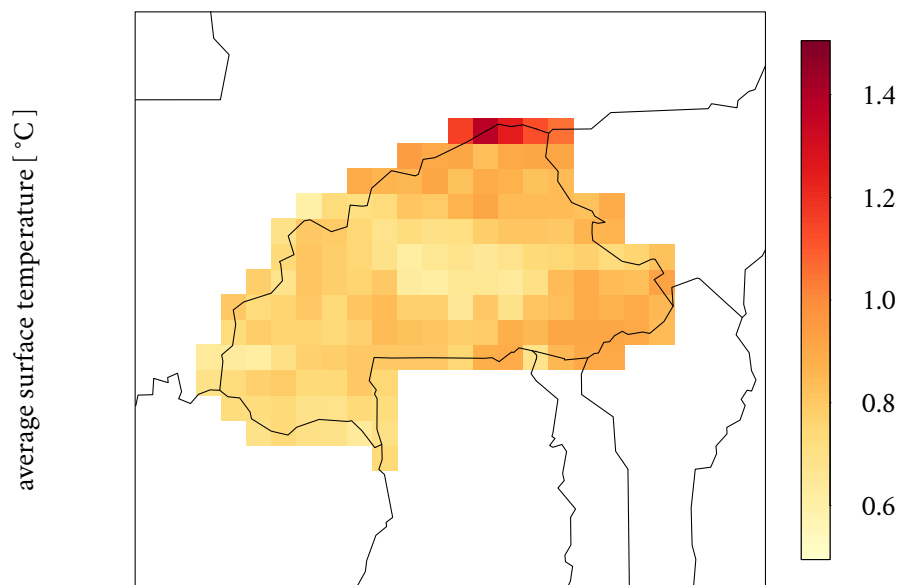


Figure 83: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

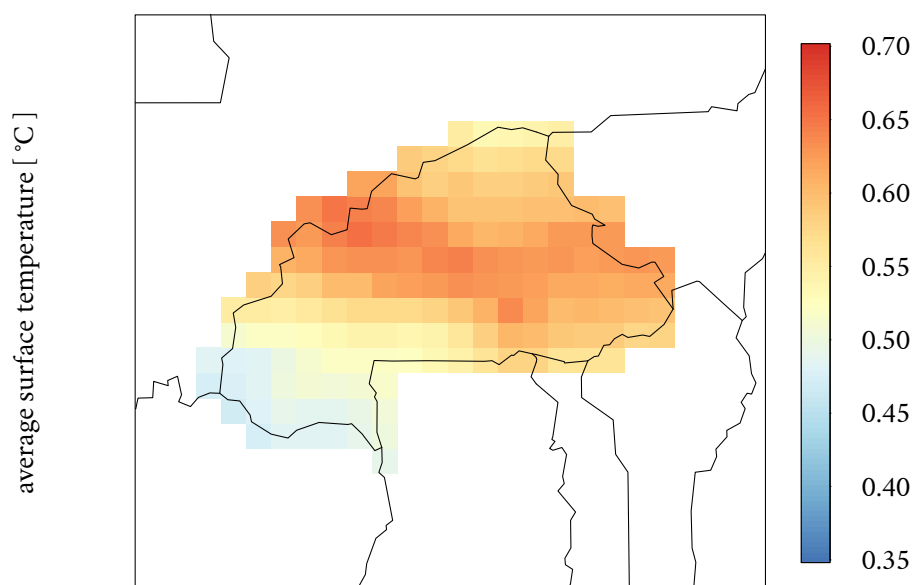


Figure 84: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

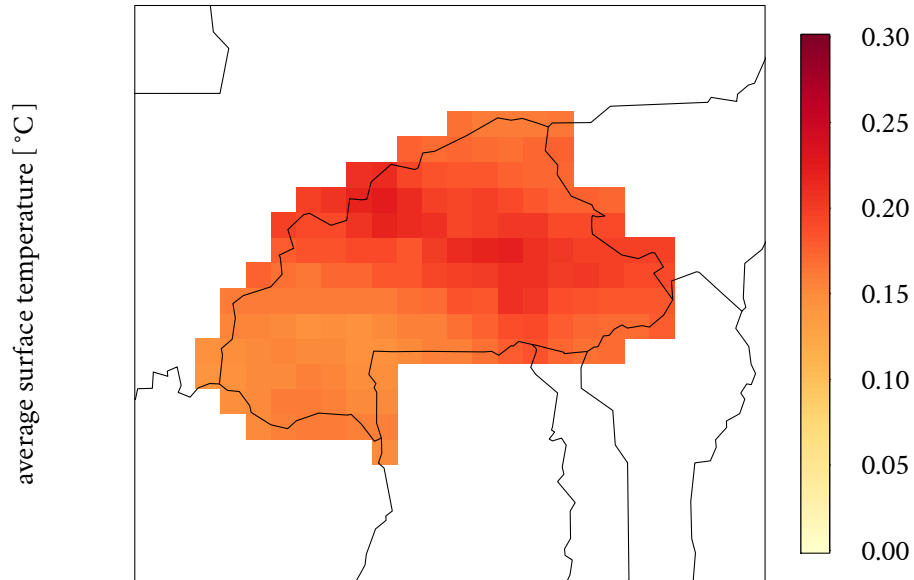


Figure 85: Model mean (10 models) of annual means, RCP 2.6, 2060 .. 2089

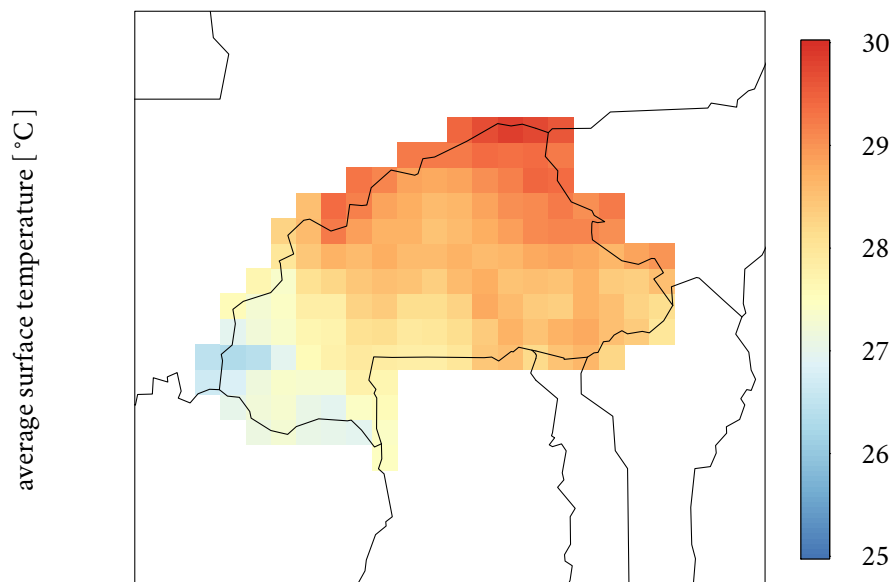


Figure 86: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2060 .. 2089

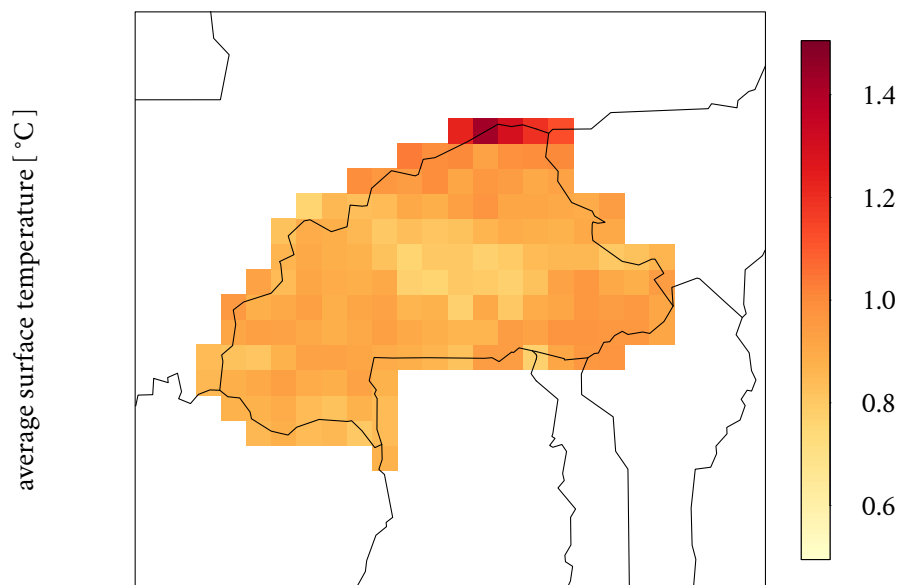


Figure 87: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

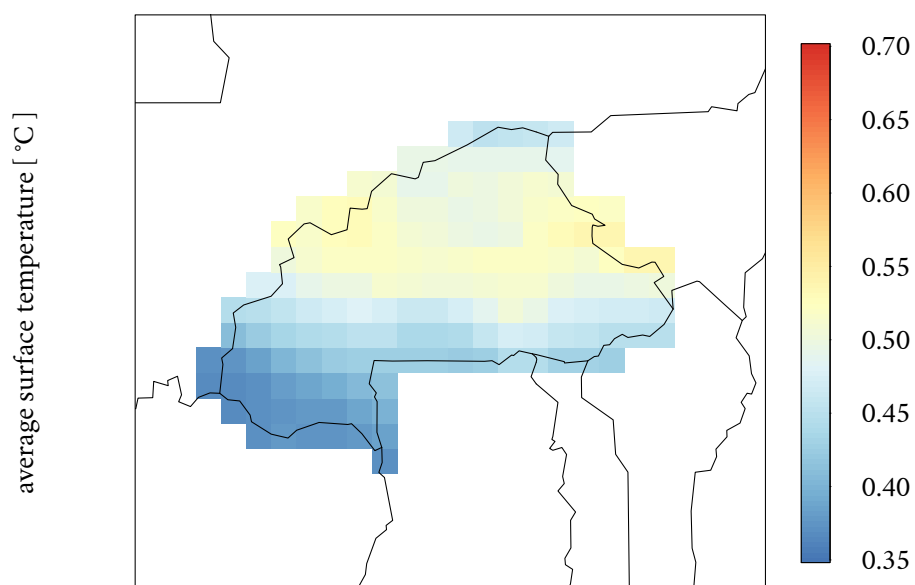


Figure 88: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

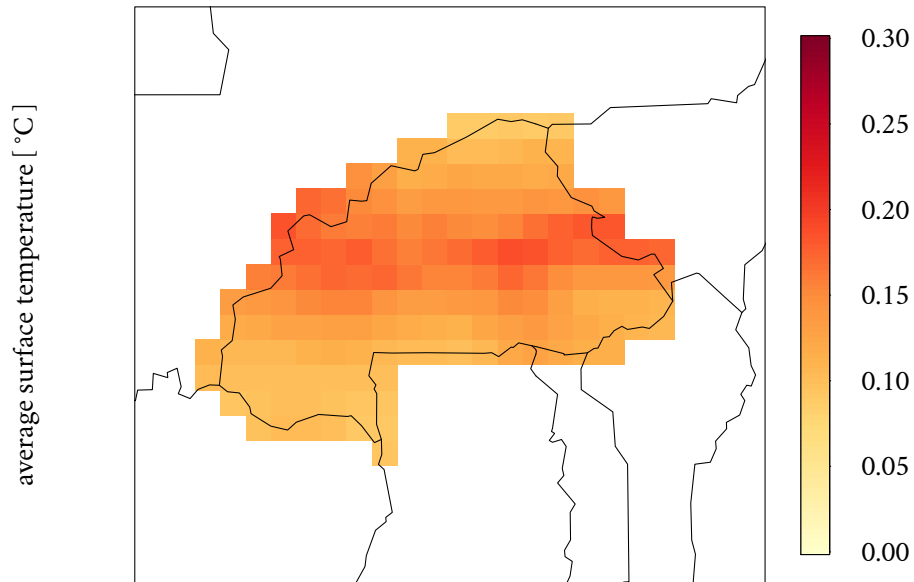


Figure 89: Time slice difference in mean across models of mean, RCP 2.6, 2060 .. 2089 — 2020 .. 2049

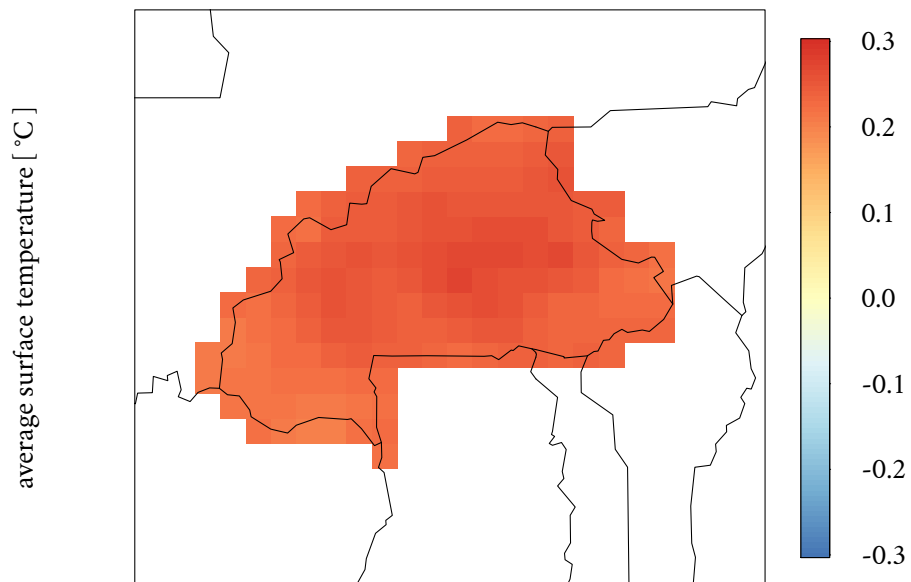
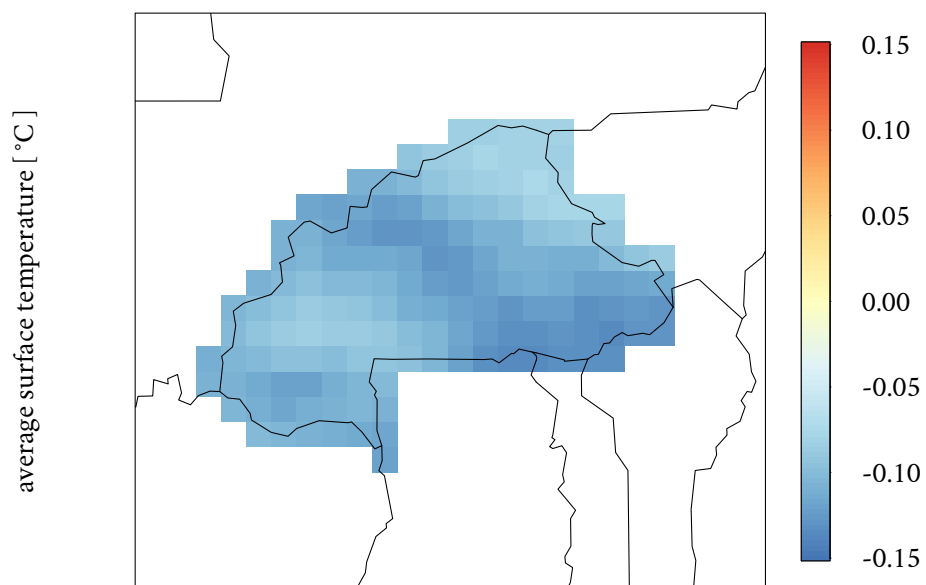


Figure 90: Time slice difference in mean across models of standard deviation, RCP 2.6, 2060 .. 2089 – 2020 .. 2049



4.2 Burkina Faso / RCP 8.5

Figure 91: Model mean (19 models) of annual means, RCP 8.5, 2020 .. 2049

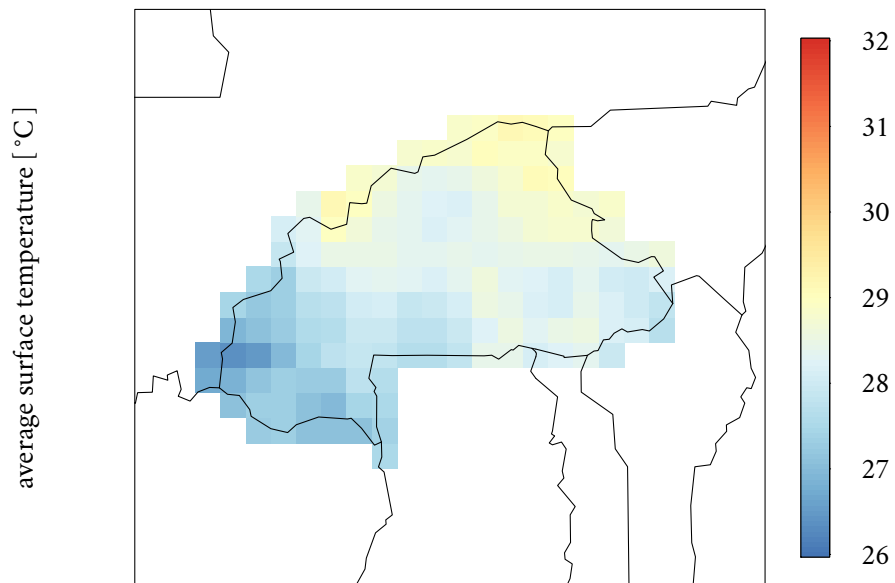


Figure 92: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2020 .. 2049

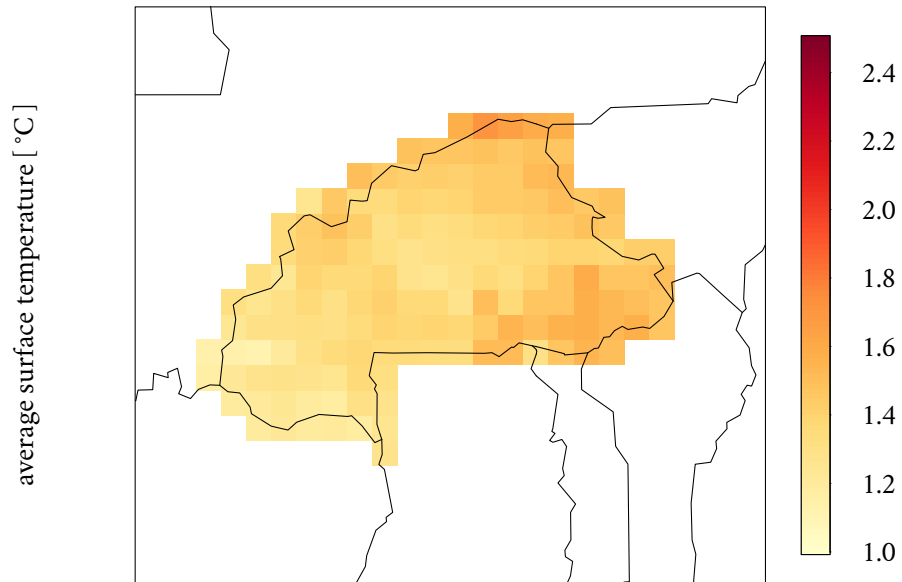


Figure 93: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

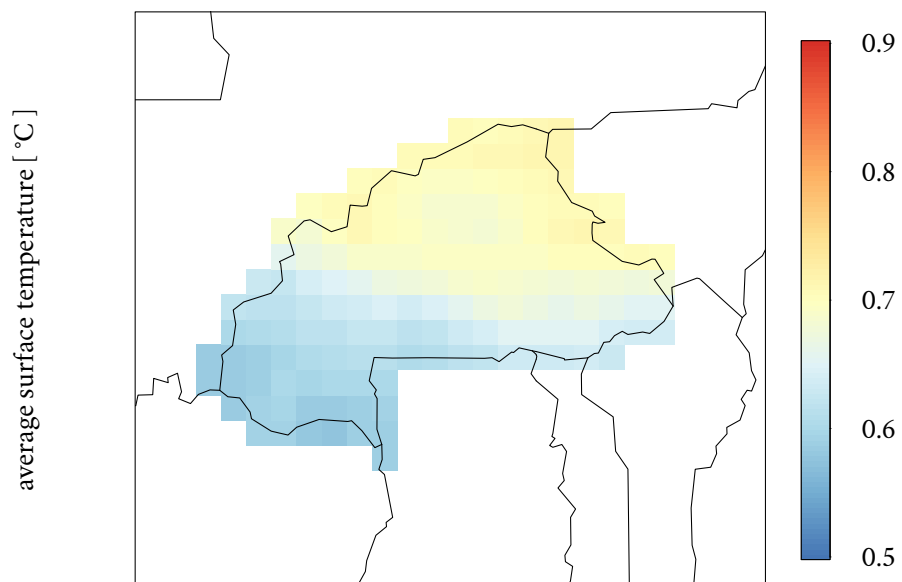


Figure 94: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

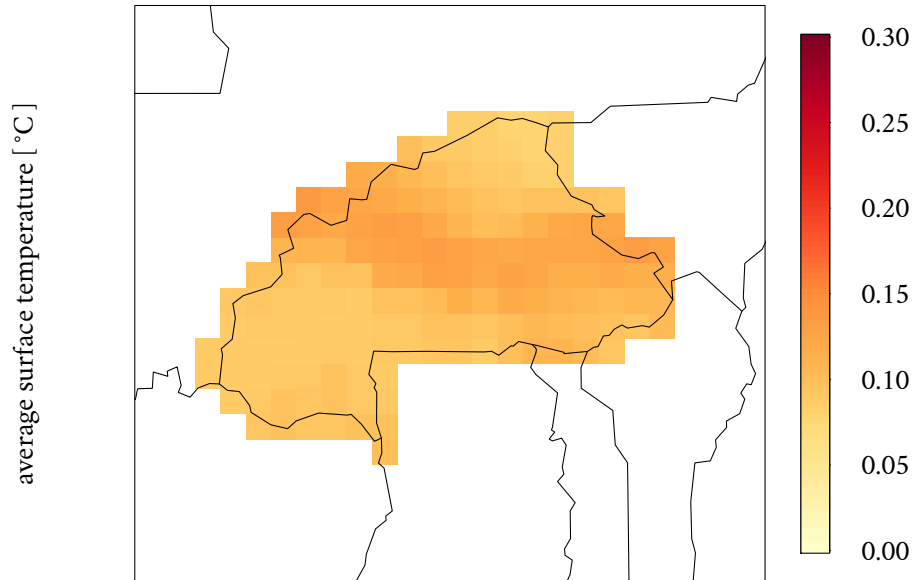


Figure 95: Model mean (19 models) of annual means, RCP 8.5, 2060 .. 2089

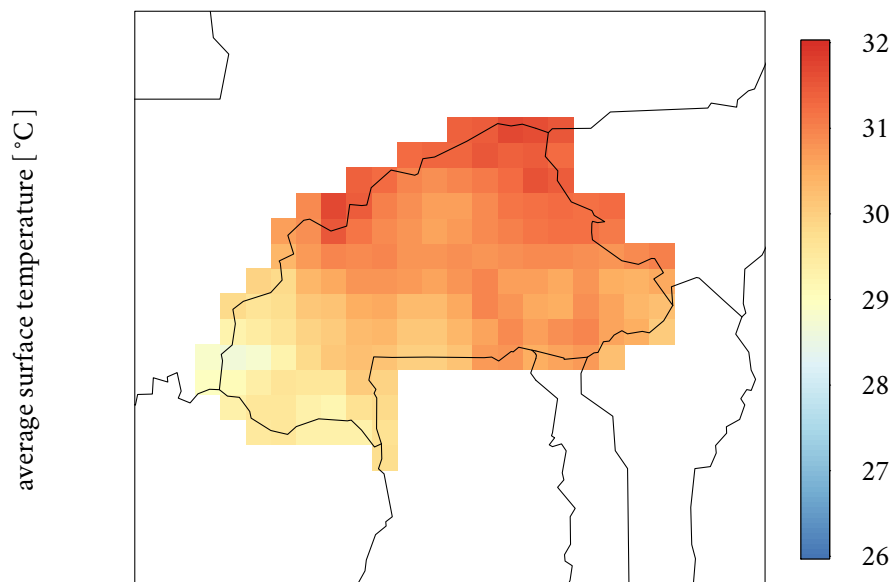


Figure 96: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2060 .. 2089

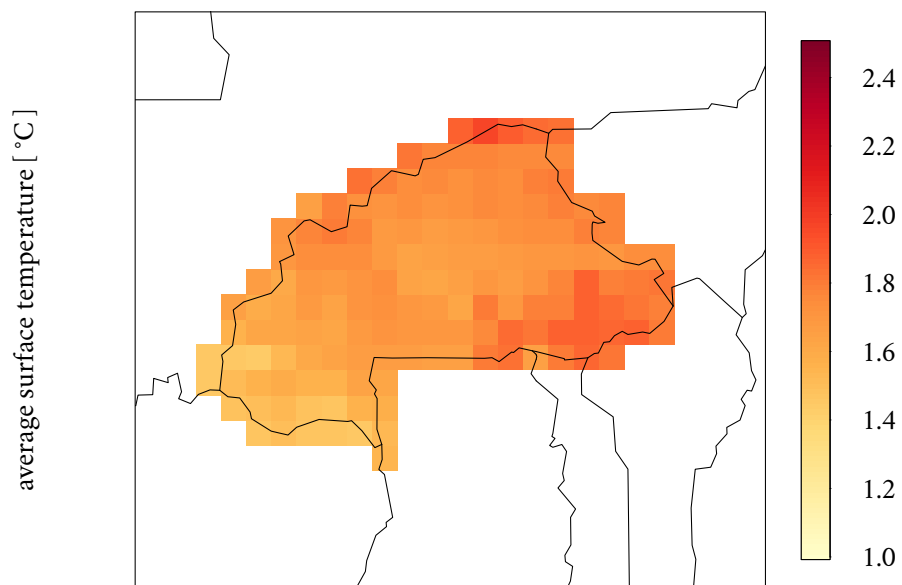


Figure 97: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

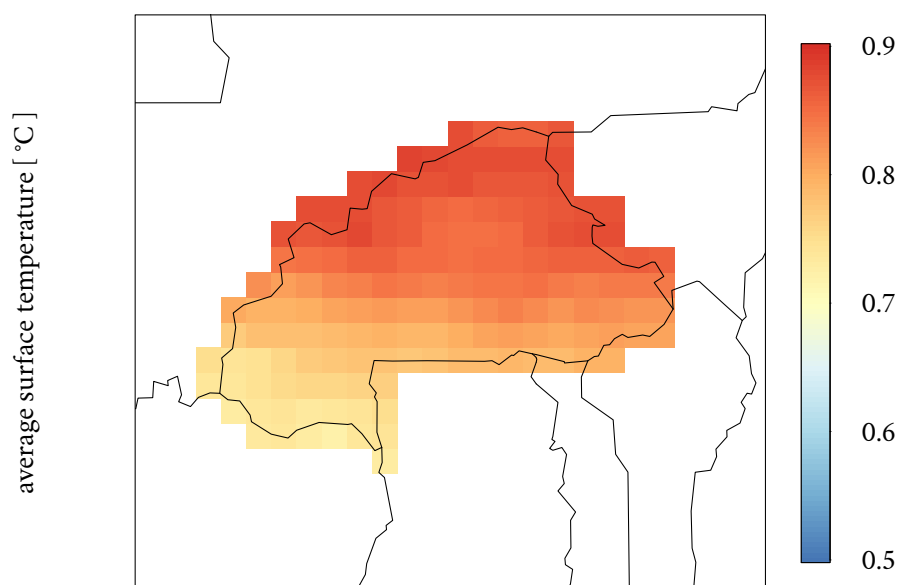


Figure 98: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

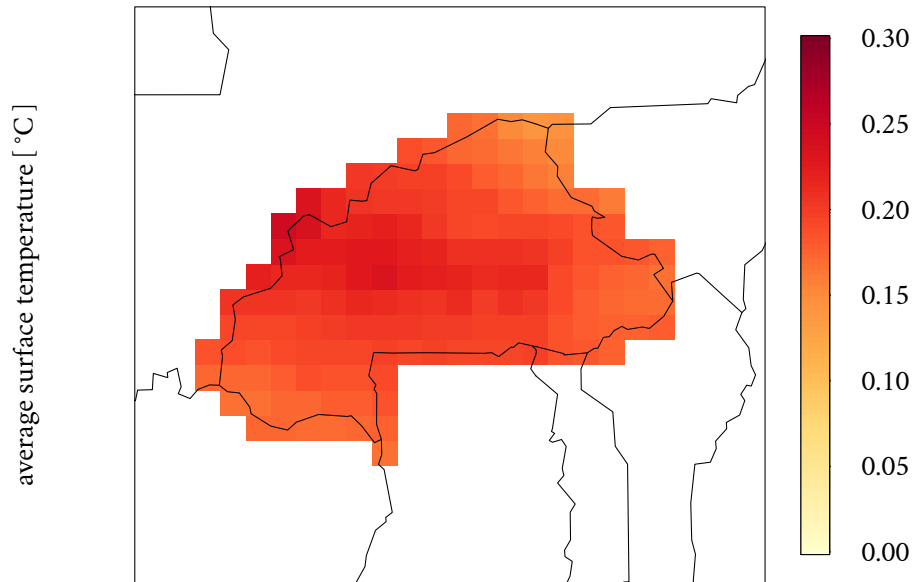


Figure 99: Time slice difference in mean across models of mean, RCP 8.5, 2060 .. 2089 — 2020 .. 2049

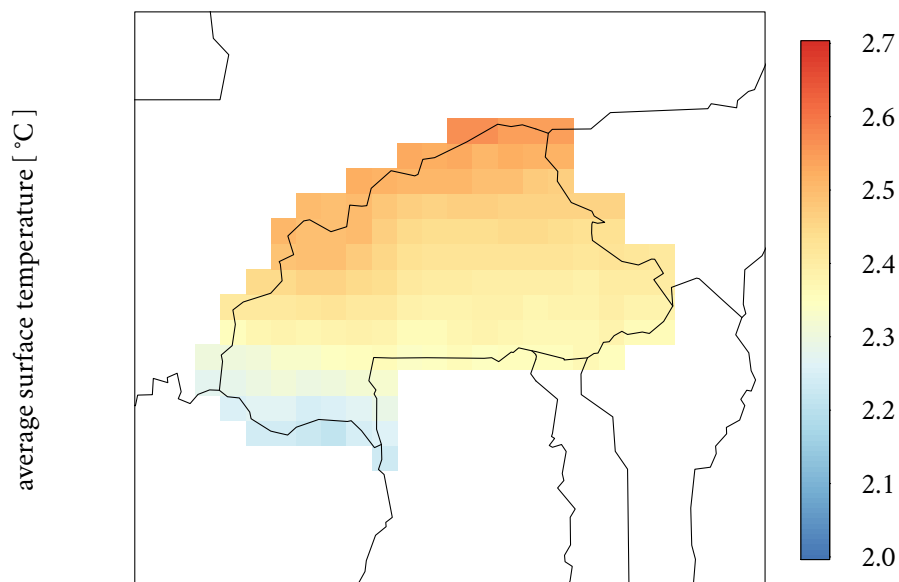
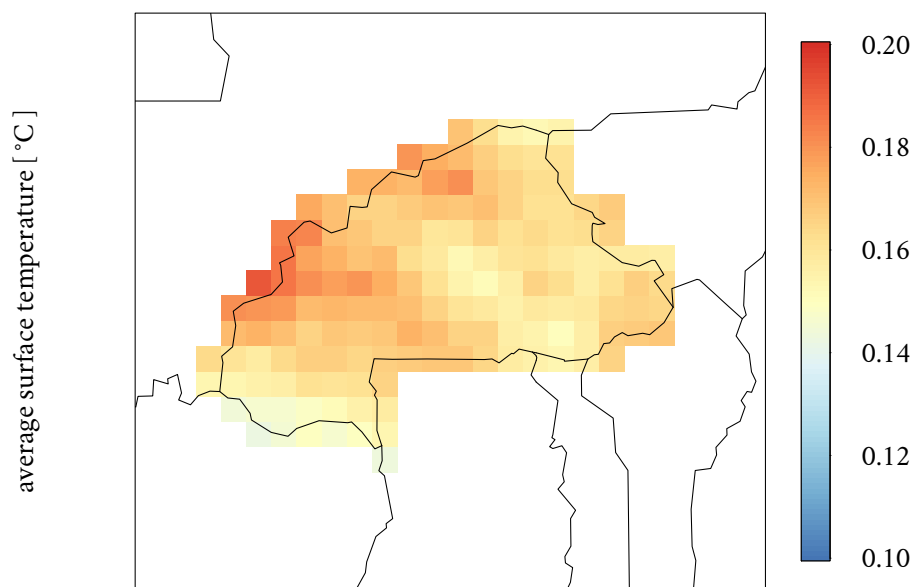


Figure 100: Time slice difference in mean across models of standard deviation, RCP 8.5, 2060 .. 2089 – 2020 .. 2049



4.3 Kenya / RCP 2.6

Figure 101: Model mean (10 models) of annual means, RCP 2.6, 2020 .. 2049

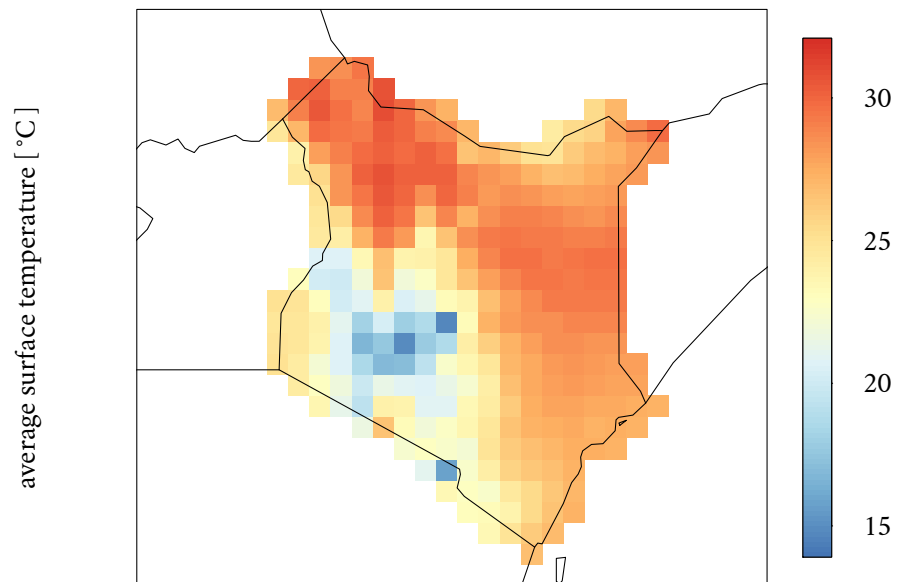


Figure 102: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2020 .. 2049

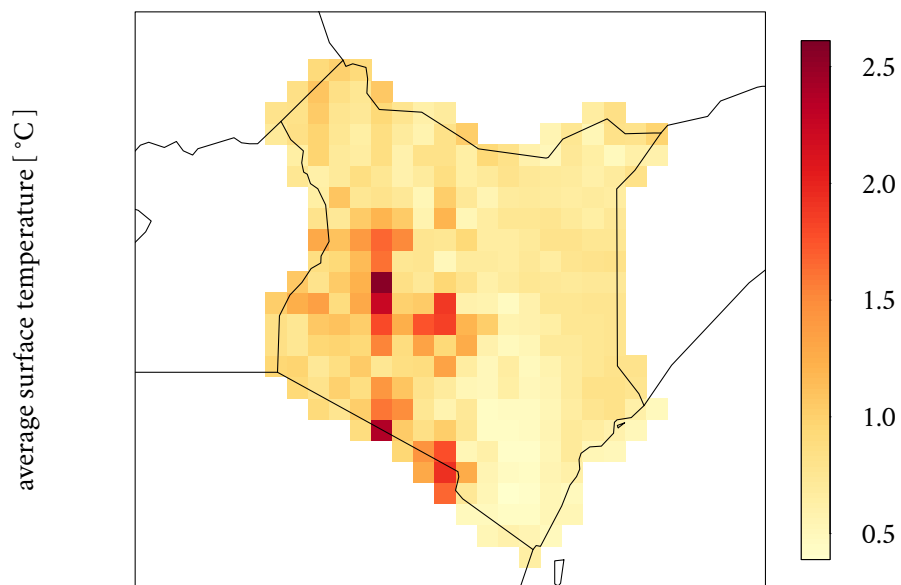


Figure 103: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

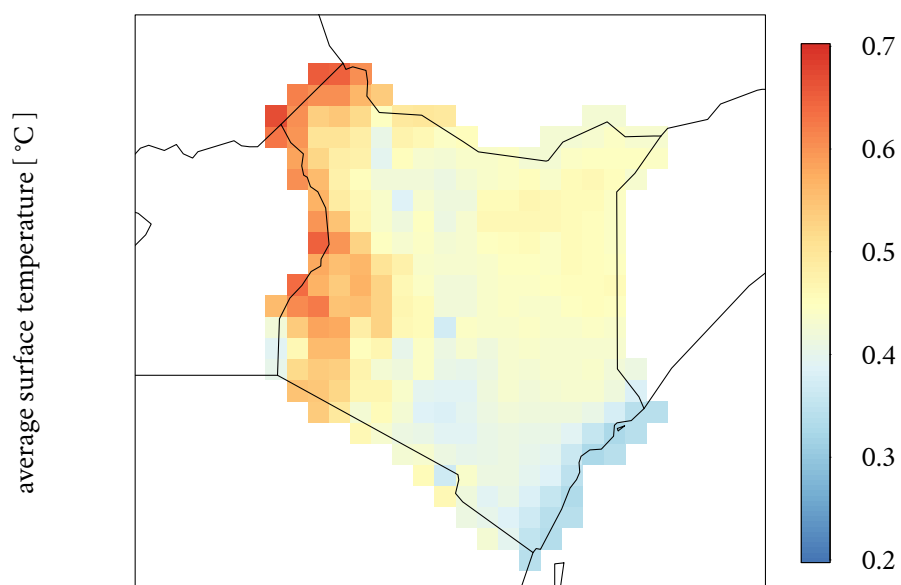


Figure 104: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

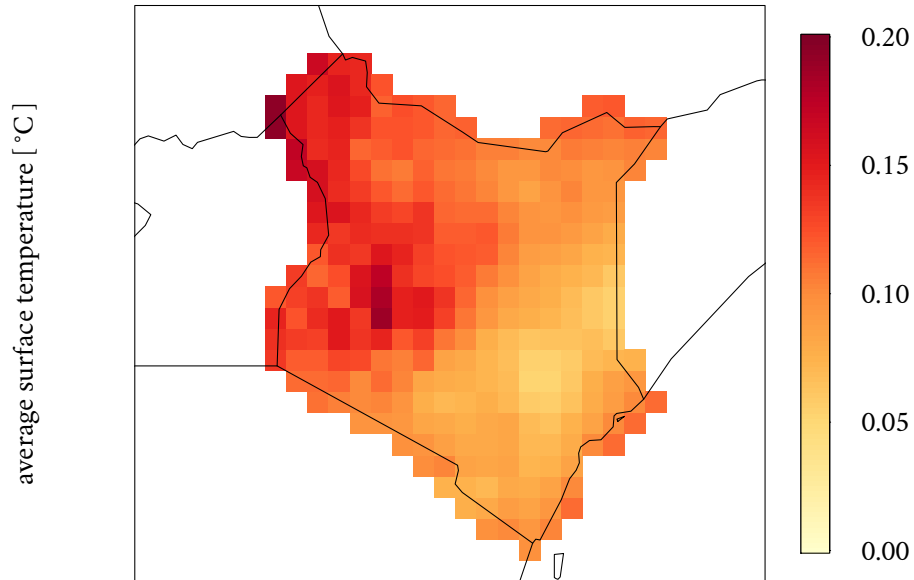


Figure 105: Model mean (10 models) of annual means, RCP 2.6, 2060 .. 2089

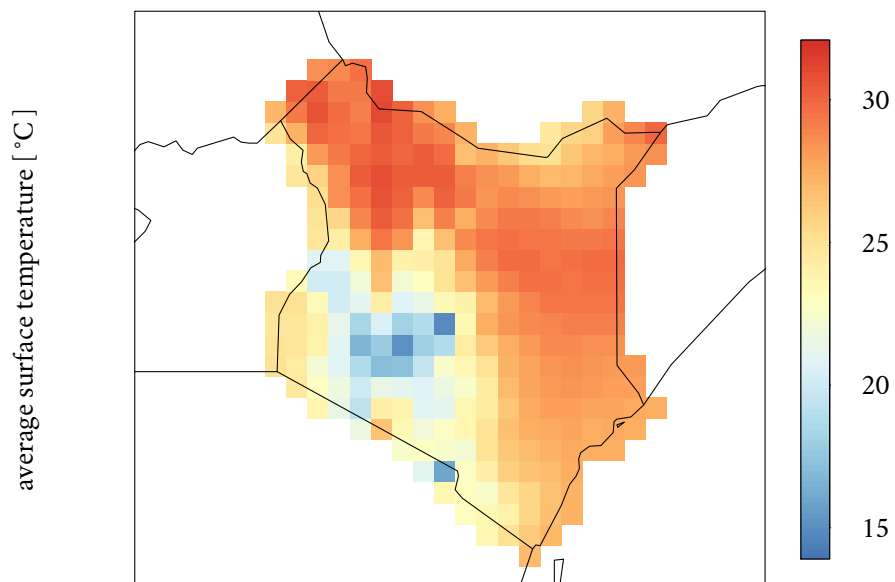


Figure 106: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2060 .. 2089

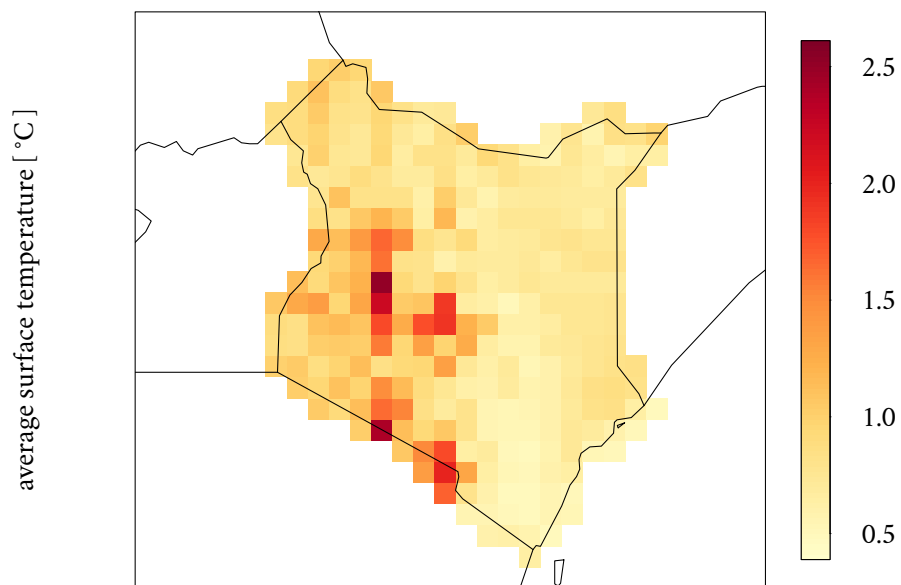


Figure 107: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

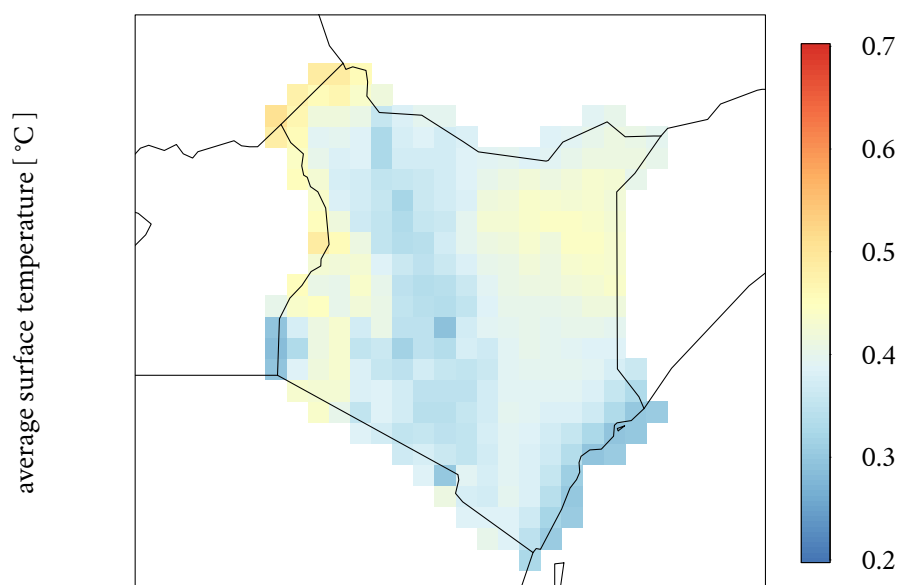


Figure 108: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

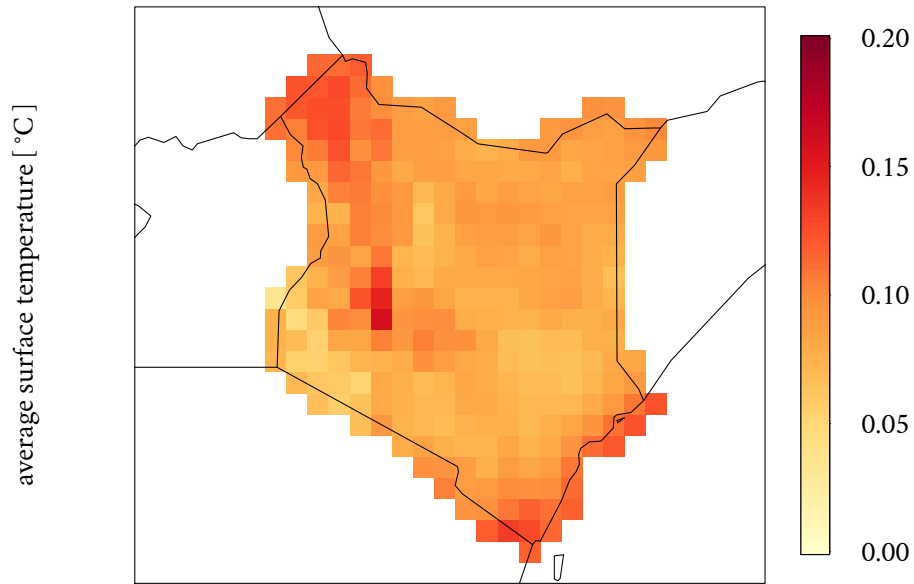


Figure 109: Time slice difference in mean across models of mean, RCP 2.6, 2060 .. 2089 — 2020 .. 2049

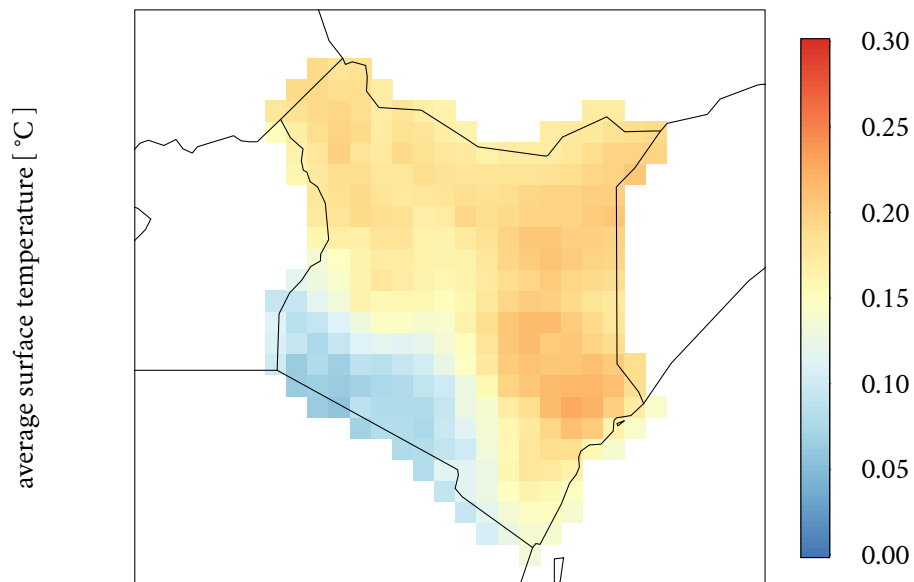
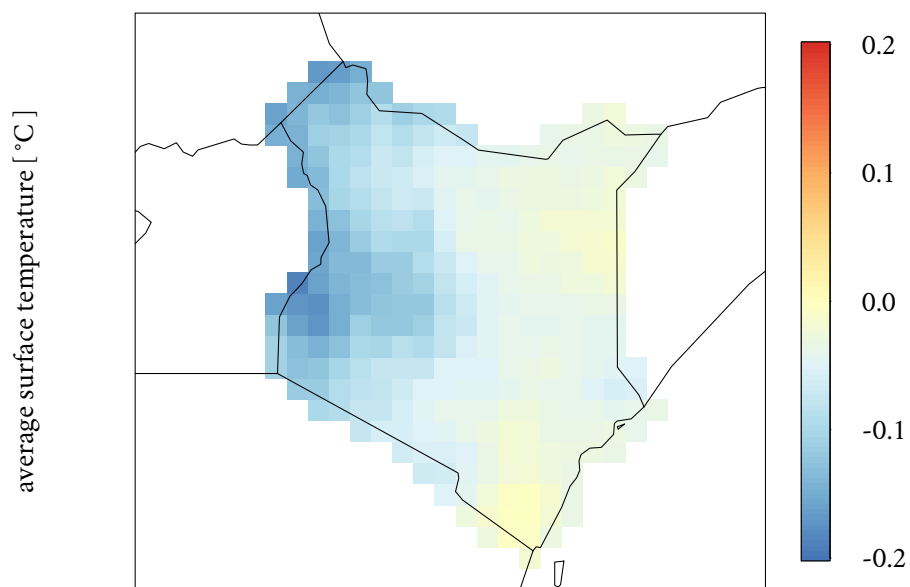


Figure 110: Time slice difference in mean across models of standard deviation, RCP 2.6, 2060 .. 2089 – 2020 .. 2049



4.4 Kenya / RCP 8.5

Figure 111: Model mean (19 models) of annual means, RCP 8.5, 2020 .. 2049

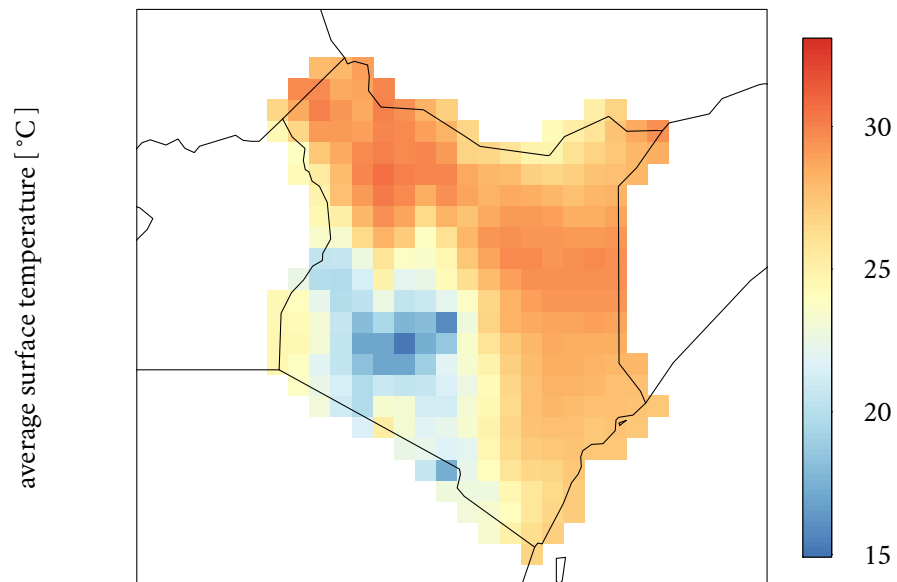


Figure 112: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2020 .. 2049

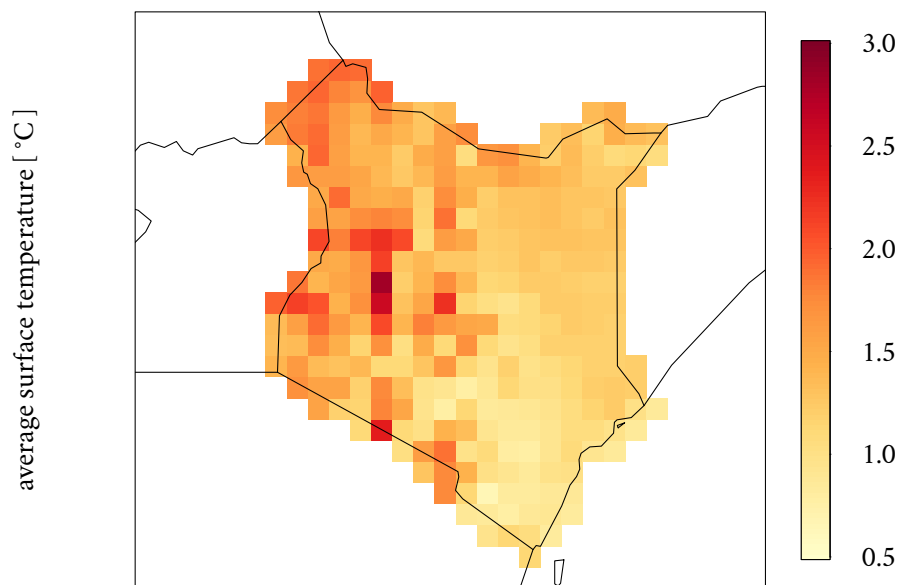


Figure 113: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

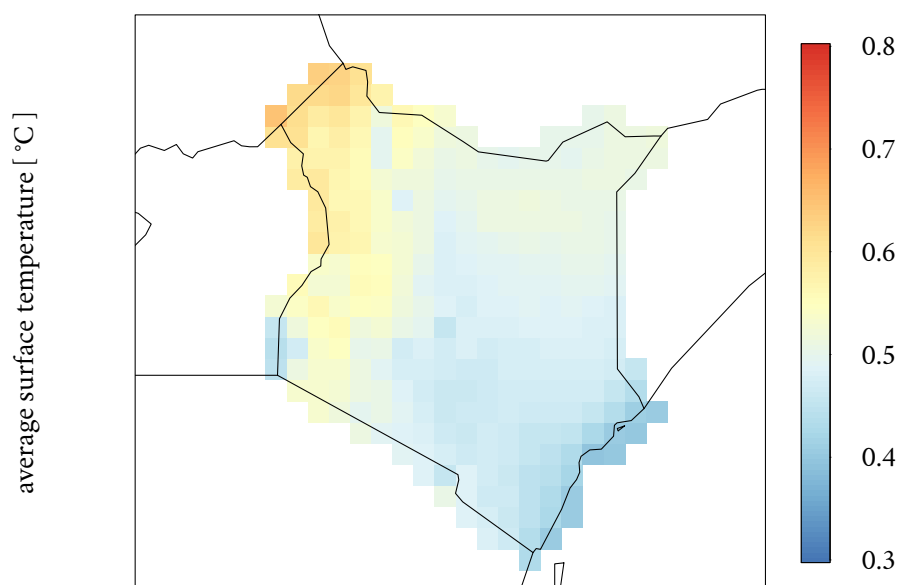


Figure 114: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

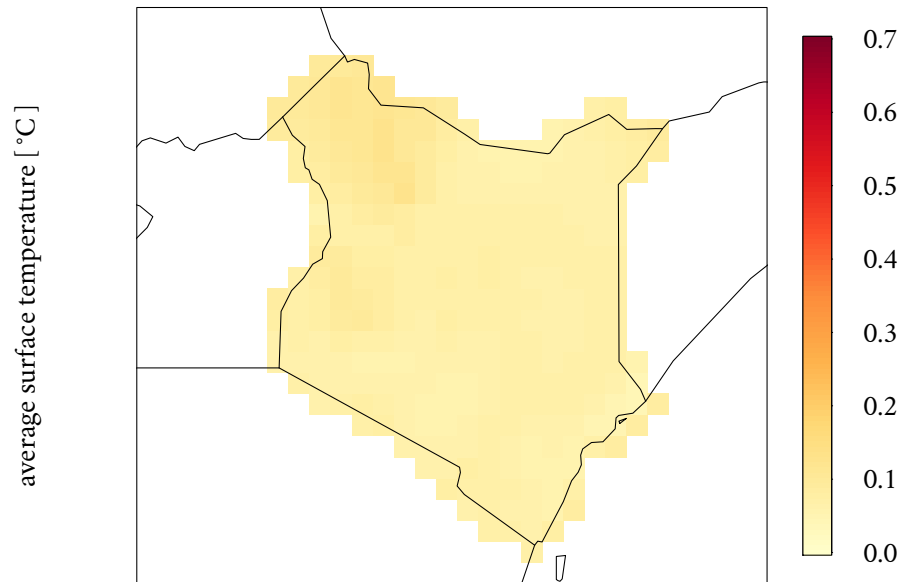


Figure 115: Model mean (19 models) of annual means, RCP 8.5, 2060 .. 2089

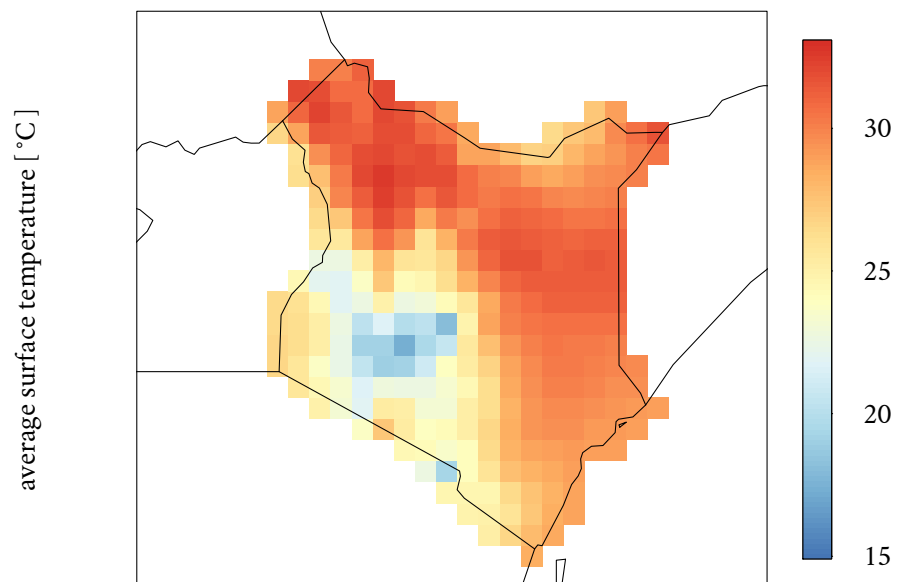


Figure 116: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2060 .. 2089

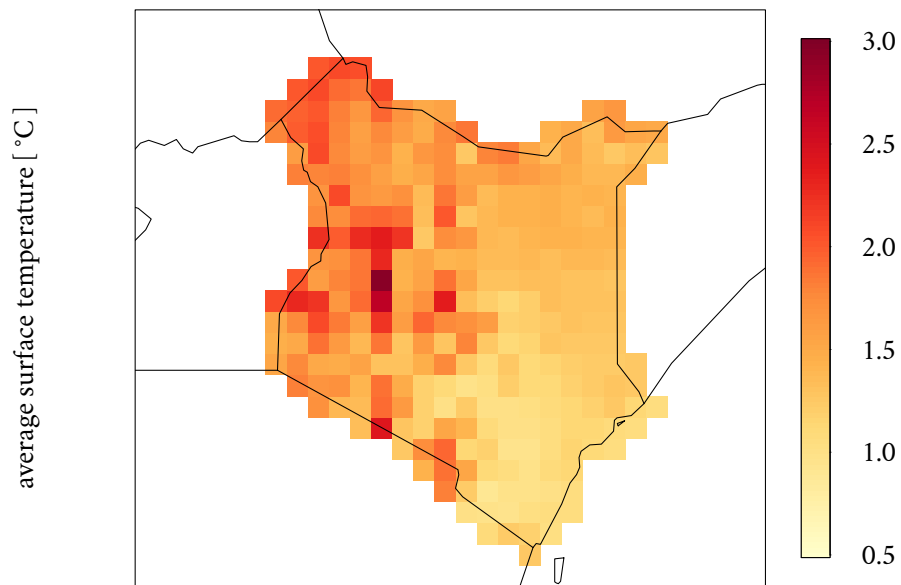


Figure 117: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

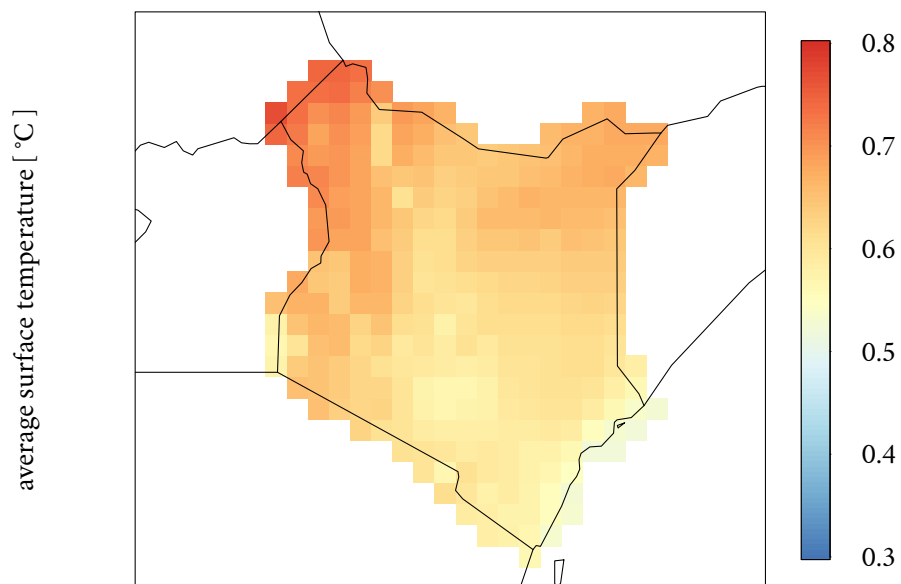


Figure 118: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

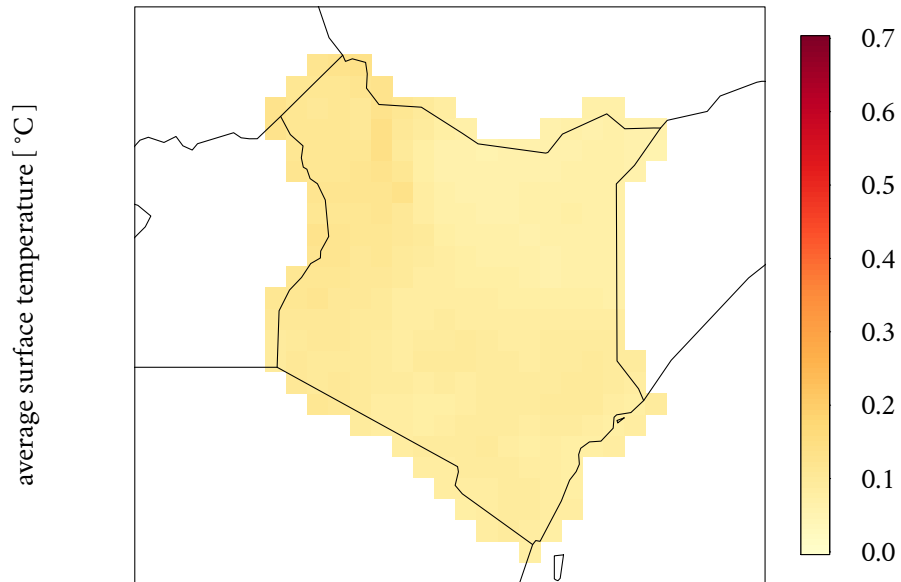


Figure 119: Time slice difference in mean across models of mean, RCP 8.5, 2060 .. 2089 — 2020 .. 2049

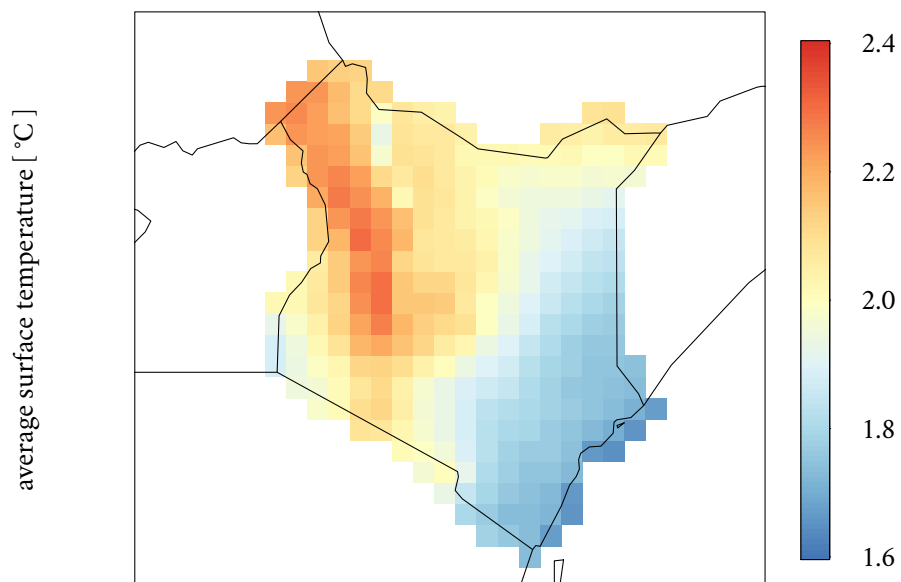
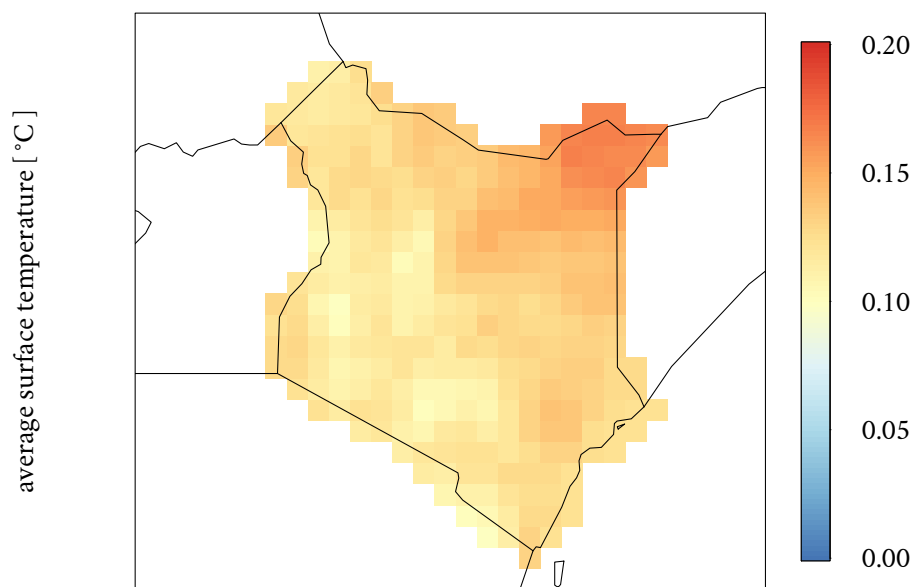


Figure 120: Time slice difference in mean across models of standard deviation, RCP 8.5, 2060 .. 2089 – 2020 .. 2049



5 Minimum surface temperature

5.1 Burkina Faso / RCP 2.6

Figure 121: Model mean (10 models) of annual means, RCP 2.6, 2020 .. 2049

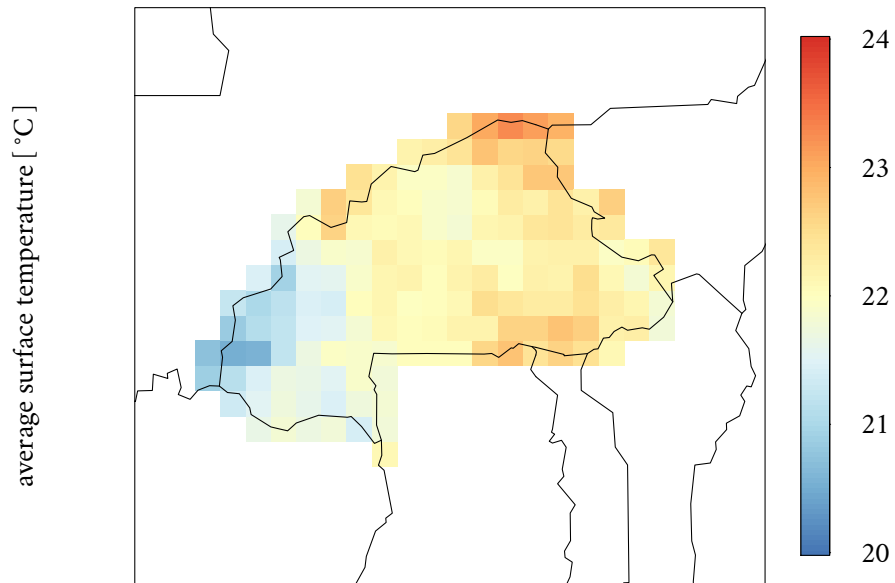


Figure 122: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2020 .. 2049

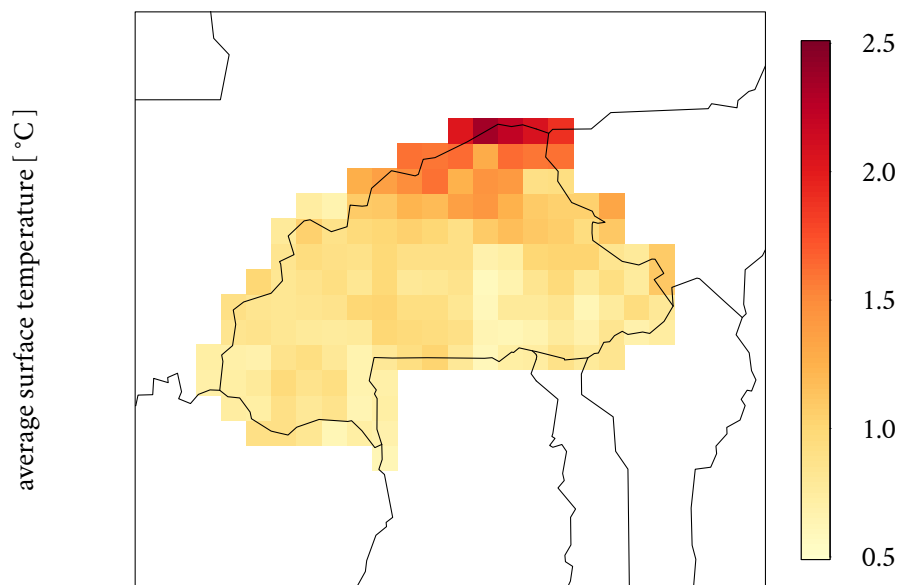


Figure 123: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

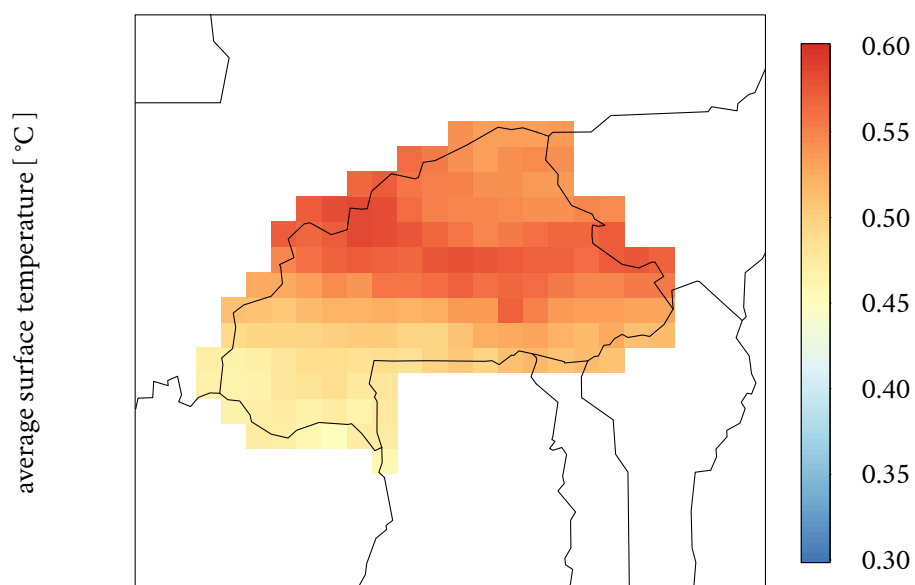


Figure 124: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

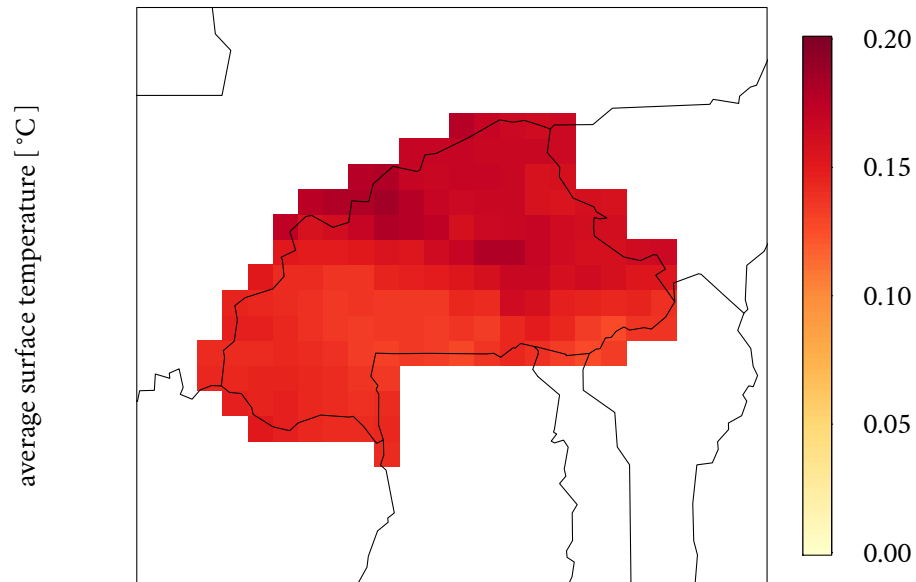


Figure 125: Model mean (10 models) of annual means, RCP 2.6, 2060 .. 2089

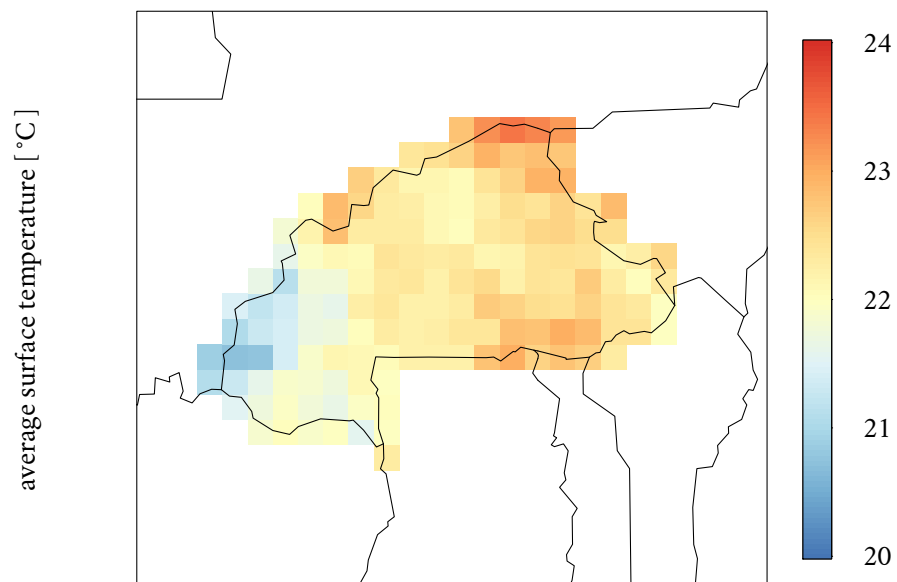


Figure 126: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2060 .. 2089

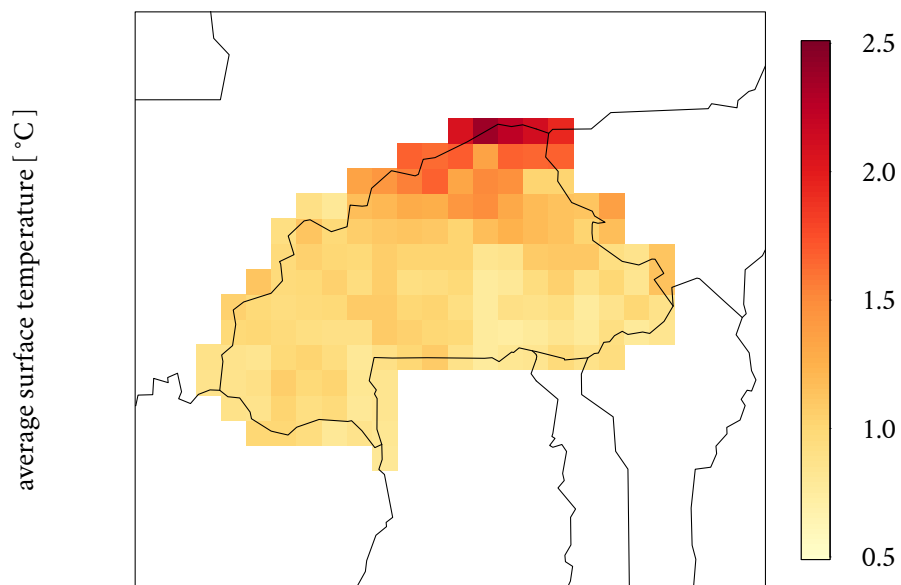


Figure 127: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

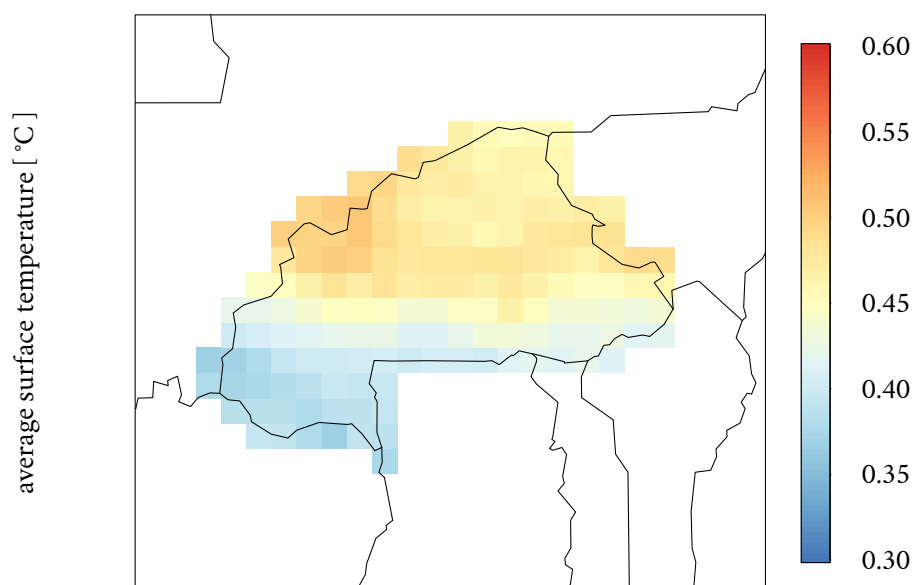


Figure 128: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

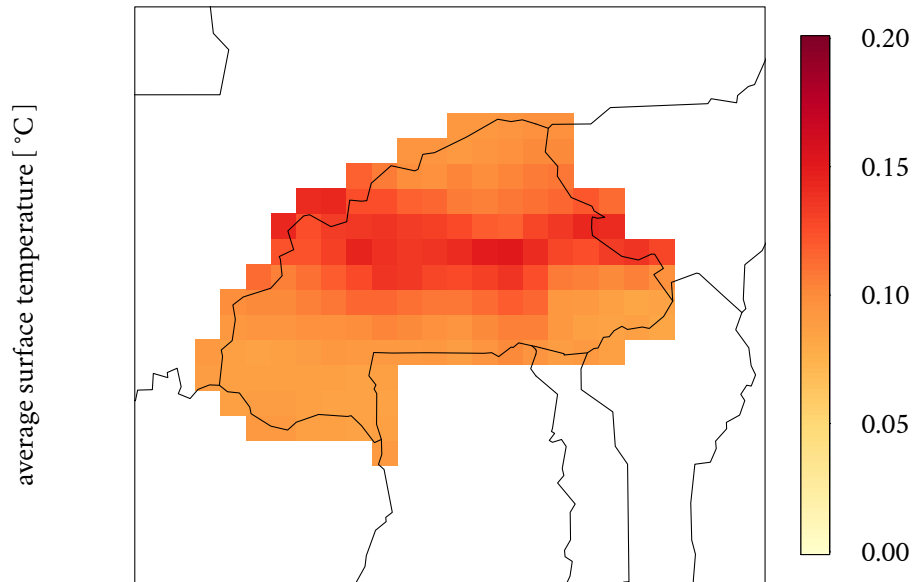


Figure 129: Time slice difference in mean across models of mean, RCP 2.6, 2060 .. 2089 — 2020 .. 2049

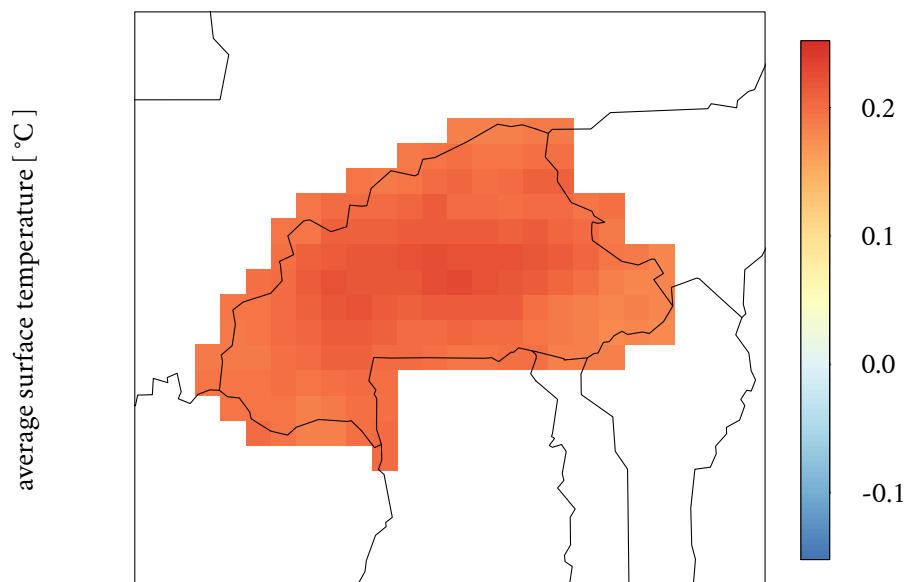
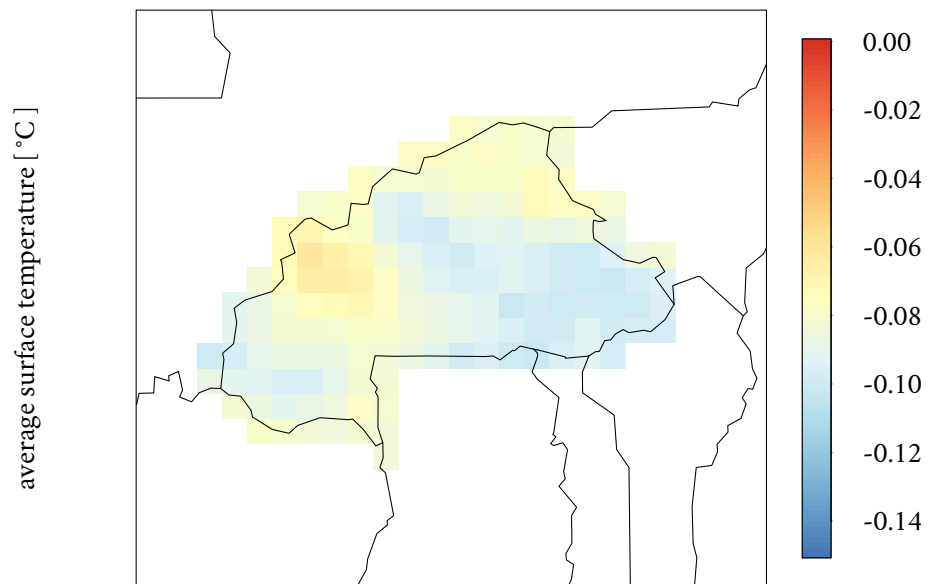


Figure 130: Time slice difference in mean across models of standard deviation, RCP 2.6, 2060 .. 2089 – 2020 .. 2049



5.2 Burkina Faso / RCP 8.5

Figure 131: Model mean (19 models) of annual means, RCP 8.5, 2020 .. 2049

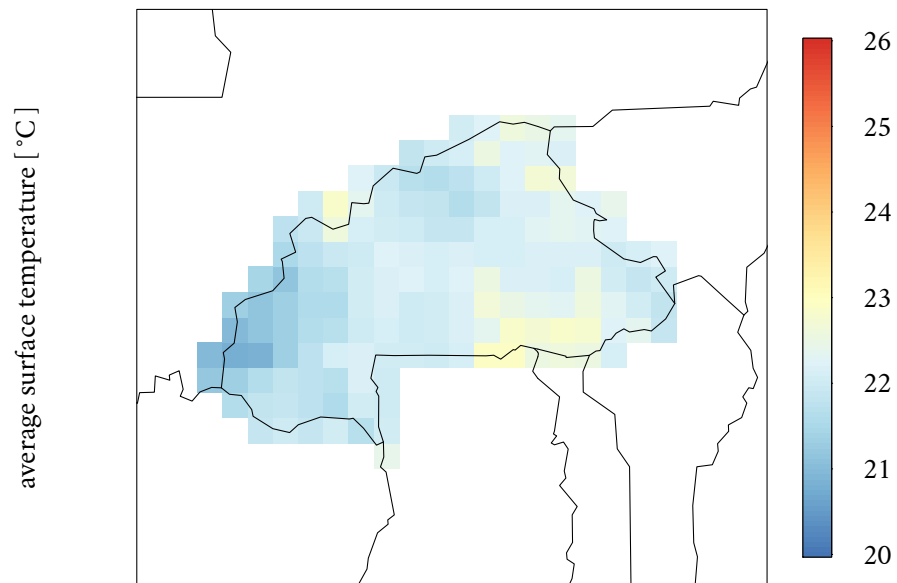


Figure 132: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2020 .. 2049

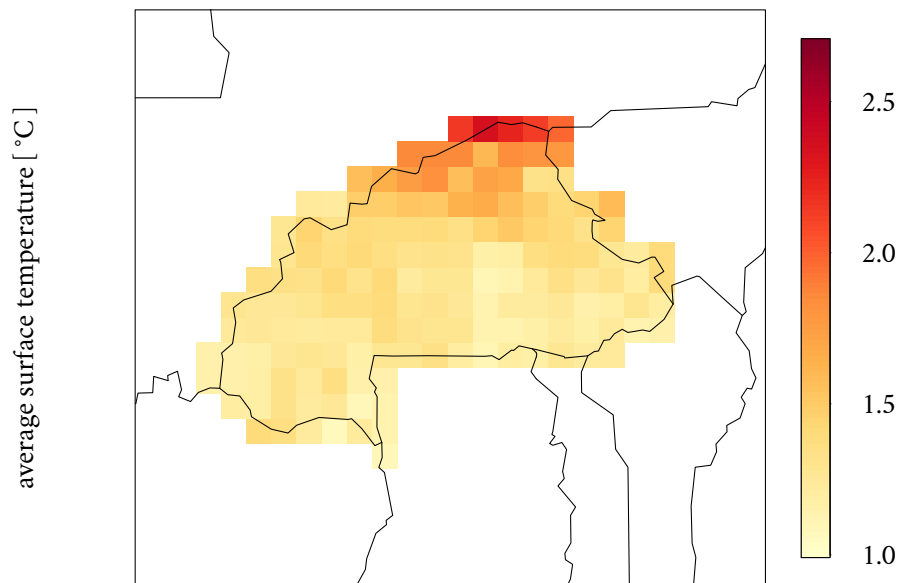


Figure 133: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

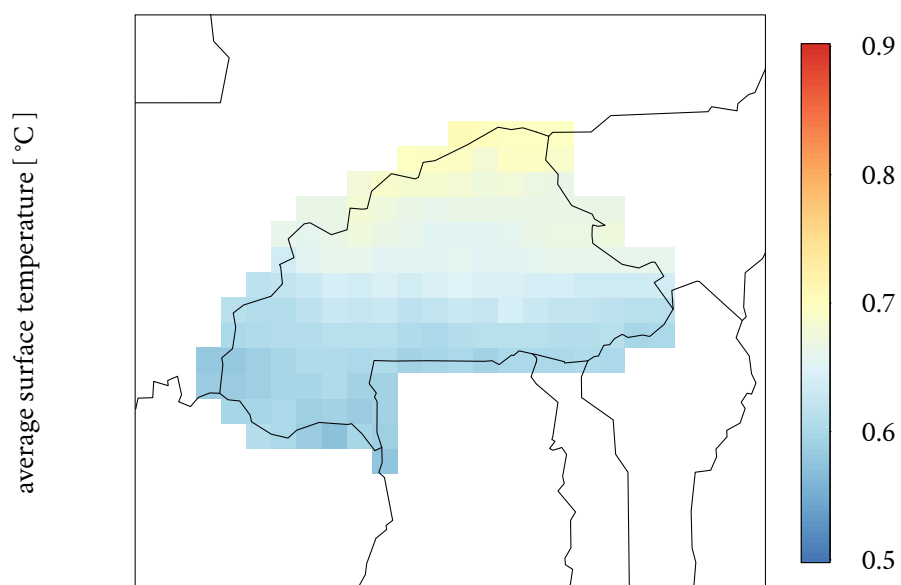


Figure 134: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

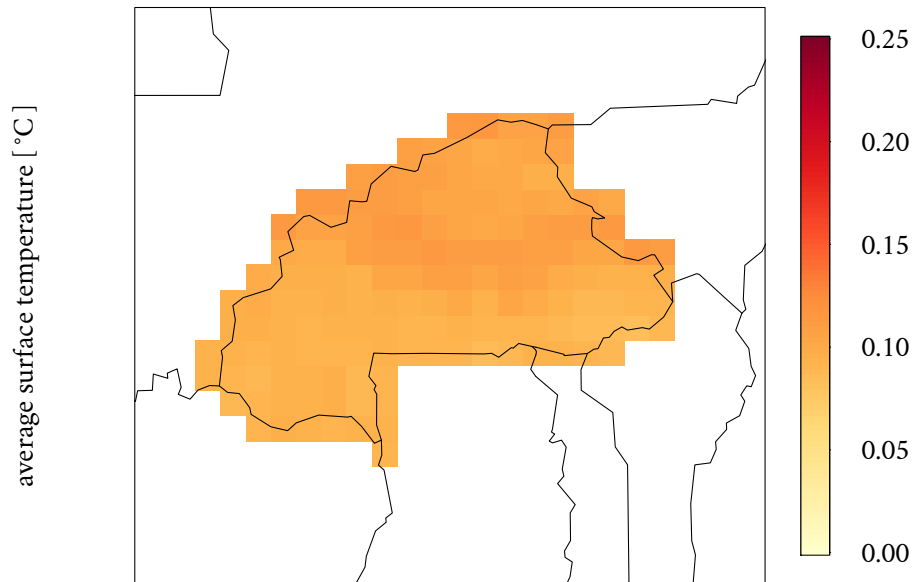


Figure 135: Model mean (19 models) of annual means, RCP 8.5, 2060 .. 2089

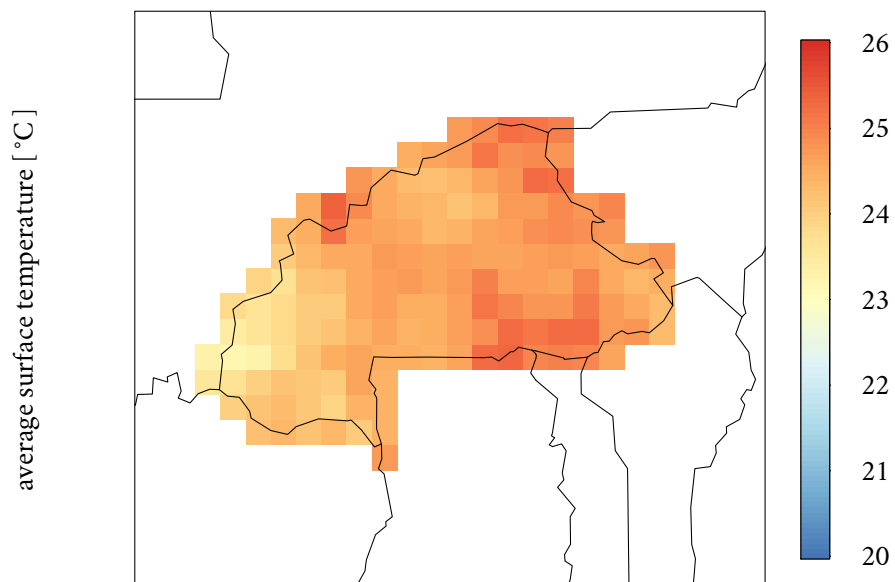


Figure 136: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2060 .. 2089

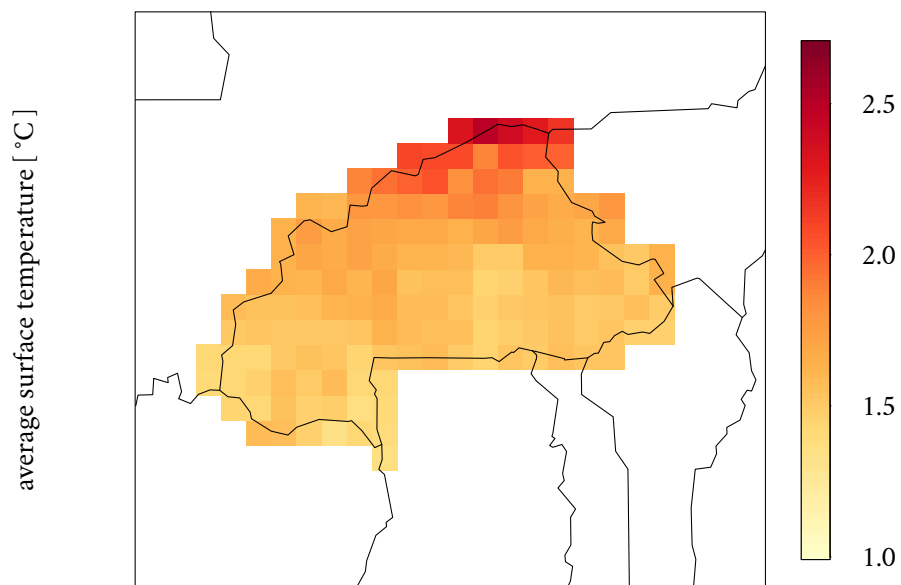


Figure 137: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

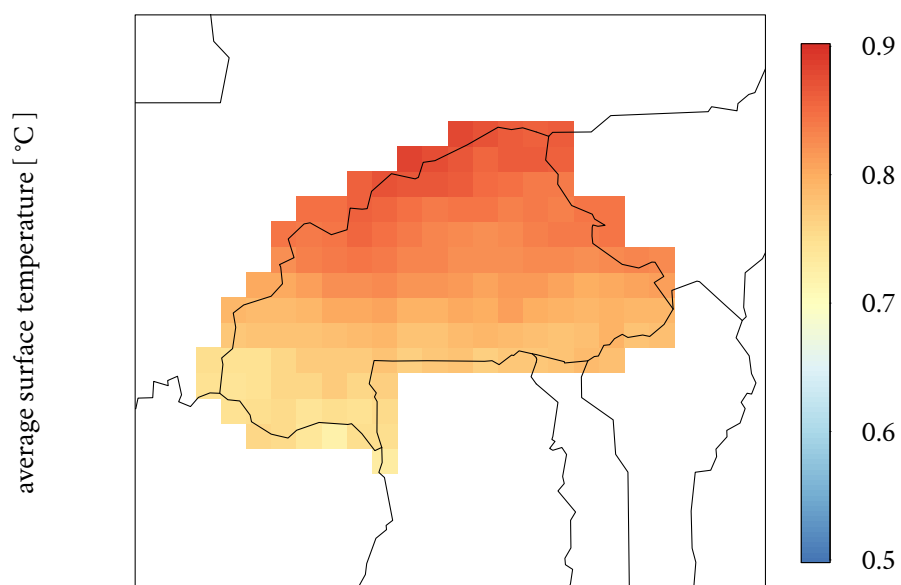


Figure 138: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

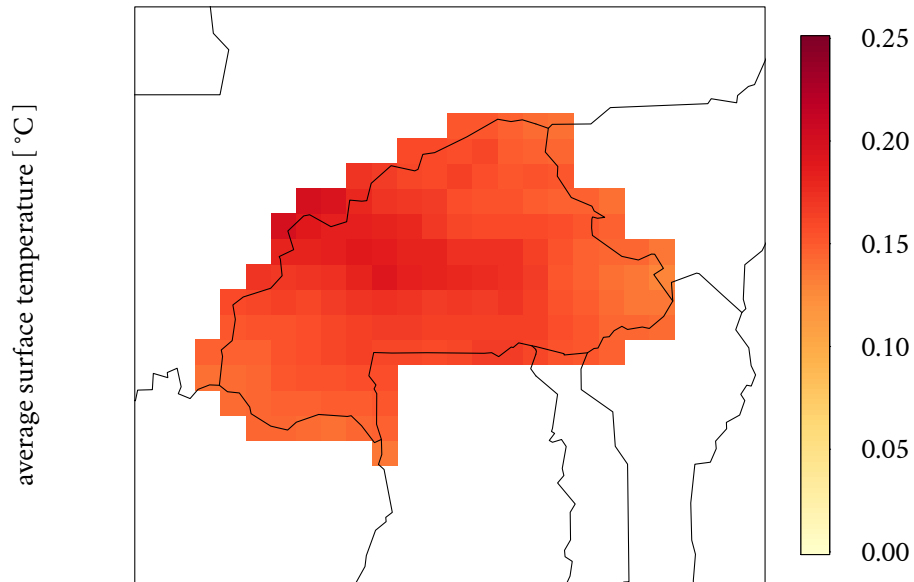


Figure 139: Time slice difference in mean across models of mean, RCP 8.5, 2060 .. 2089 — 2020 .. 2049

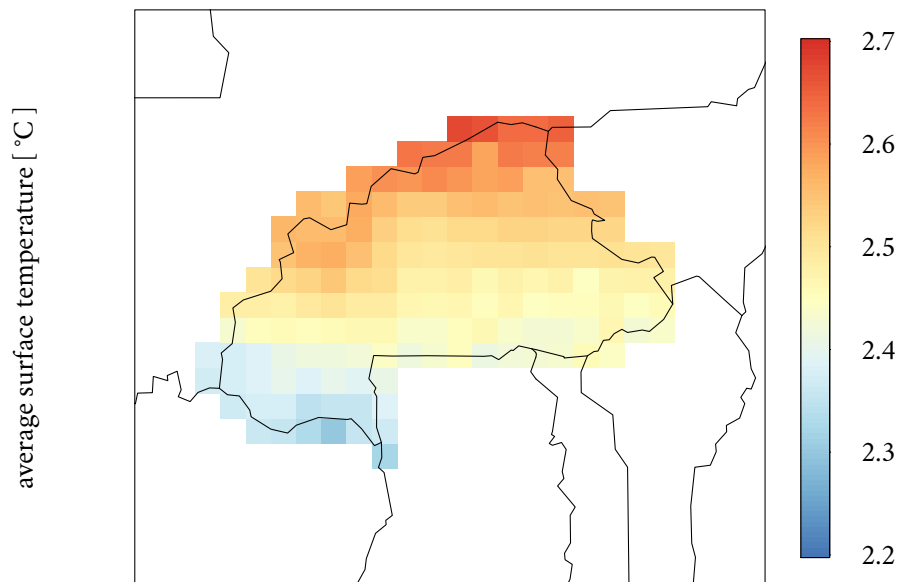
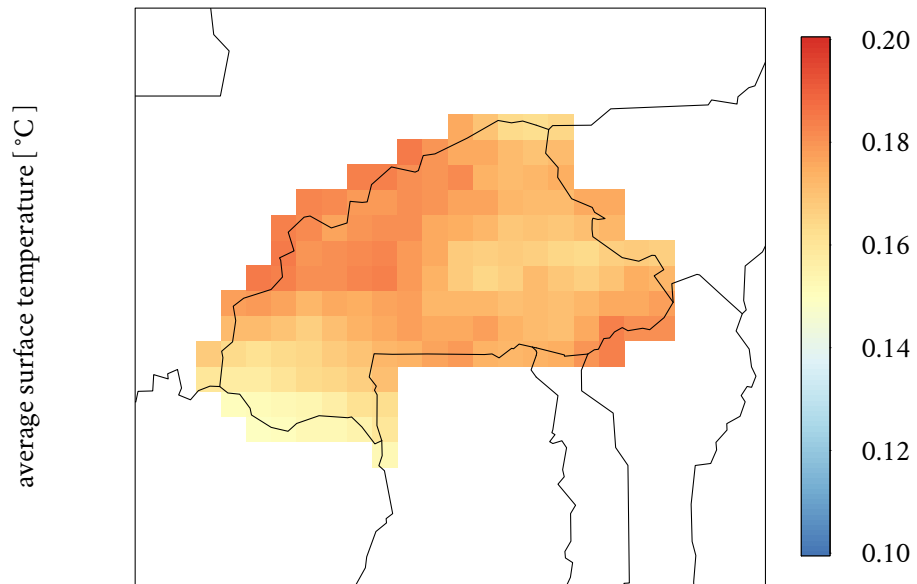


Figure 140: Time slice difference in mean across models of standard deviation, RCP 8.5, 2060 .. 2089 – 2020 .. 2049



5.3 Kenya / RCP 2.6

Figure 141: Model mean (10 models) of annual means, RCP 2.6, 2020 .. 2049

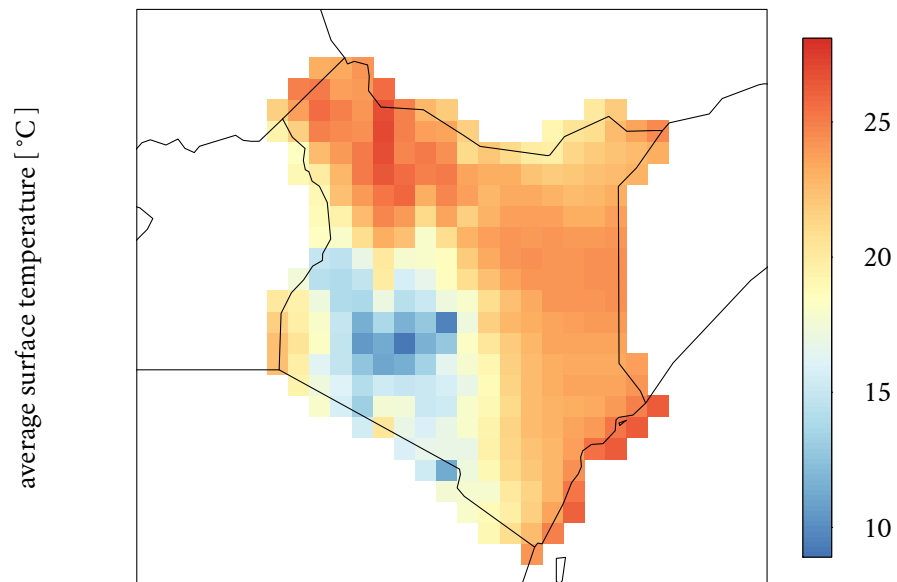


Figure 142: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2020 .. 2049

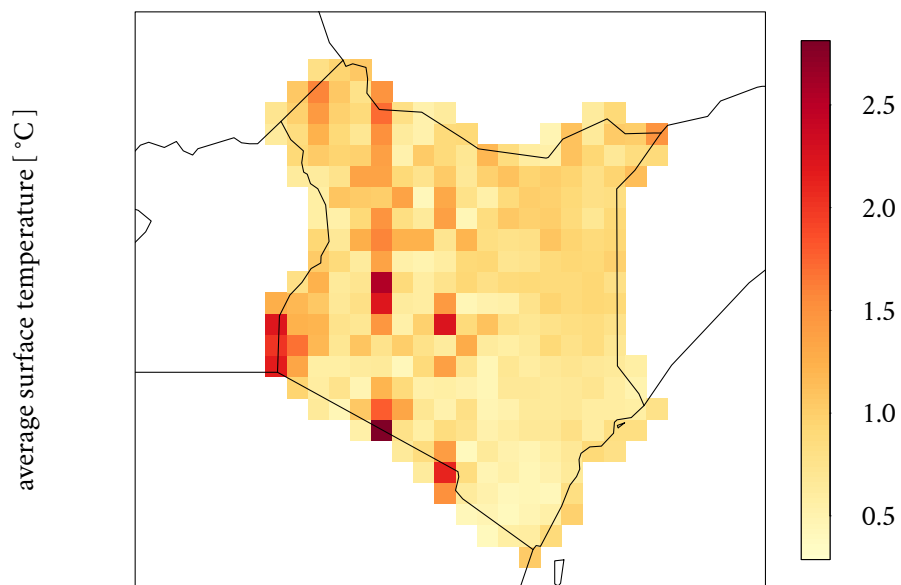


Figure 143: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

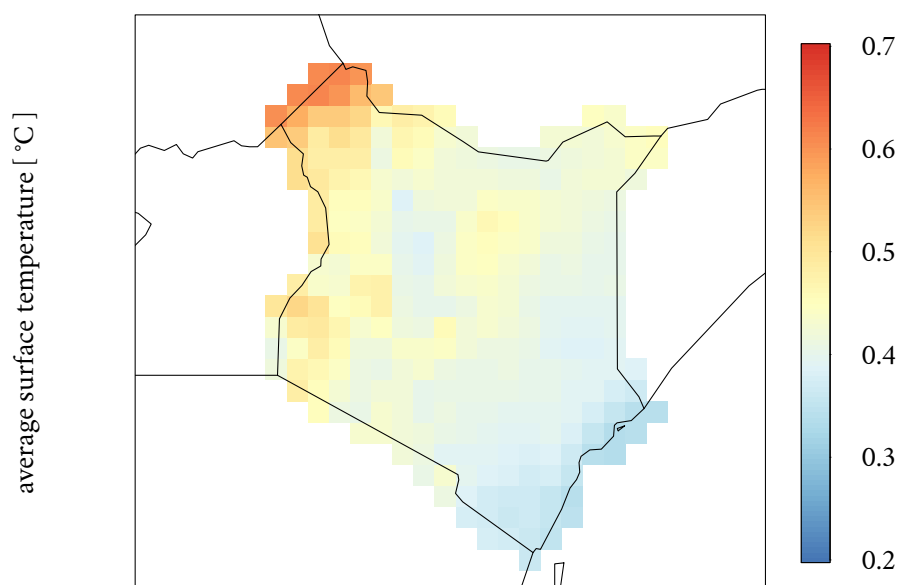


Figure 144: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

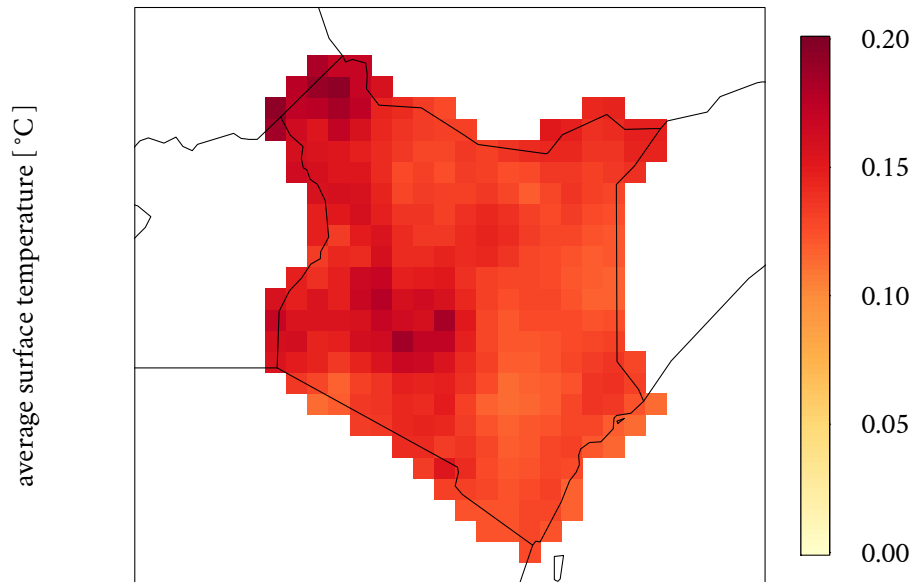


Figure 145: Model mean (10 models) of annual means, RCP 2.6, 2060 .. 2089

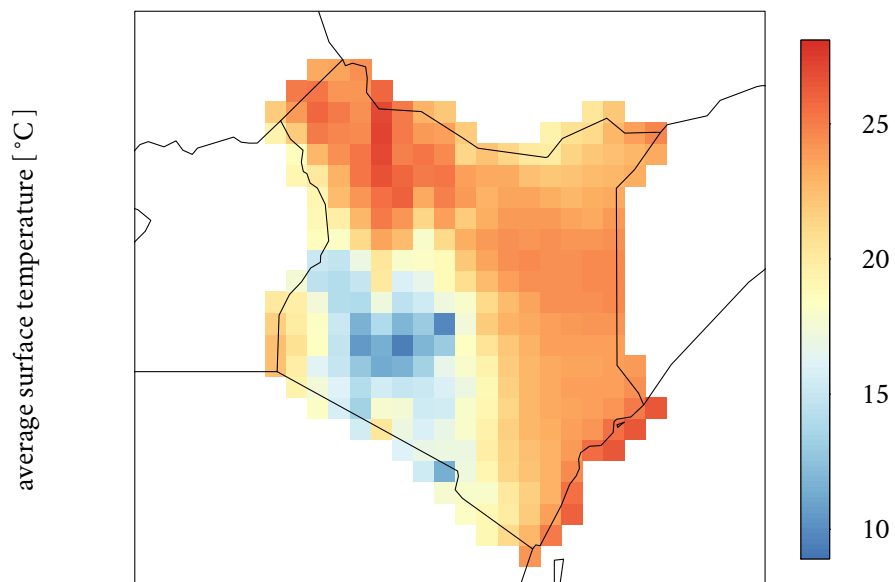


Figure 146: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2060 .. 2089

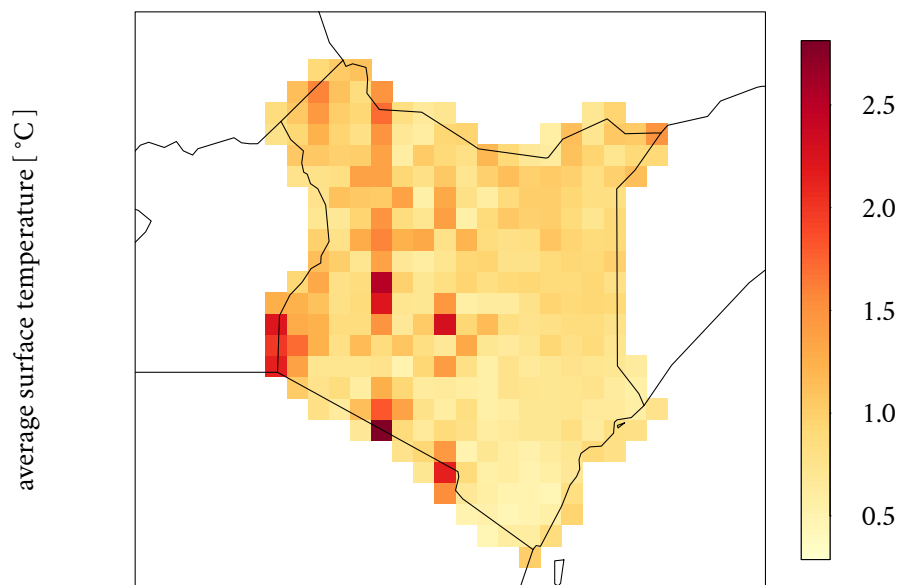


Figure 147: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

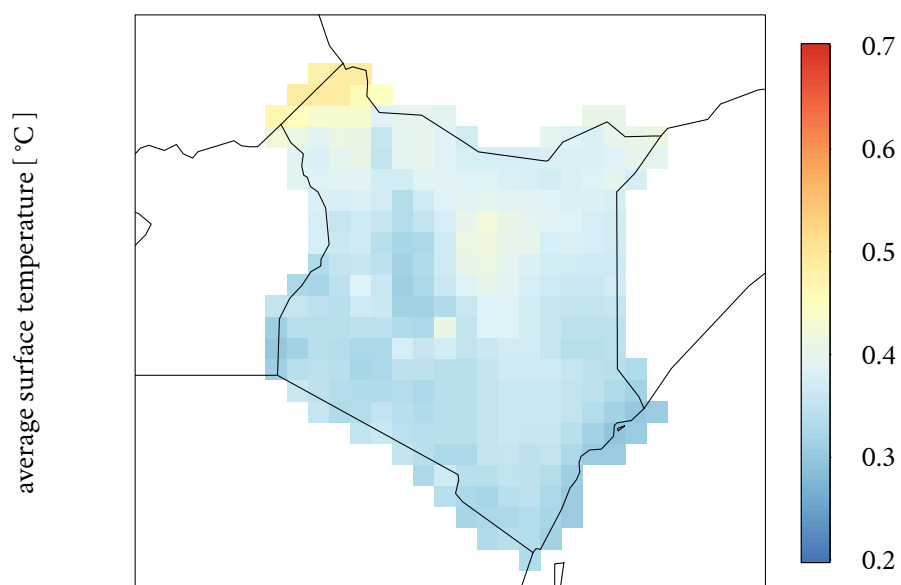


Figure 148: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

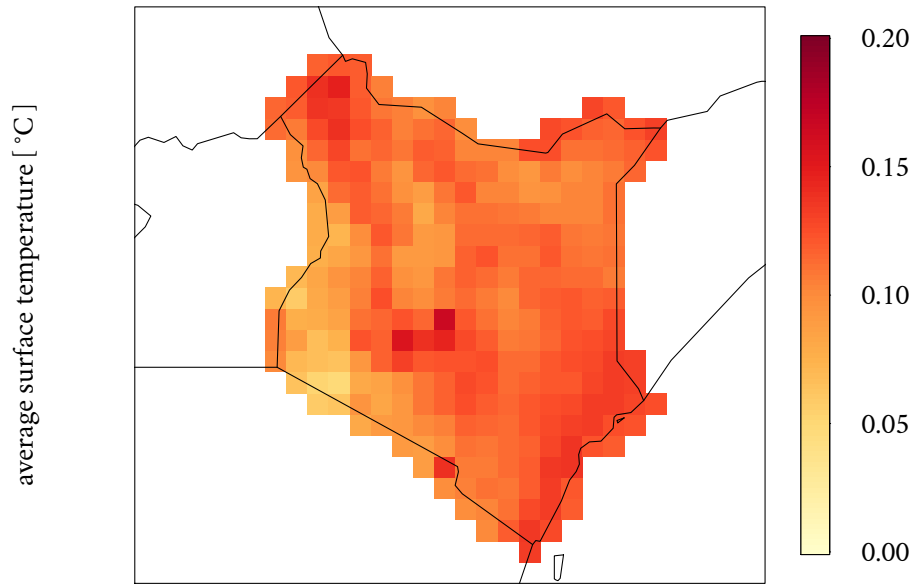


Figure 149: Time slice difference in mean across models of mean, RCP 2.6, 2060 .. 2089 — 2020 .. 2049

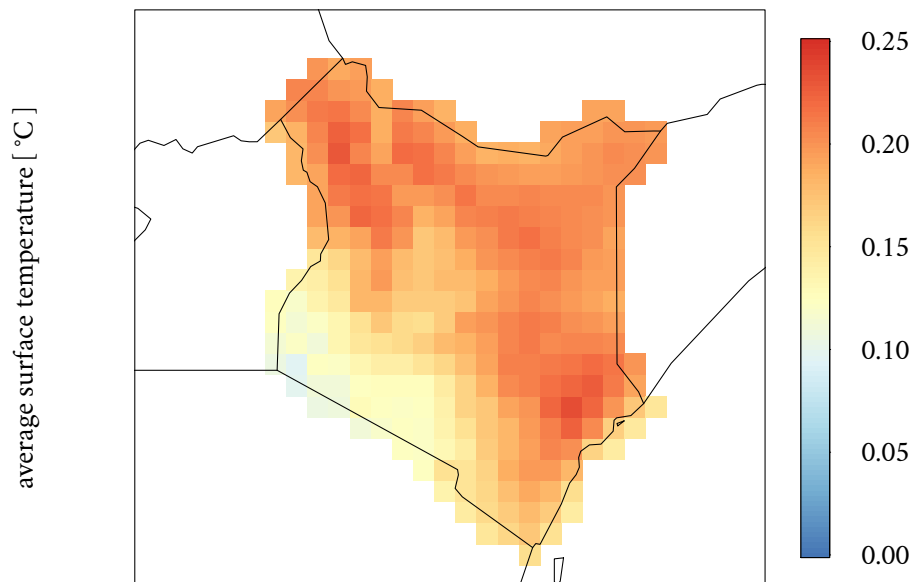
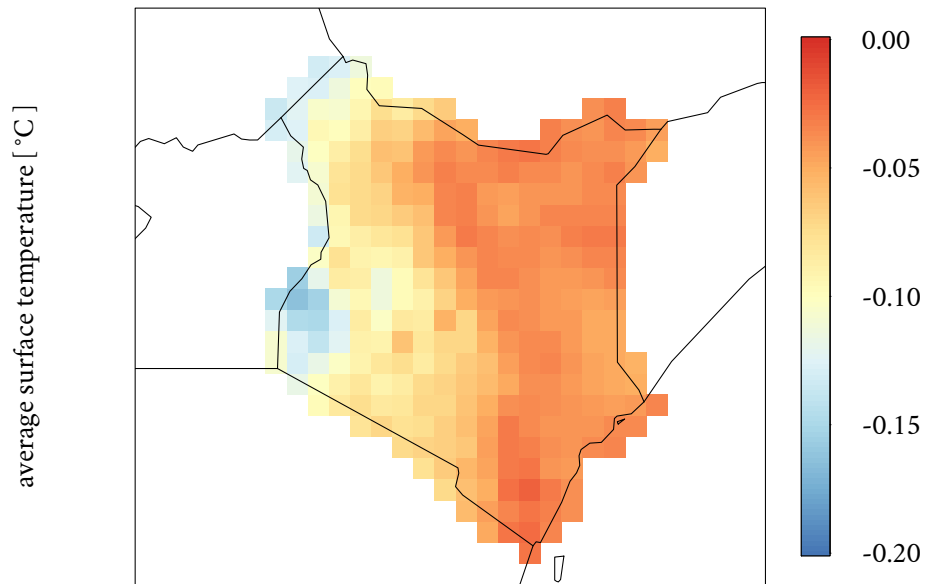


Figure 150: Time slice difference in mean across models of standard deviation, RCP 2.6, 2060 .. 2089 – 2020 .. 2049



5.4 Kenya / RCP 8.5

Figure 151: Model mean (19 models) of annual means, RCP 8.5, 2020 .. 2049

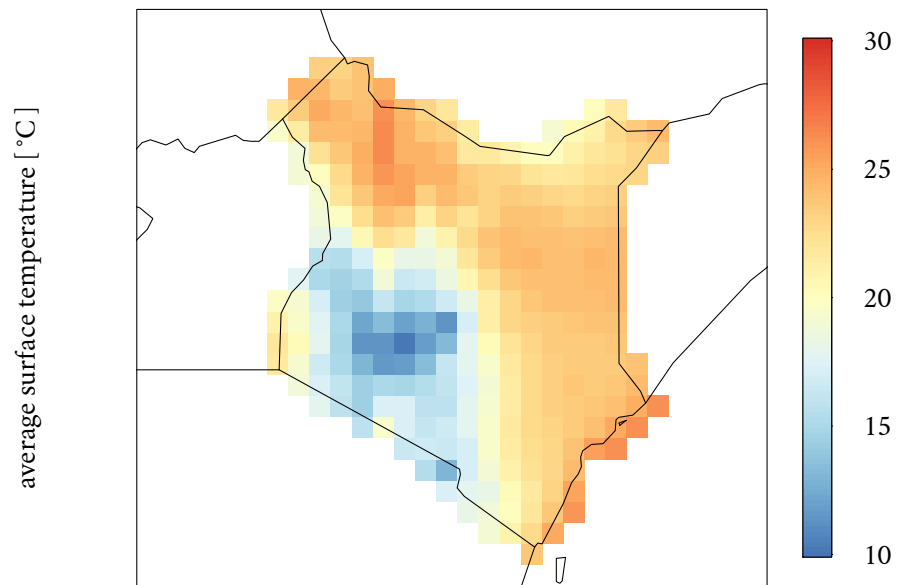


Figure 152: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2020 .. 2049

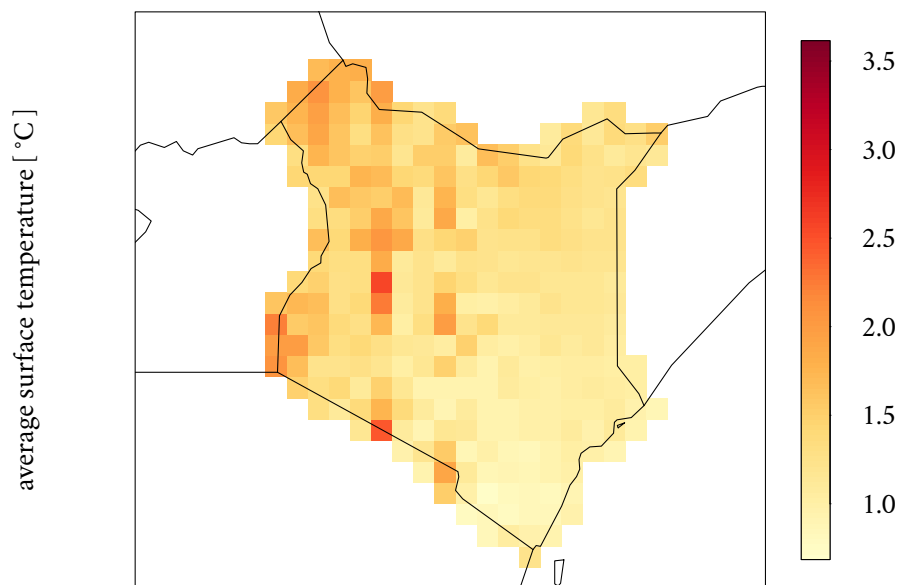


Figure 153: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

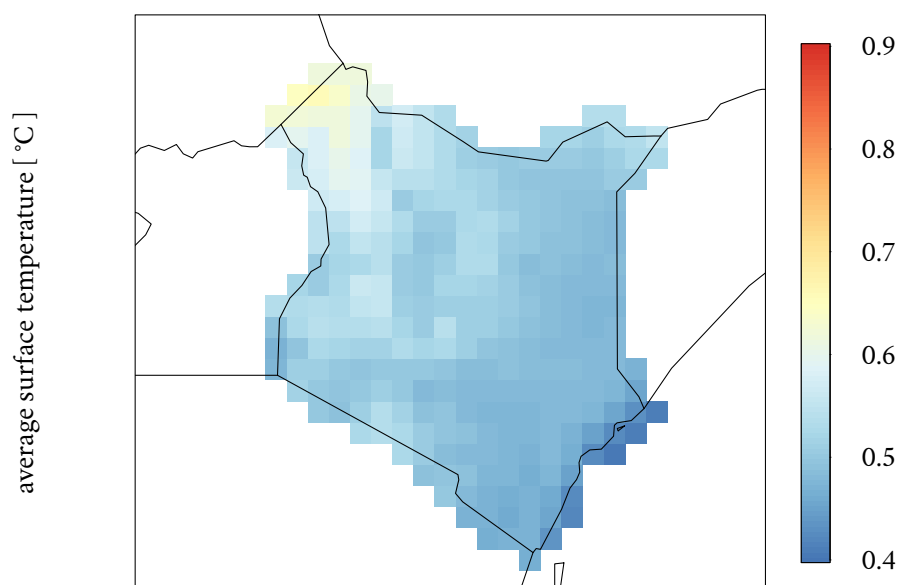


Figure 154: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

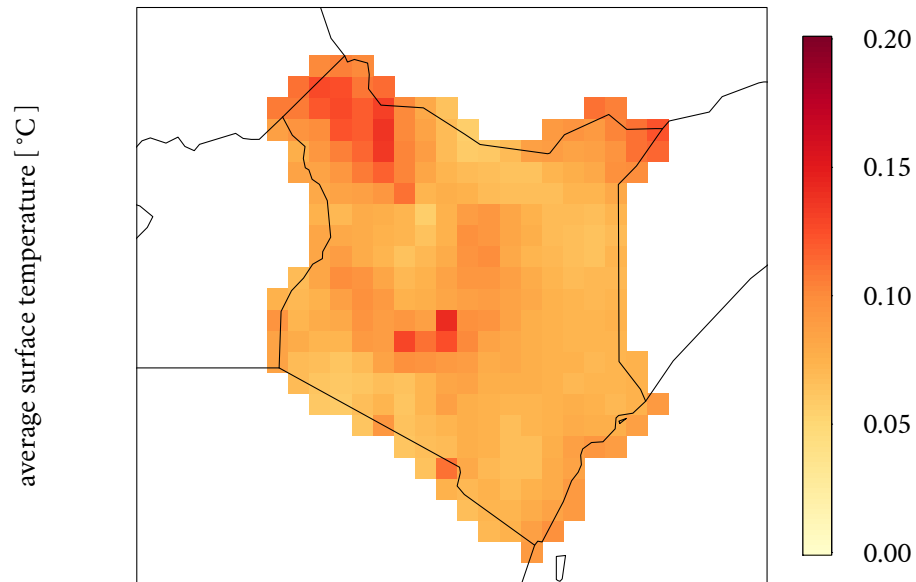


Figure 155: Model mean (19 models) of annual means, RCP 8.5, 2060 .. 2089

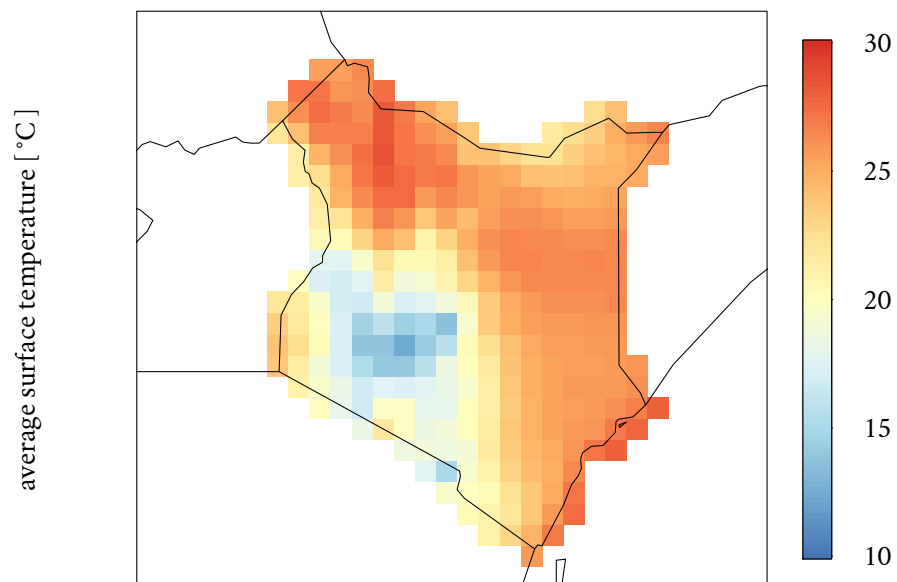


Figure 156: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2060 .. 2089

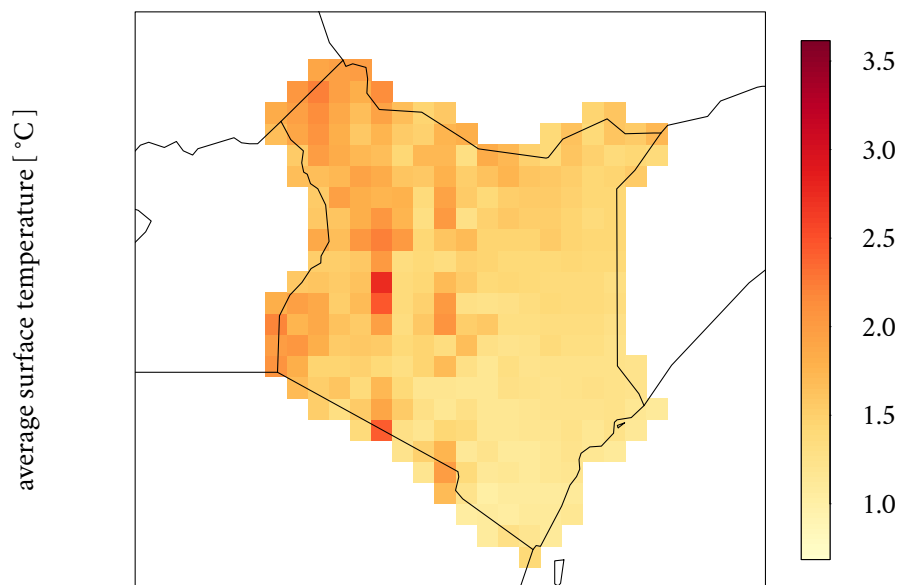


Figure 157: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

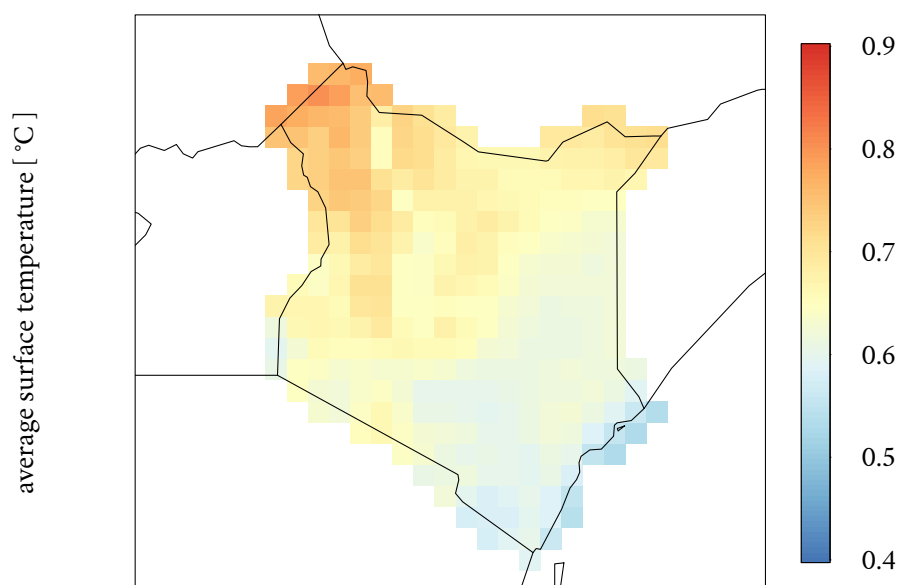


Figure 158: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

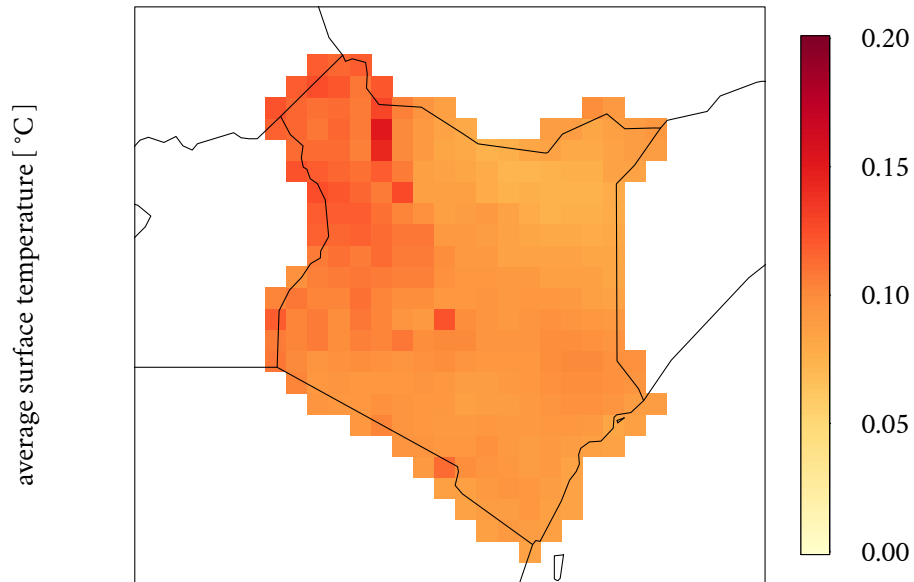


Figure 159: Time slice difference in mean across models of mean, RCP 8.5, 2060 .. 2089 — 2020 .. 2049

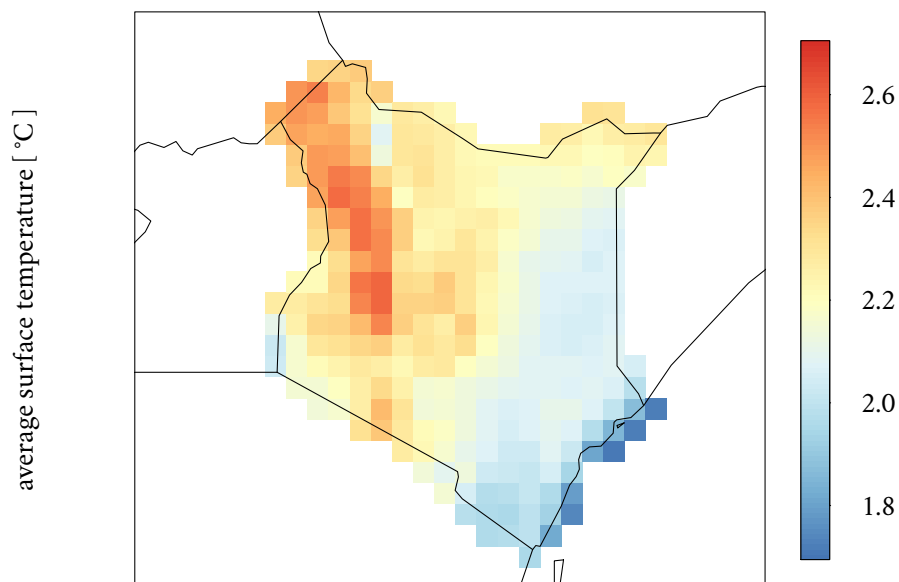
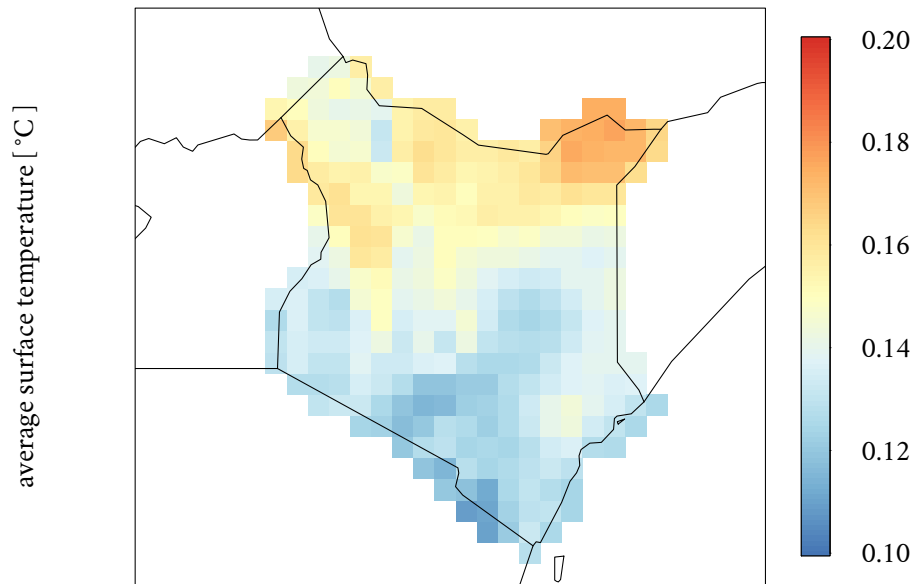


Figure 160: Time slice difference in mean across models of standard deviation, RCP 8.5, 2060 .. 2089 – 2020 .. 2049



6 Maximum surface temperature

6.1 Burkina Faso / RCP 2.6

Figure 161: Model mean (10 models) of annual means, RCP 2.6, 2020 .. 2049

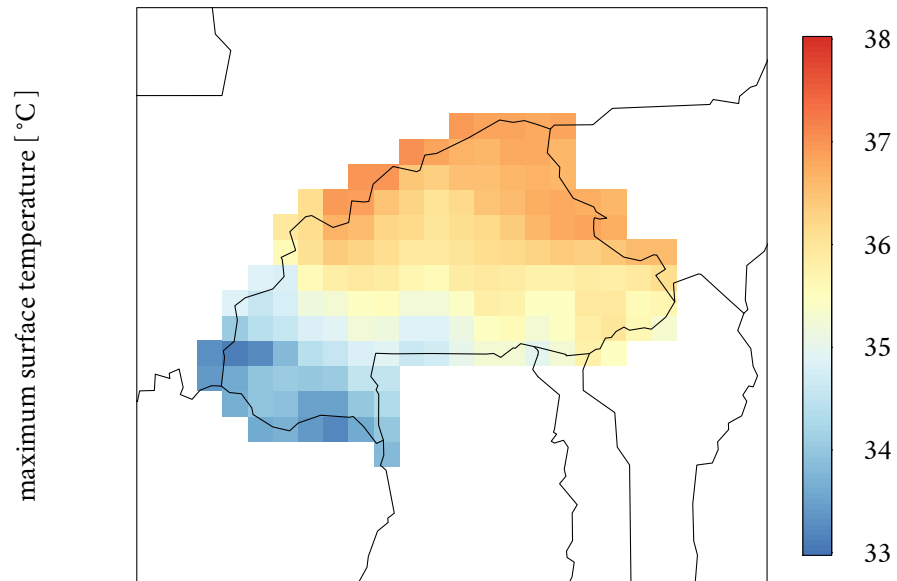


Figure 162: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2020 .. 2049

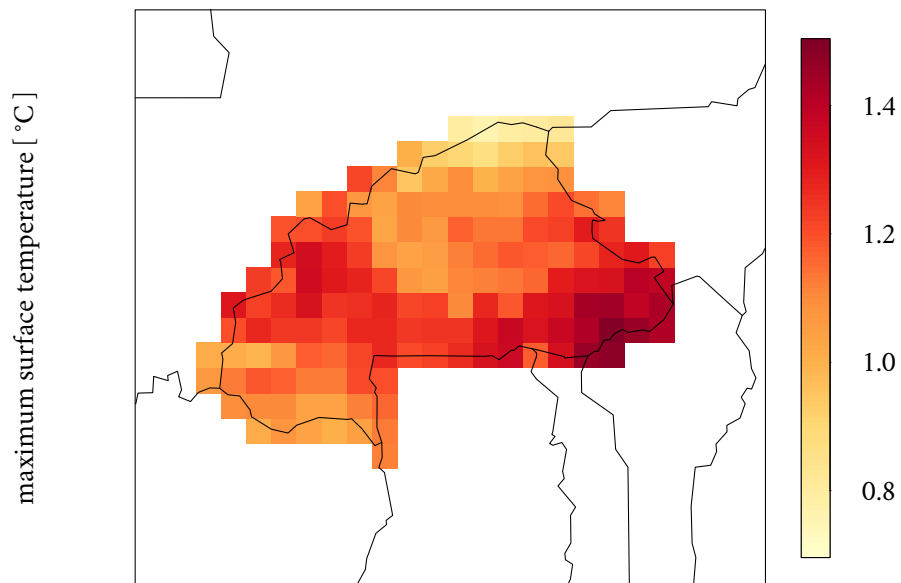


Figure 163: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

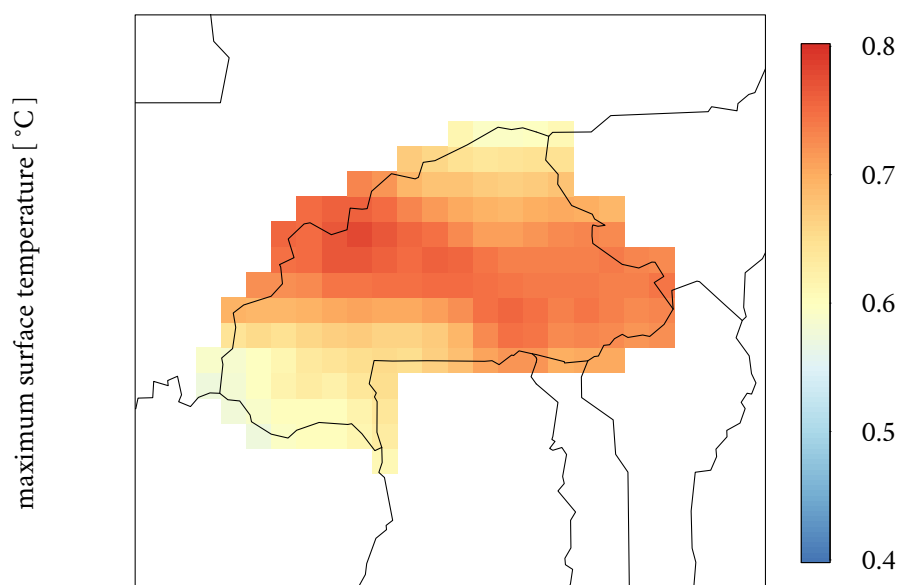


Figure 164: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

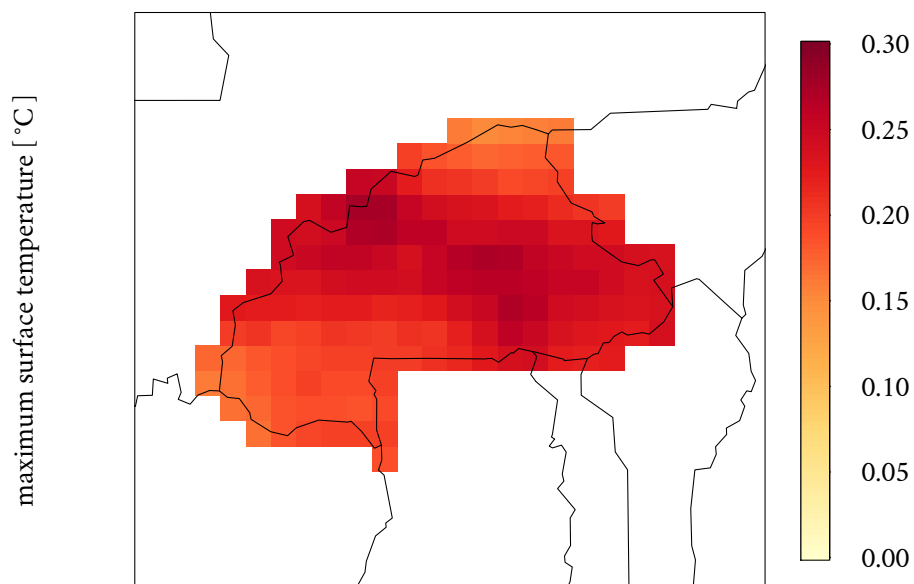


Figure 165: Model mean (10 models) of annual means, RCP 2.6, 2060 .. 2089

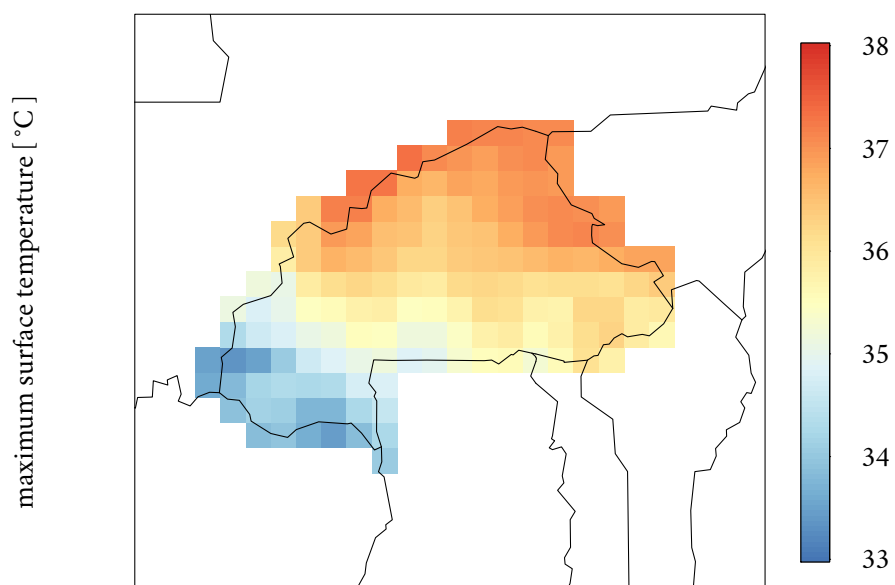


Figure 166: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2060 .. 2089

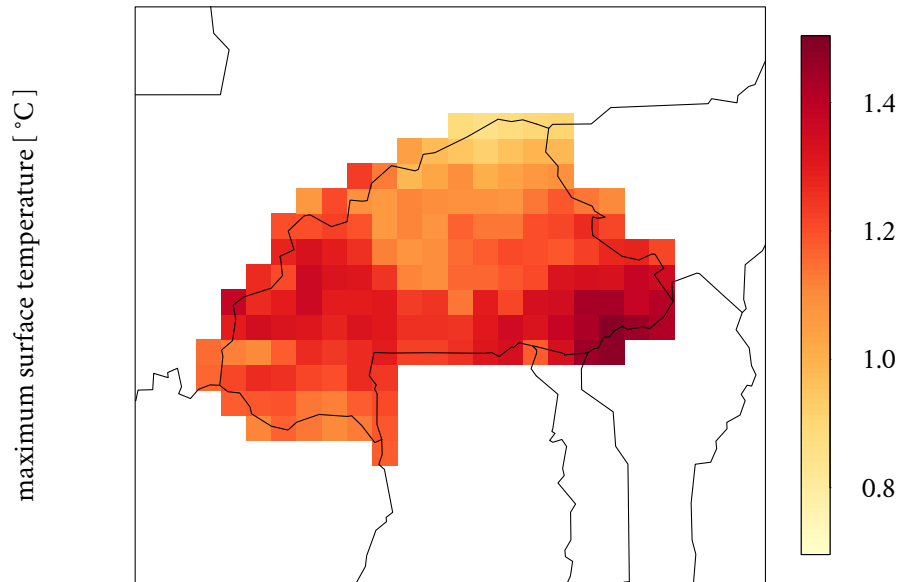


Figure 167: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

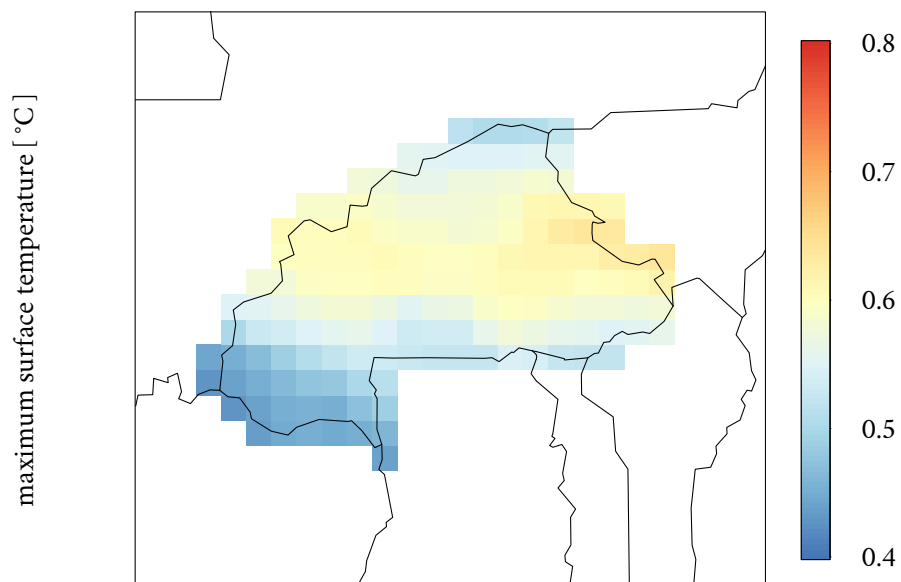


Figure 168: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

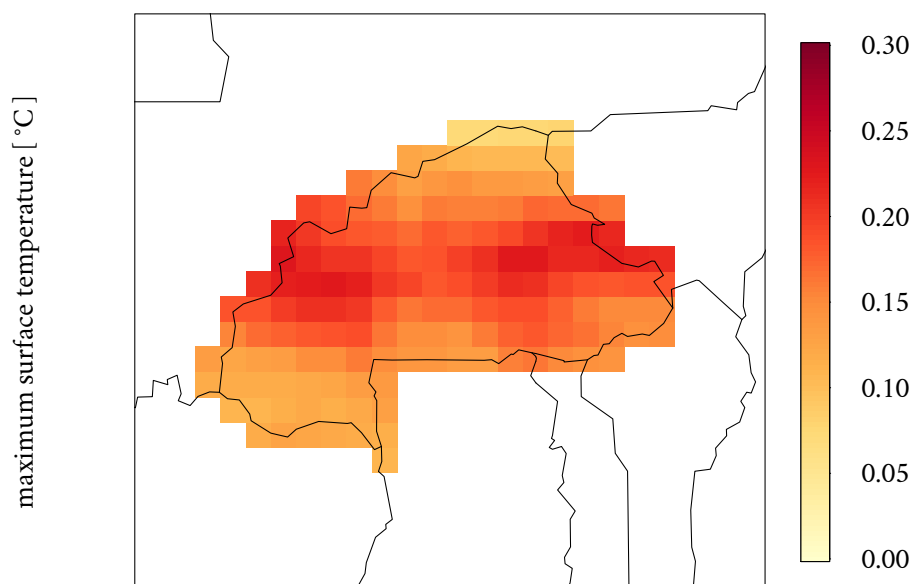


Figure 169: Time slice difference in mean across models of mean, RCP 2.6, 2060 .. 2089 — 2020 .. 2049

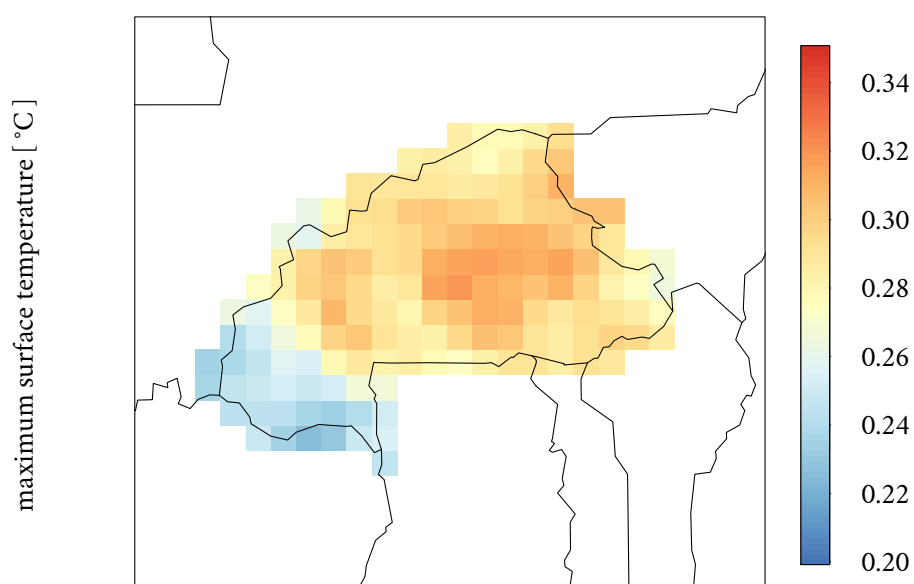
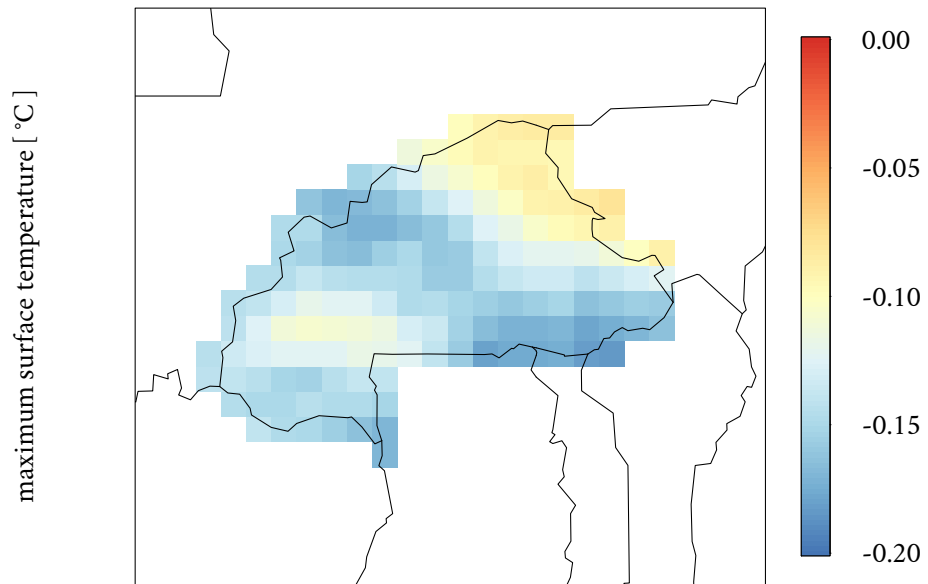


Figure 170: Time slice difference in mean across models of standard deviation, RCP 2.6, 2060 .. 2089 – 2020 .. 2049



6.2 Burkina Faso / RCP 8.5

Figure 171: Model mean (19 models) of annual means, RCP 8.5, 2020 .. 2049

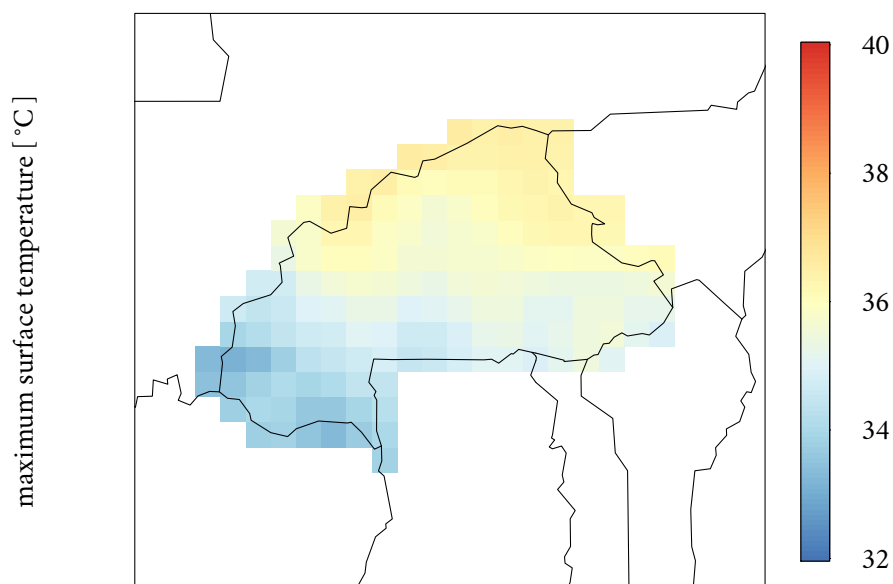


Figure 172: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2020 .. 2049

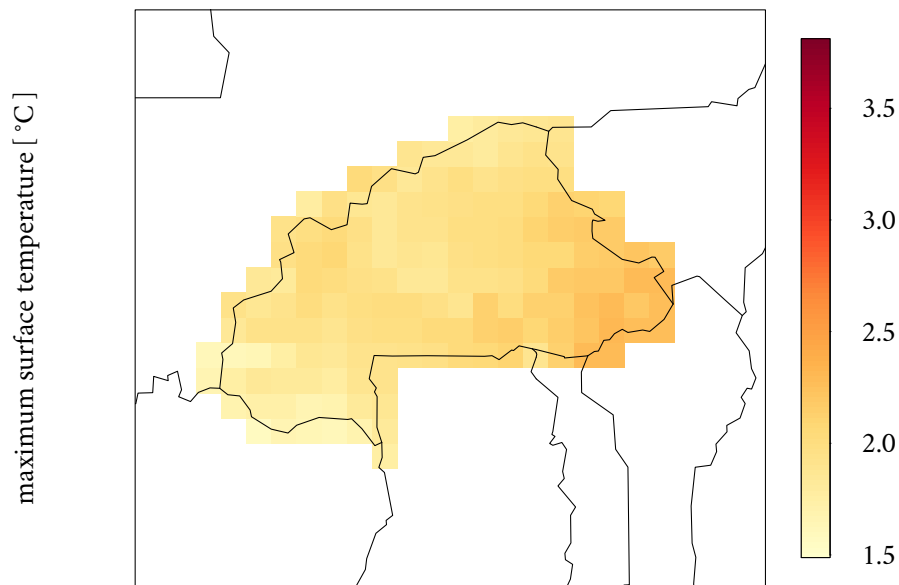


Figure 173: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

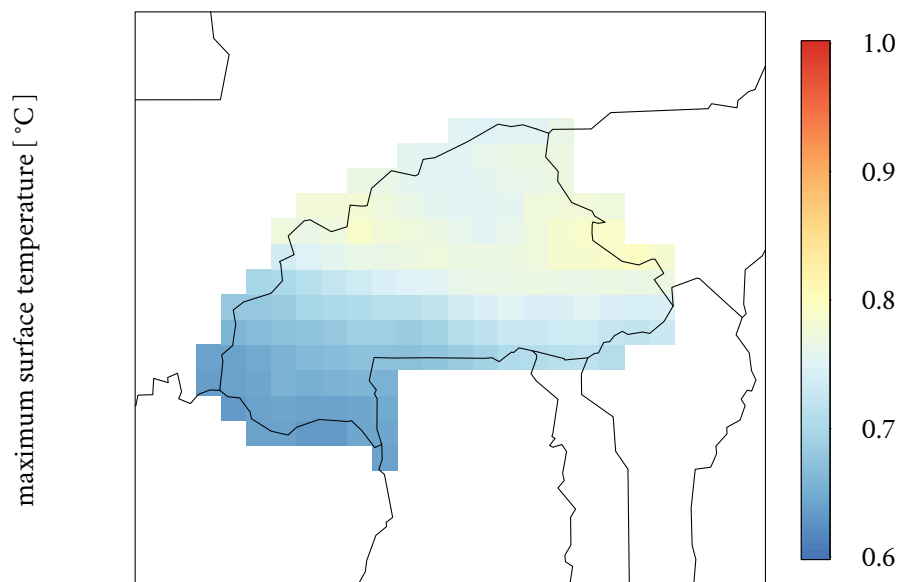


Figure 174: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

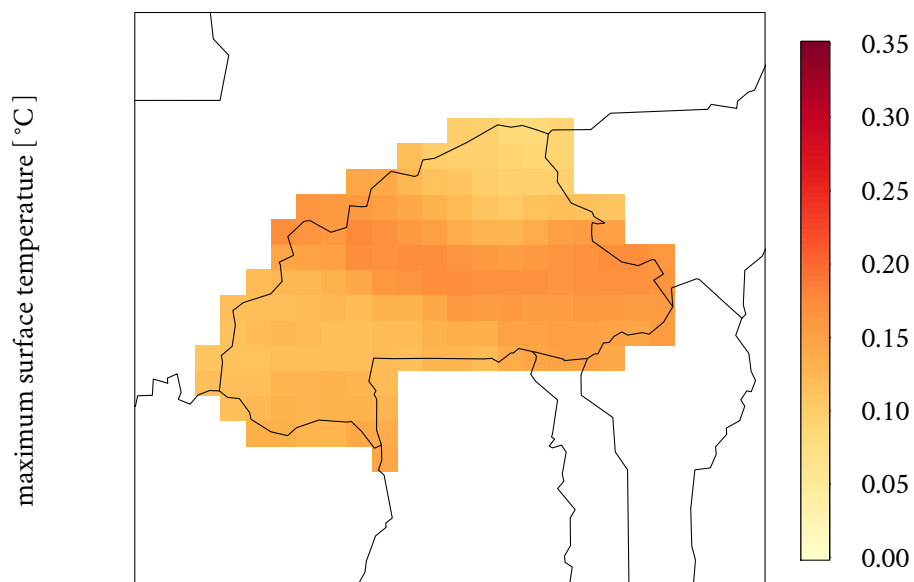


Figure 175: Model mean (19 models) of annual means, RCP 8.5, 2060 .. 2089

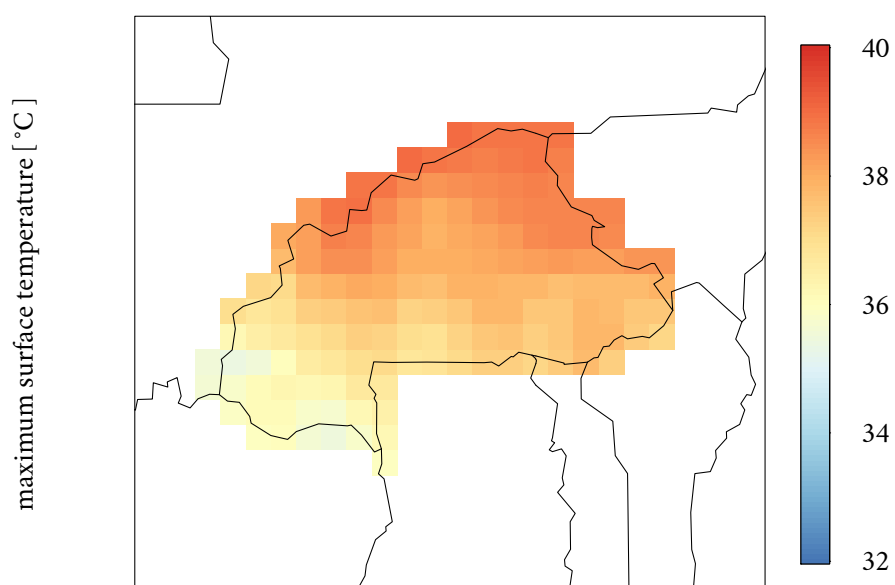


Figure 176: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2060 .. 2089

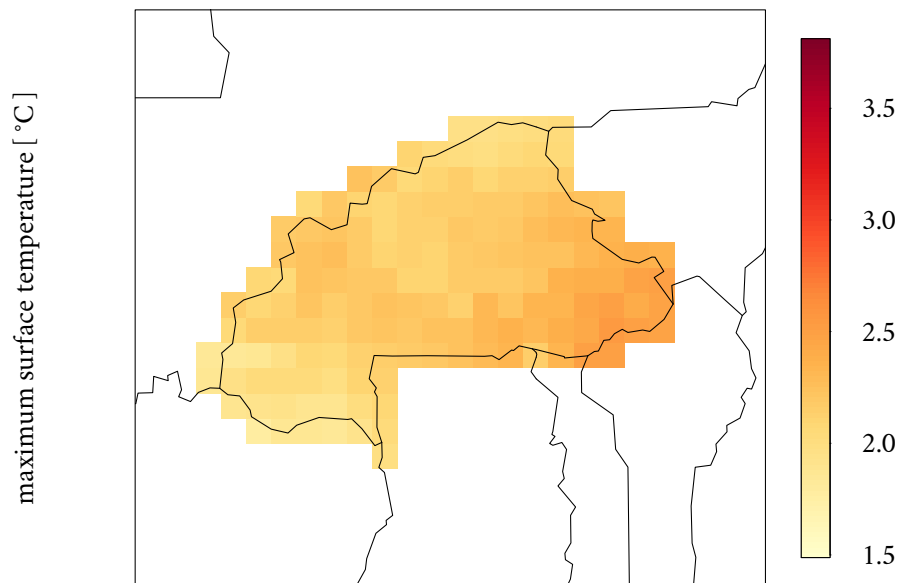


Figure 177: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

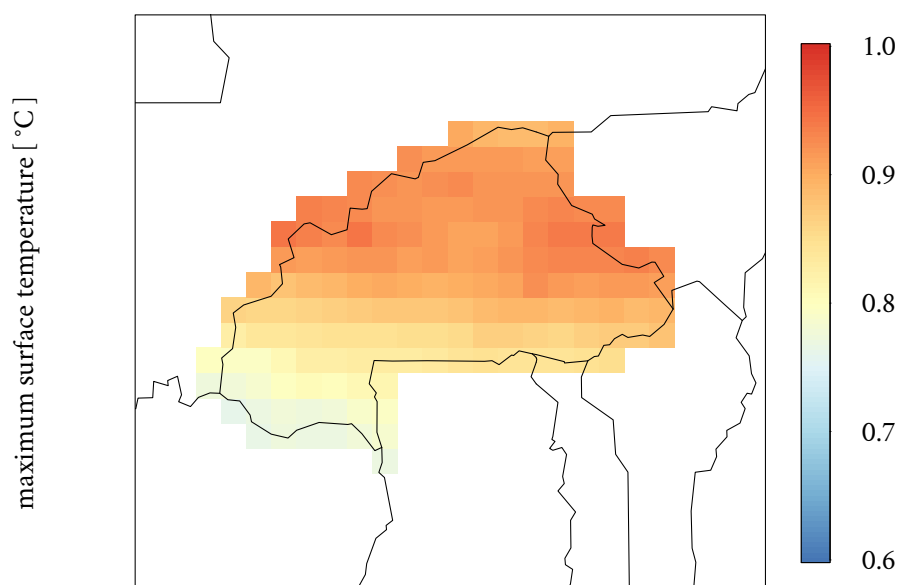


Figure 178: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

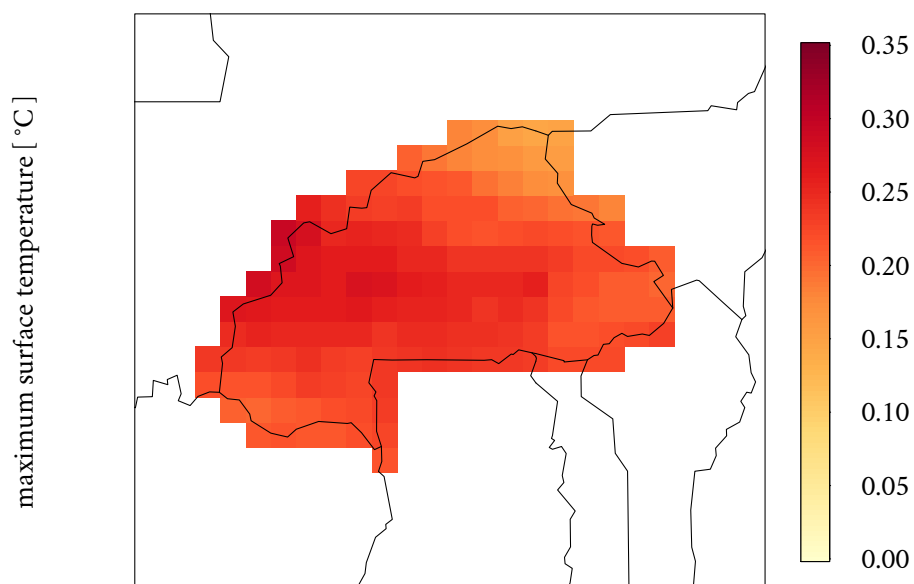


Figure 179: Time slice difference in mean across models of mean, RCP 8.5, 2060 .. 2089 — 2020 .. 2049

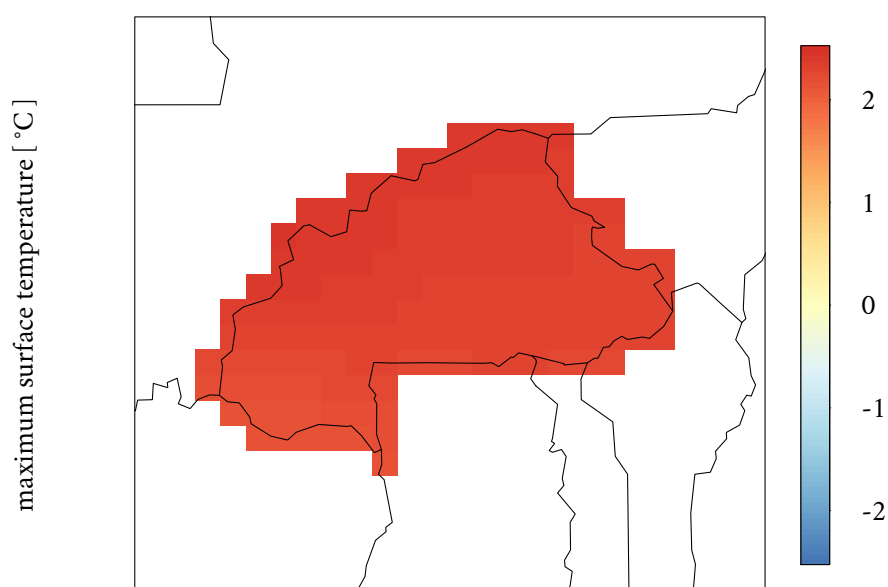
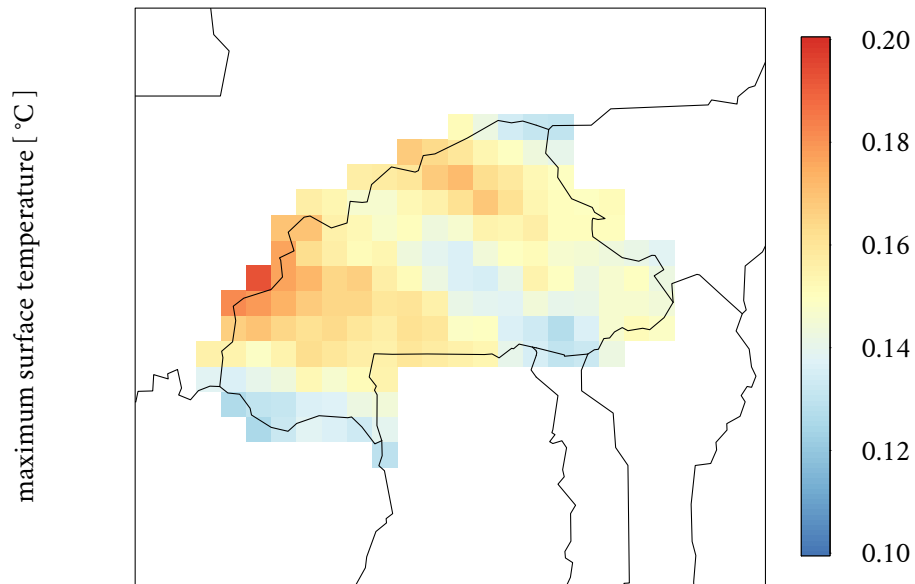


Figure 180: Time slice difference in mean across models of standard deviation, RCP 8.5, 2060 .. 2089 – 2020 .. 2049



6.3 Kenya / RCP 2.6

Figure 181: Model mean (10 models) of annual means, RCP 2.6, 2020 .. 2049

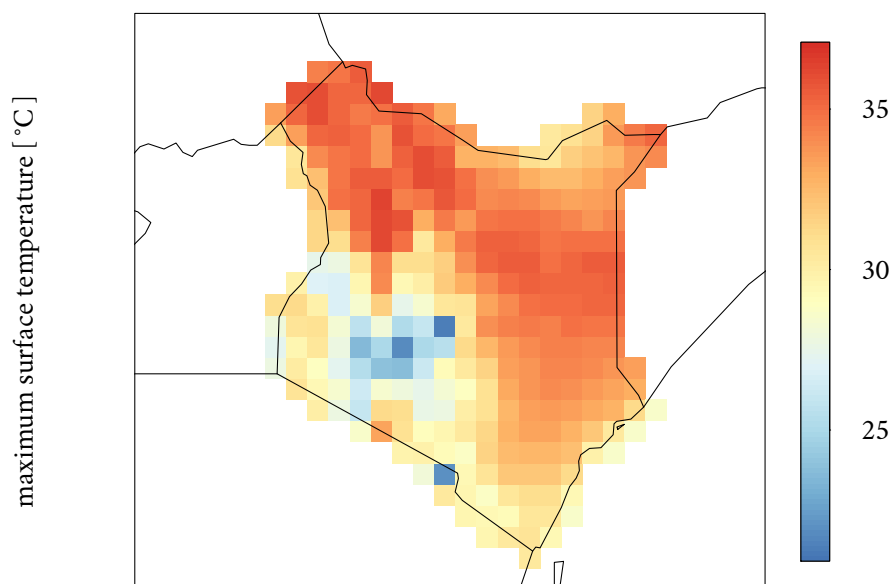


Figure 182: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2020 .. 2049

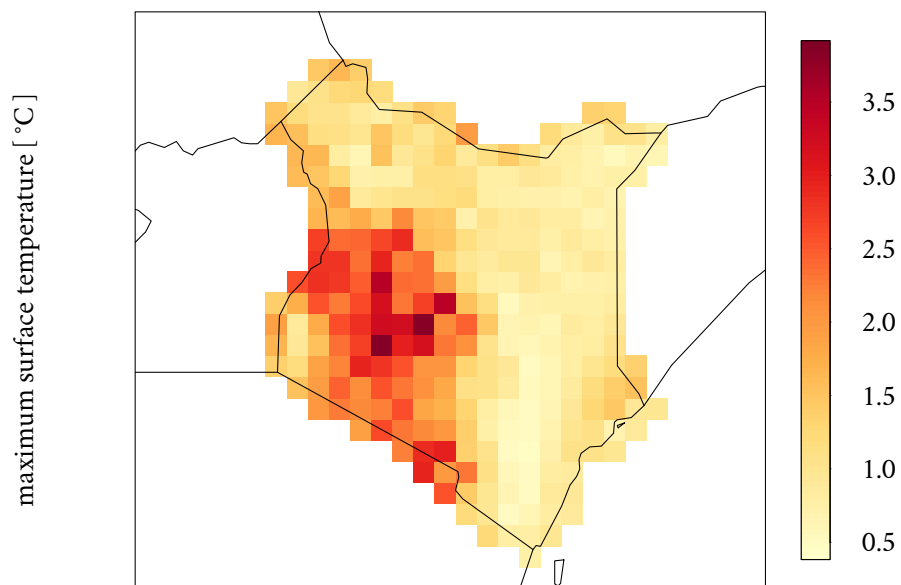


Figure 183: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

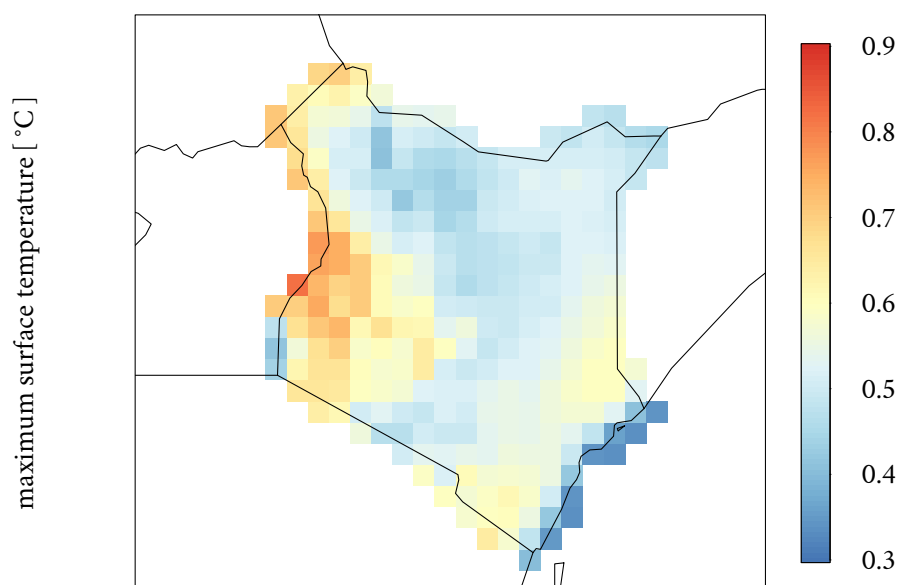


Figure 184: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2020 .. 2049

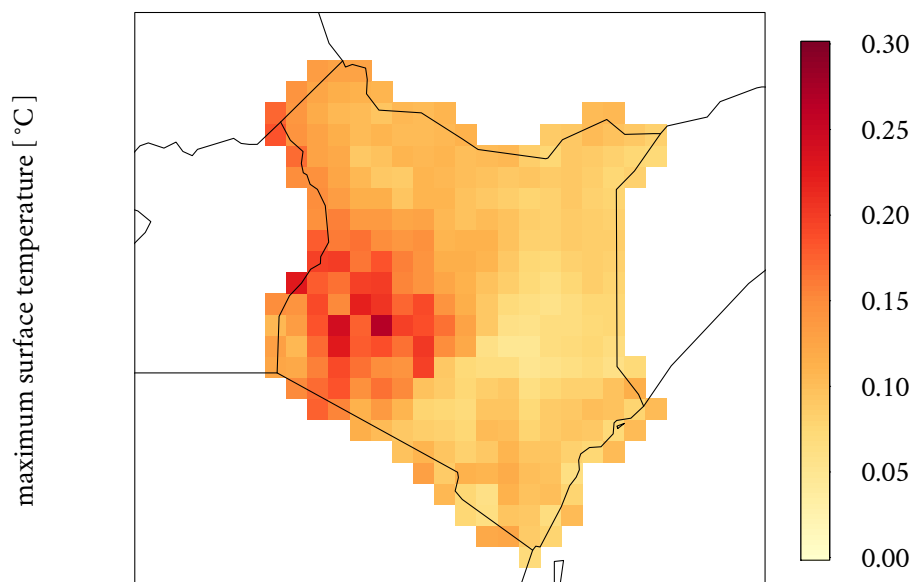


Figure 185: Model mean (10 models) of annual means, RCP 2.6, 2060 .. 2089

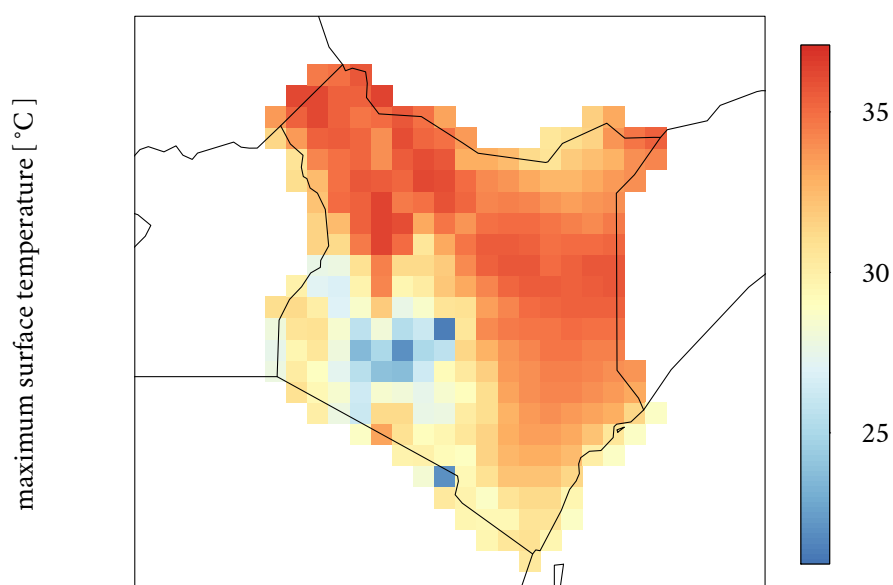


Figure 186: Standard deviation (model disagreement of 10 models) of annual means, RCP 2.6, 2060 .. 2089

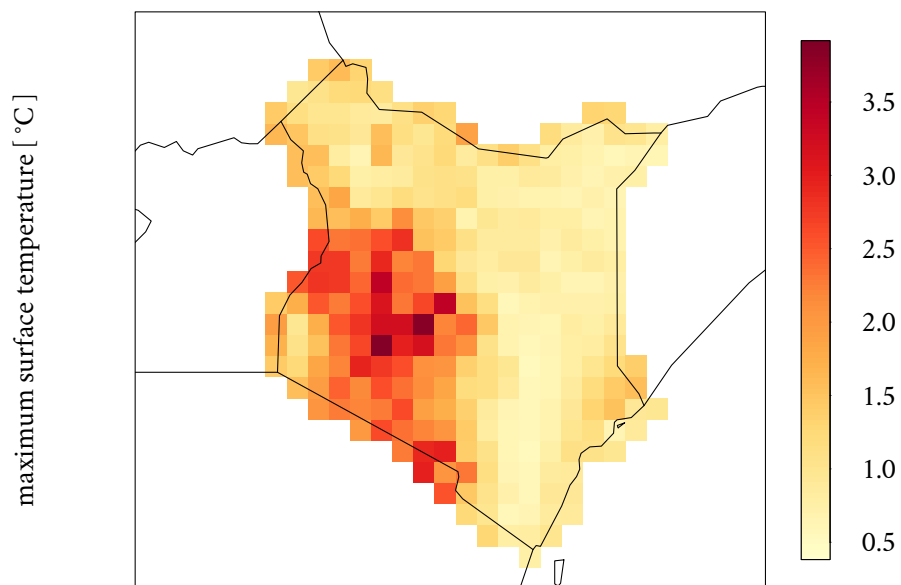


Figure 187: Model mean (10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

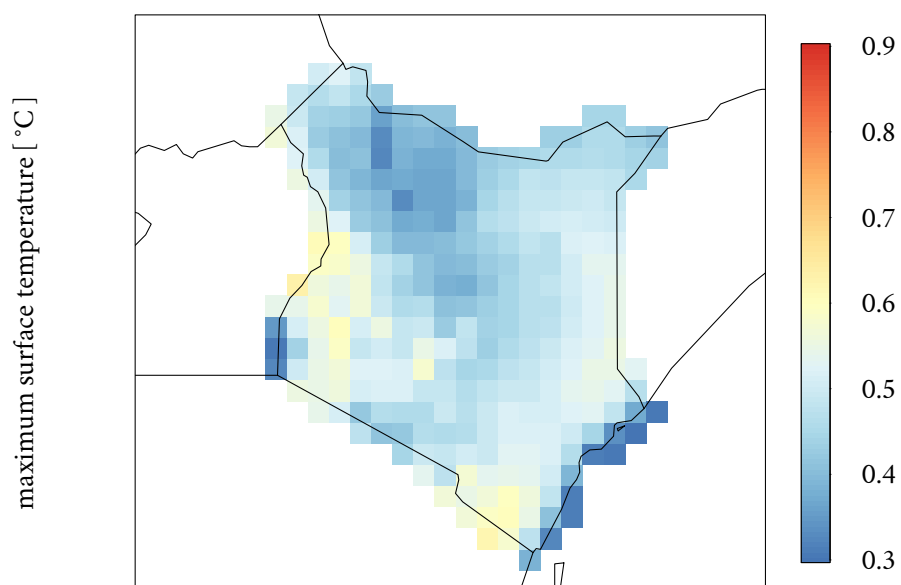


Figure 188: Standard deviation (model disagreement of 10 models) of standard deviations (annual fluctuations), RCP 2.6, 2060 .. 2089

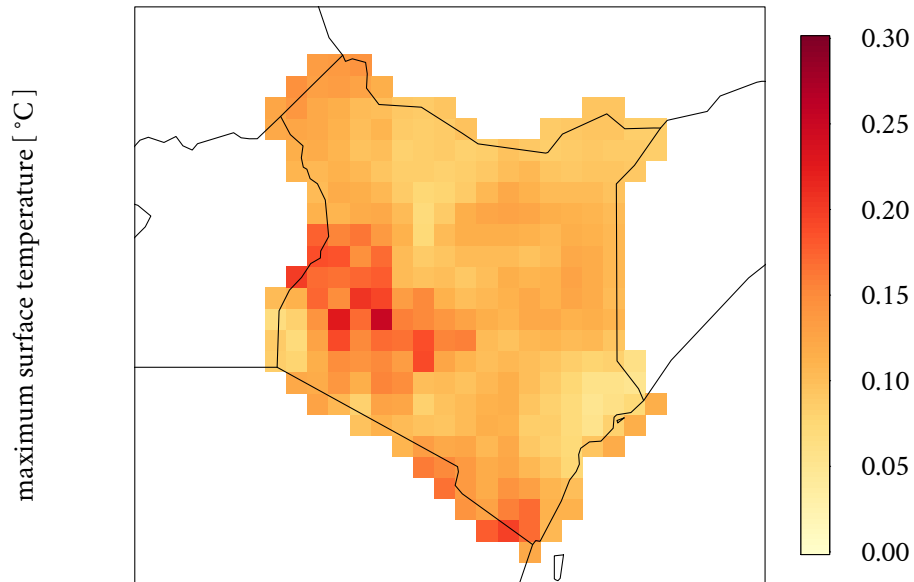


Figure 189: Time slice difference in mean across models of mean, RCP 2.6, 2060 .. 2089 — 2020 .. 2049

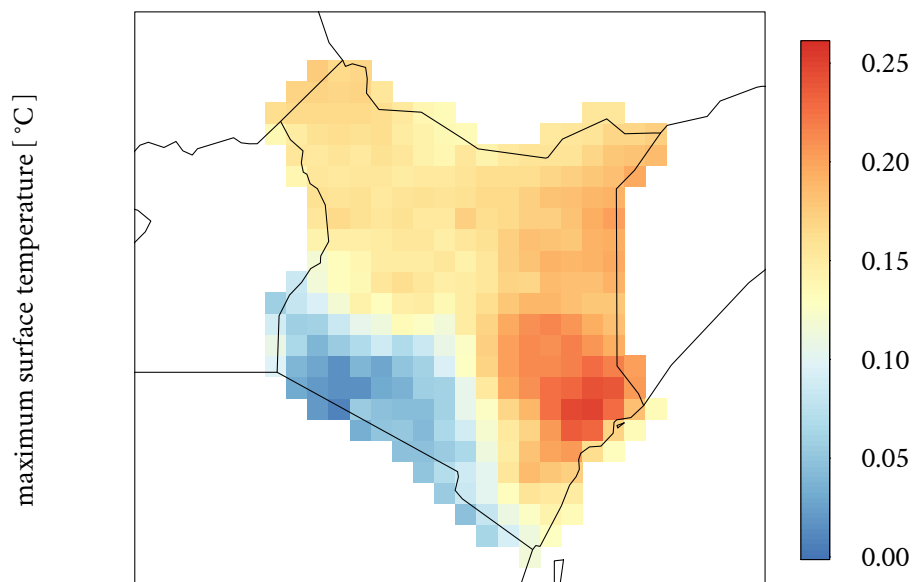
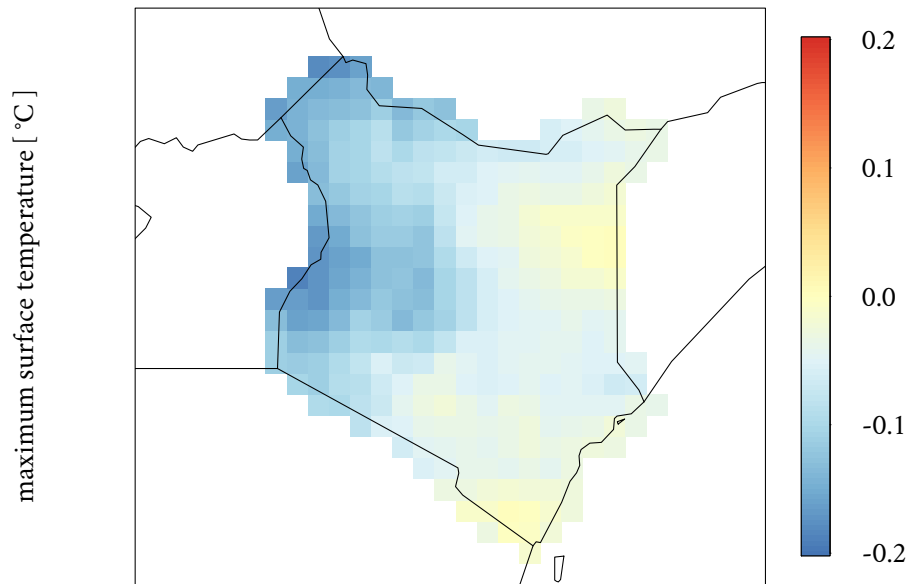


Figure 190: Time slice difference in mean across models of standard deviation, RCP 2.6, 2060 .. 2089 – 2020 .. 2049



6.4 Kenya / RCP 8.5

Figure 191: Model mean (19 models) of annual means, RCP 8.5, 2020 .. 2049

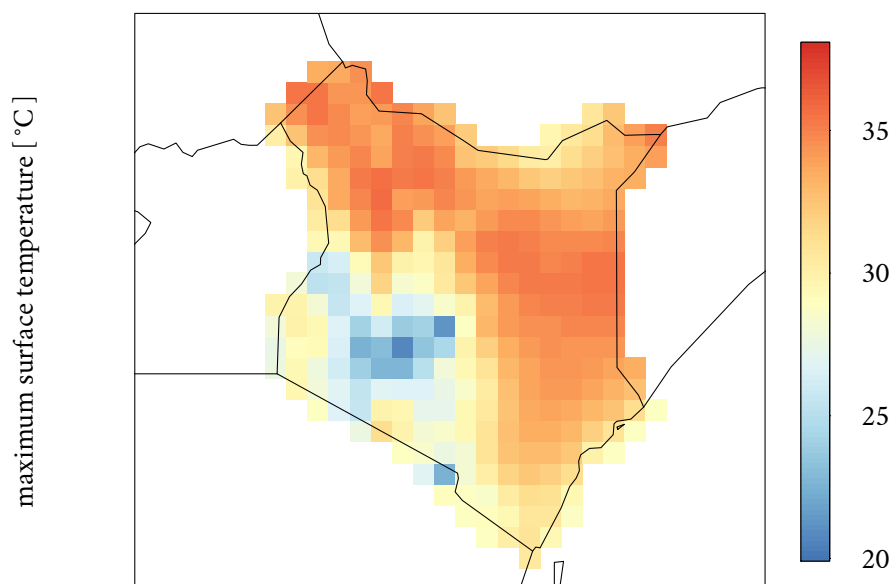


Figure 192: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2020 .. 2049

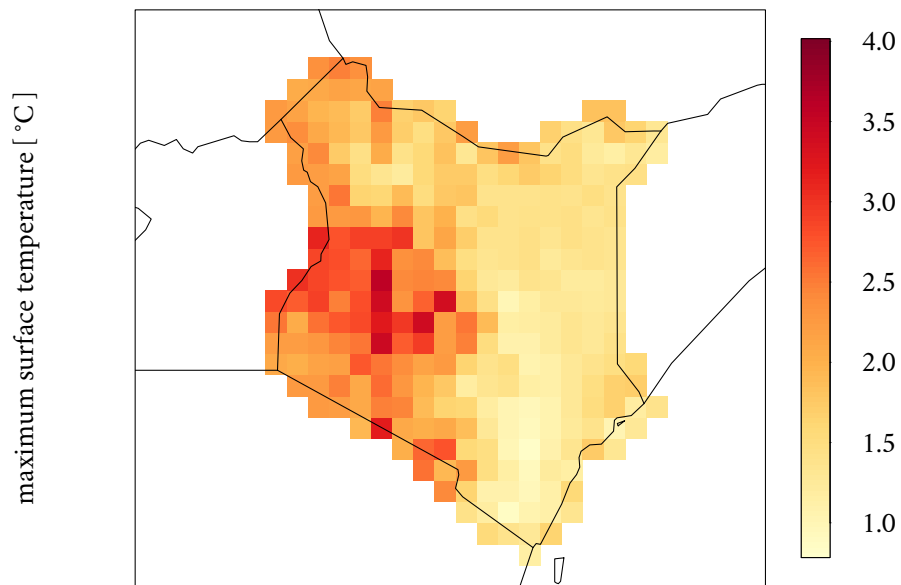


Figure 193: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

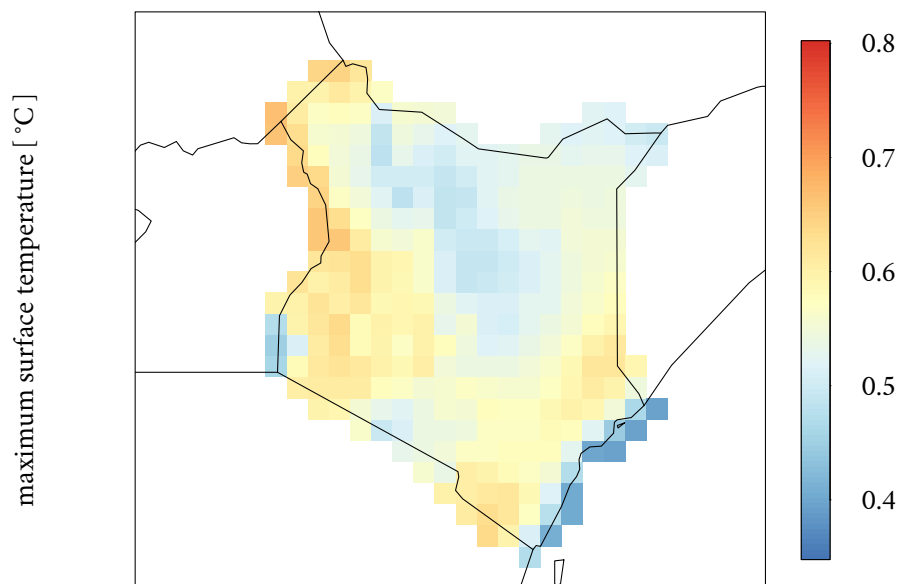


Figure 194: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2020 .. 2049

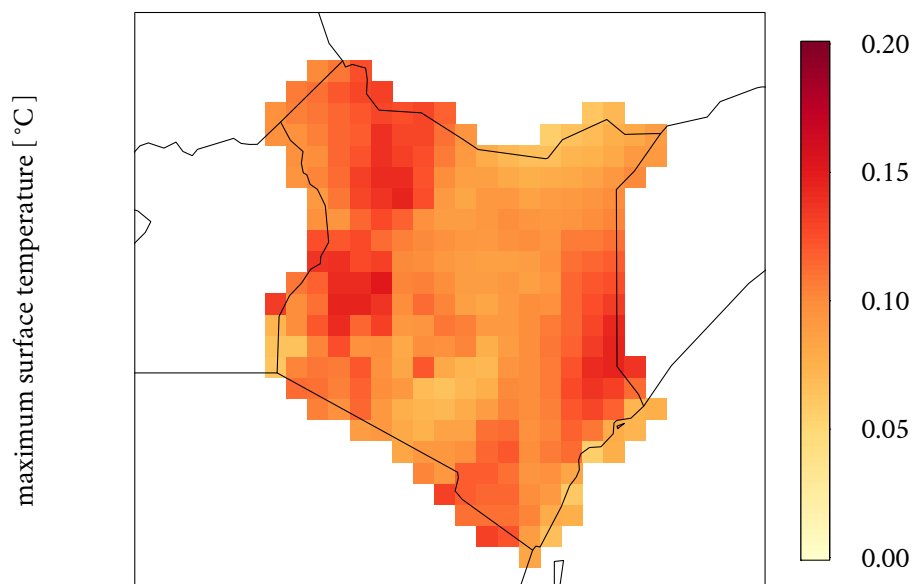


Figure 195: Model mean (19 models) of annual means, RCP 8.5, 2060 .. 2089

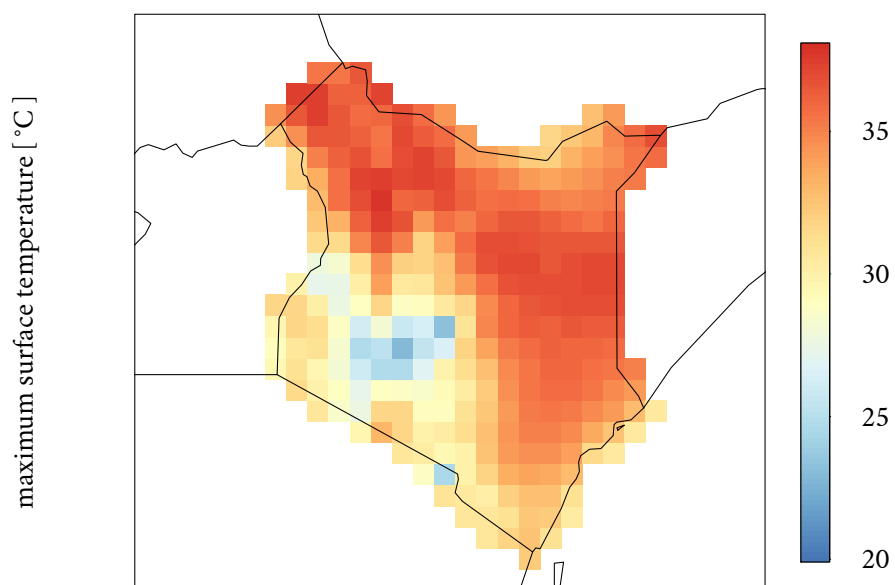


Figure 196: Standard deviation (model disagreement of 19 models) of annual means, RCP 8.5, 2060 .. 2089

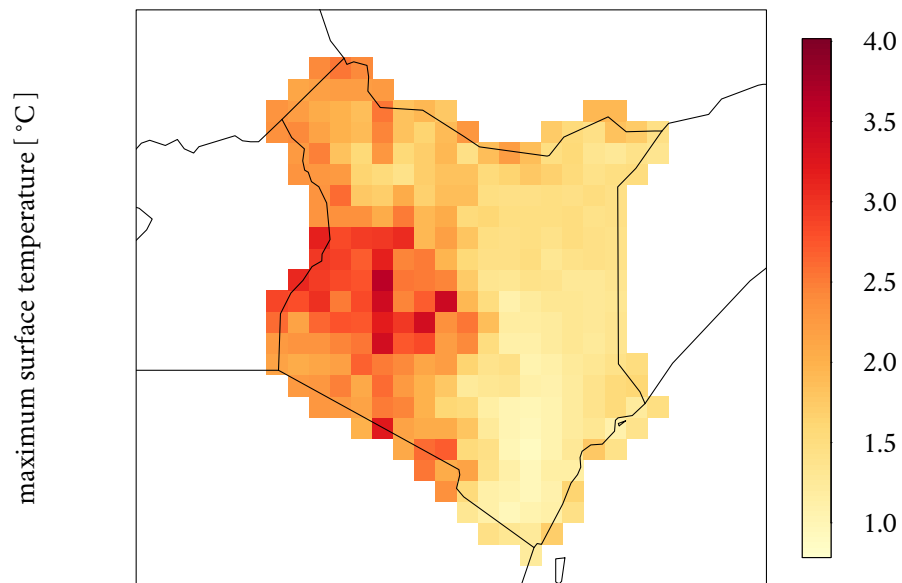


Figure 197: Model mean (19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

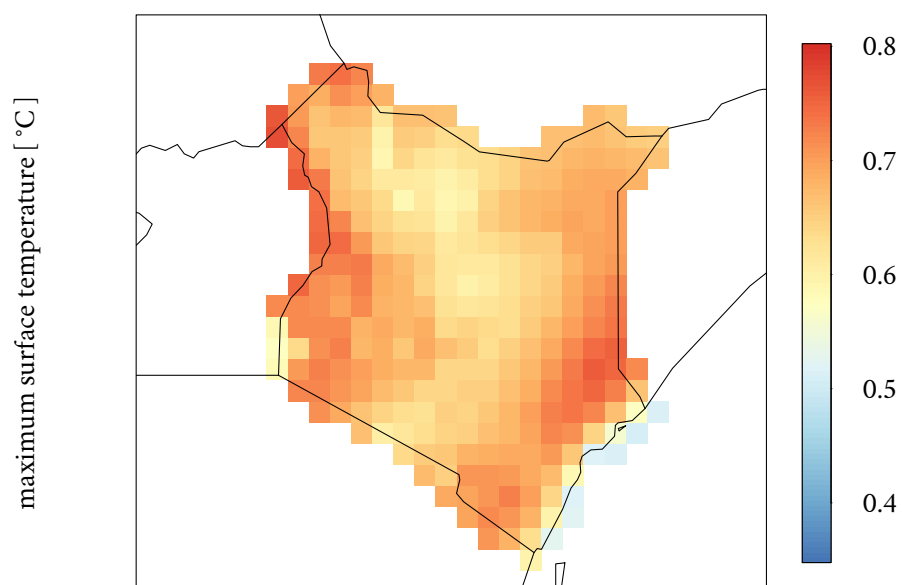


Figure 198: Standard deviation (model disagreement of 19 models) of standard deviations (annual fluctuations), RCP 8.5, 2060 .. 2089

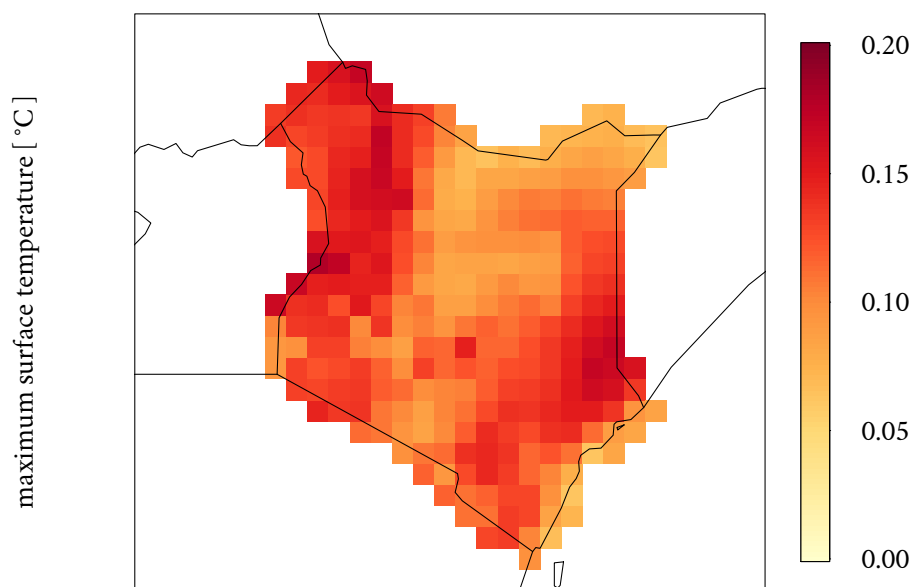


Figure 199: Time slice difference in mean across models of mean, RCP 8.5, 2060 .. 2089 — 2020 .. 2049

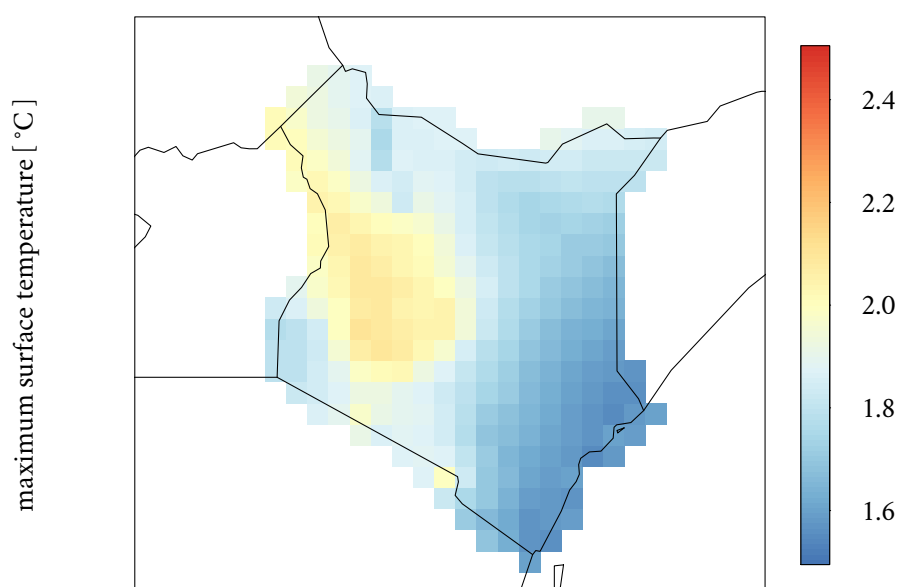
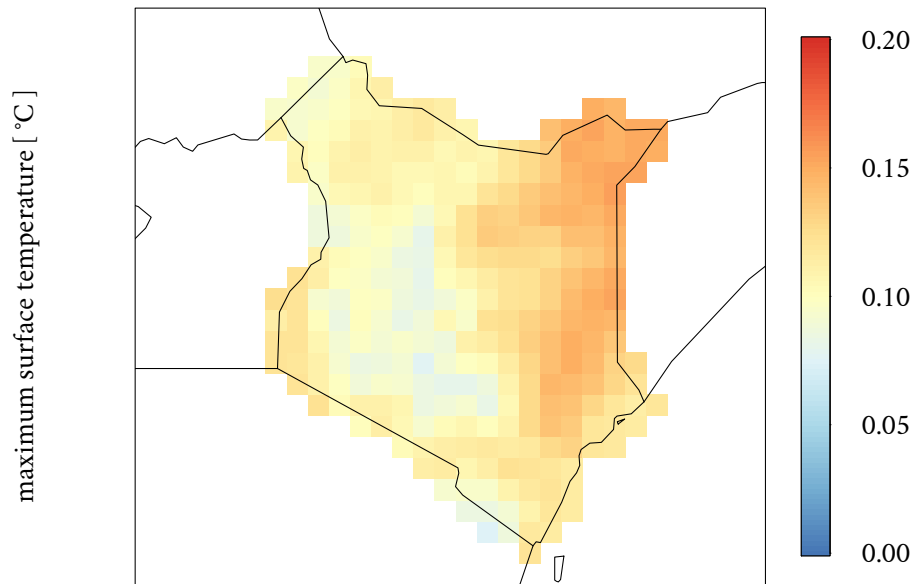


Figure 200: Time slice difference in mean across models of standard deviation, RCP 8.5, 2060 .. 2089 – 2020 .. 2049



Appendices

A Individual models: Soil moisture

A.1 Burkina Faso / RCP 2.6

A.1.1 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 201: Mean across years, RCP 2.6, 2020 .. 2049

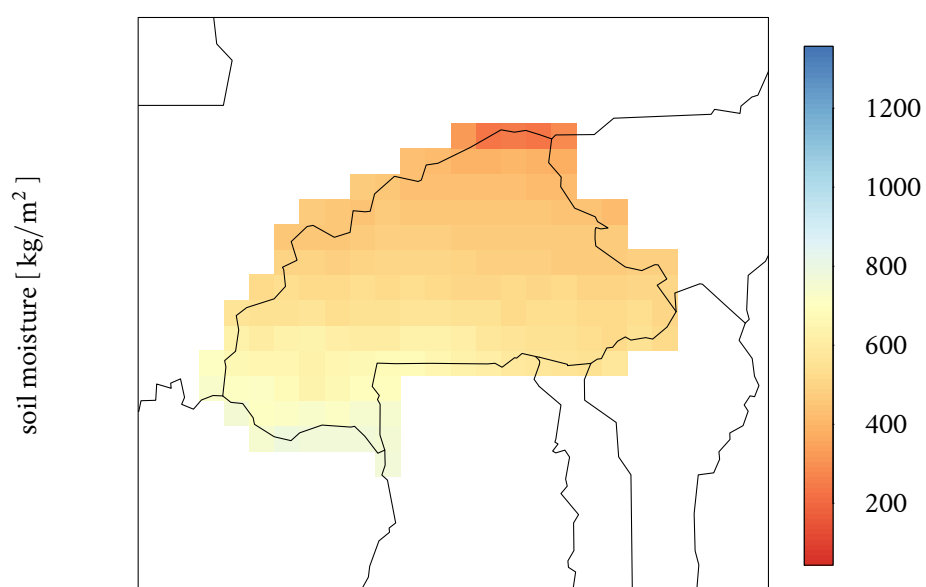


Figure 202: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

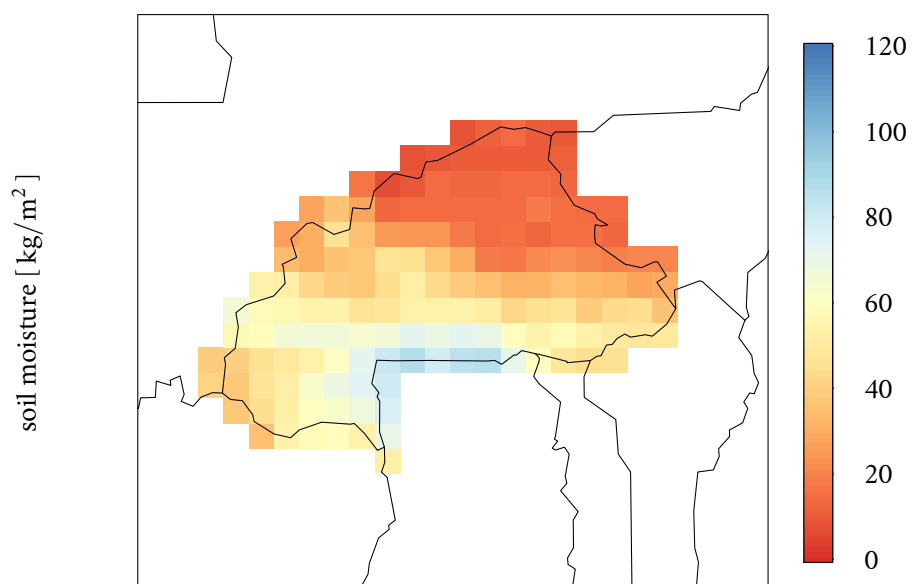


Figure 203: Mean across years, RCP 2.6, 2060 .. 2089

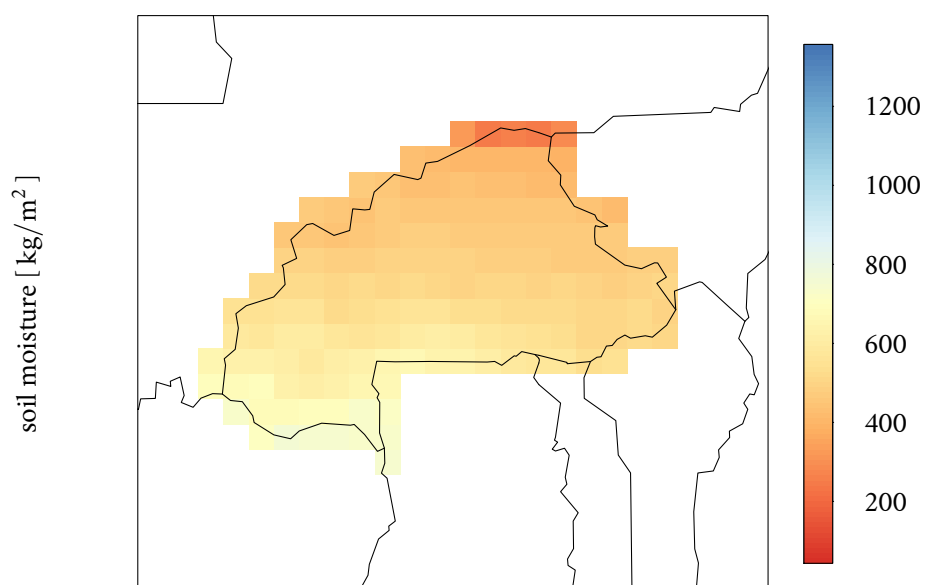


Figure 204: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

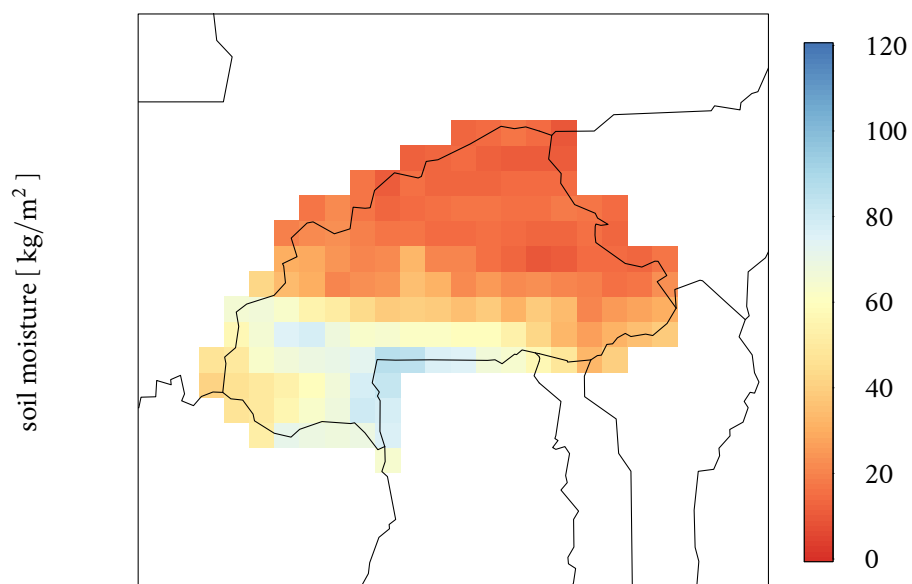
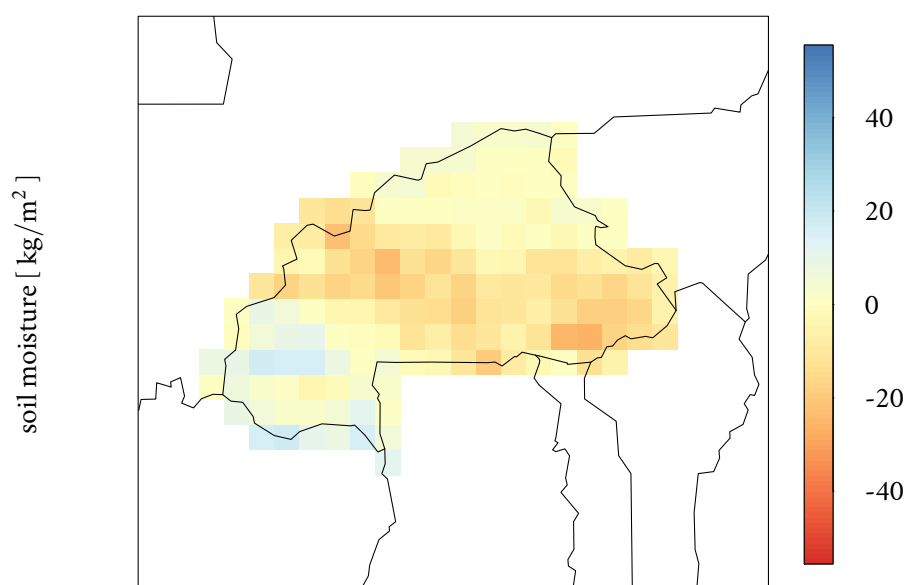


Figure 205: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.1.2 GCM MIROC-MIROC5 / RCM RCA4

Figure 206: Mean across years, RCP 2.6, 2020 .. 2049

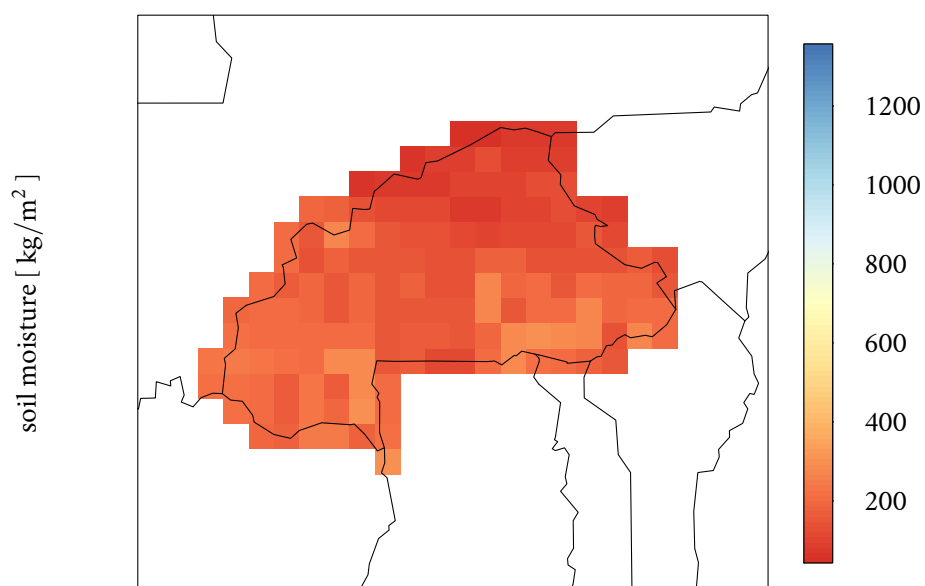


Figure 207: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

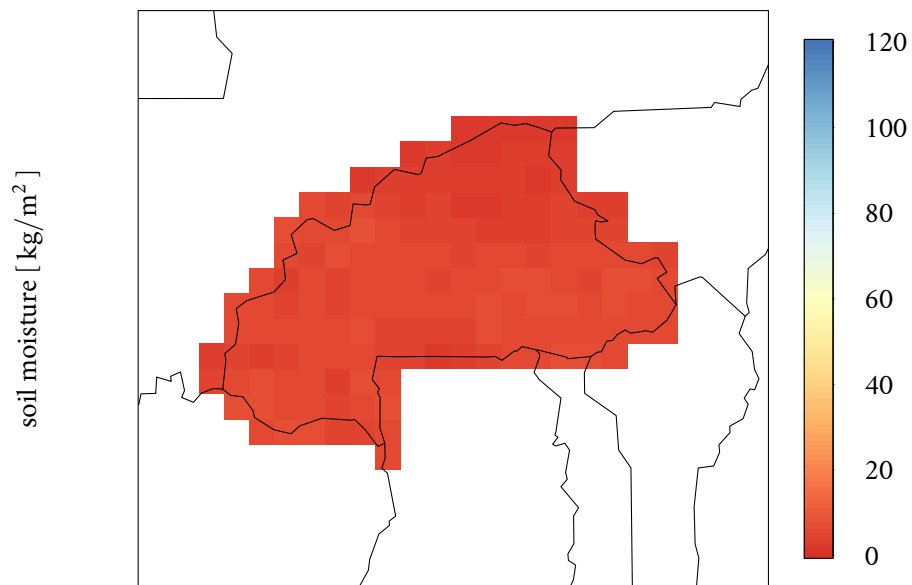


Figure 208: Mean across years, RCP 2.6, 2060 .. 2089

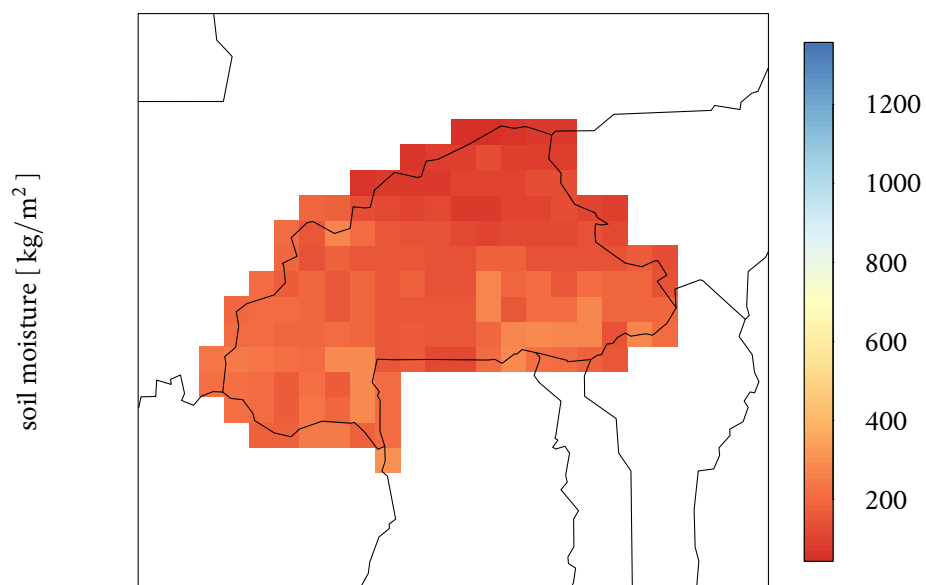


Figure 209: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

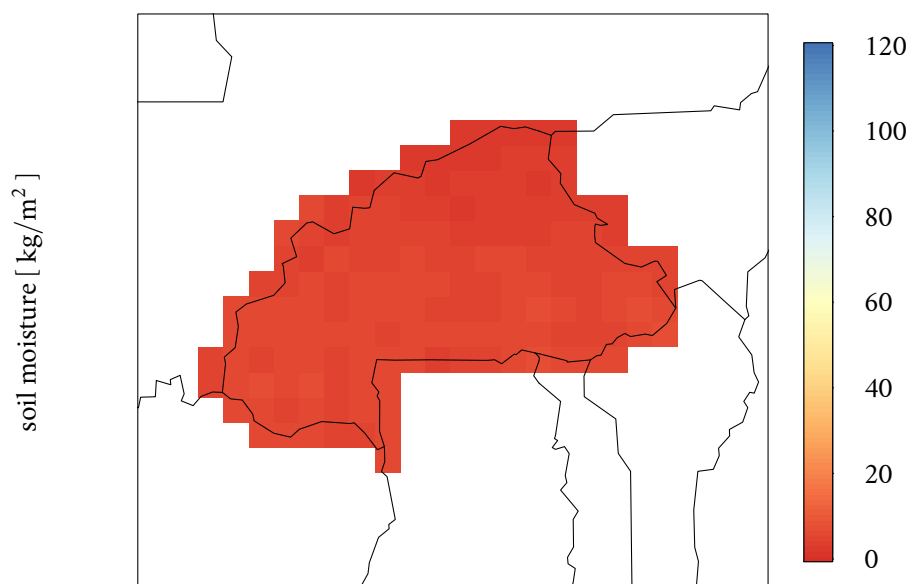
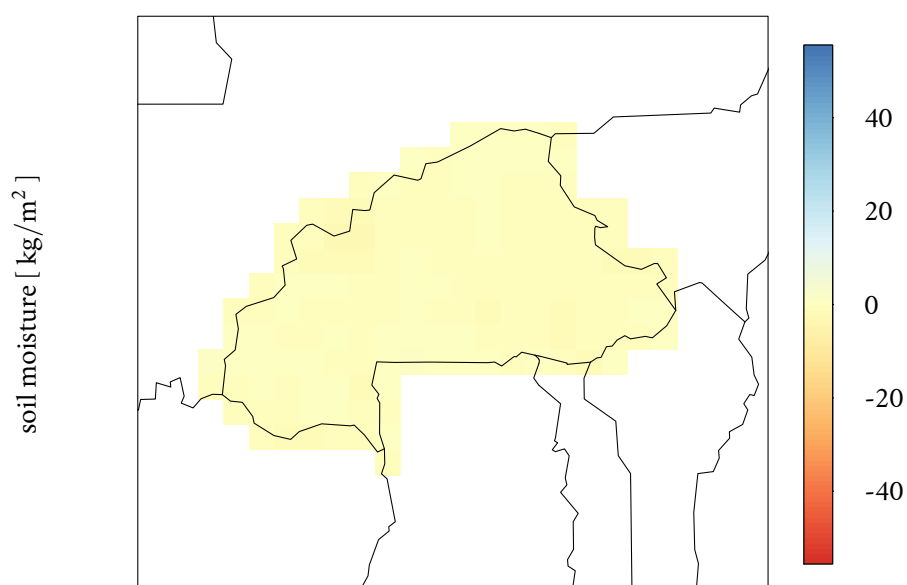


Figure 210: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.1.3 GCM MIROC-MIROC5 / RCM REMO2009

Figure 211: Mean across years, RCP 2.6, 2020 .. 2049

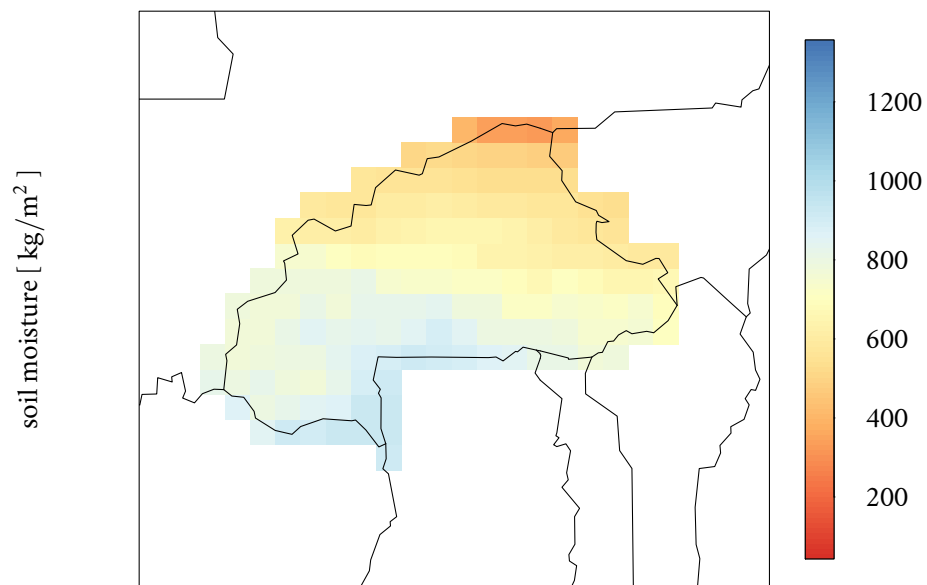


Figure 212: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

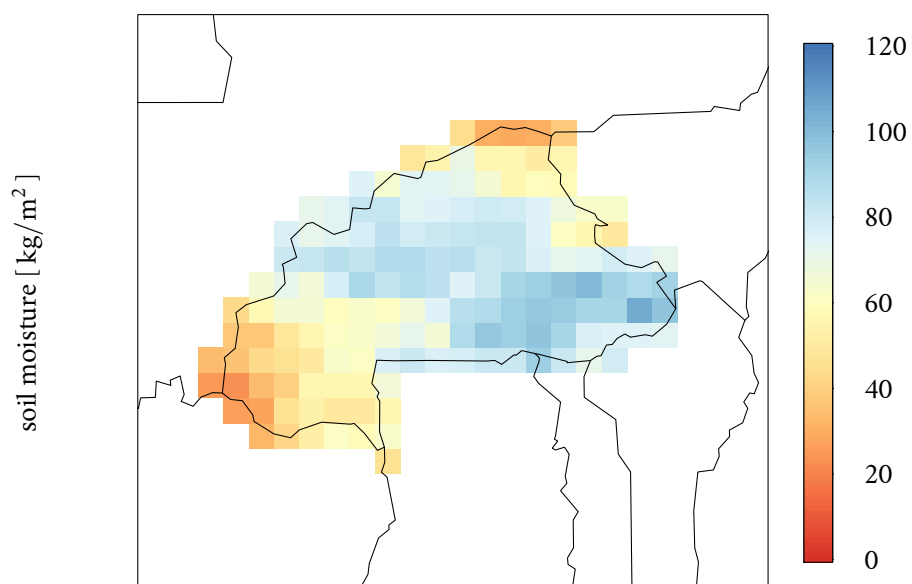


Figure 213: Mean across years, RCP 2.6, 2060 .. 2089

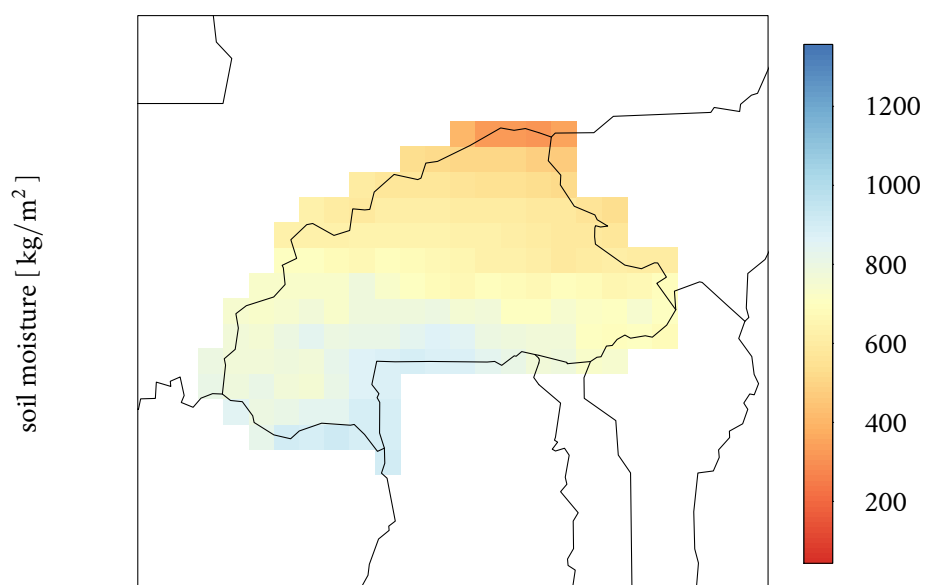


Figure 214: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

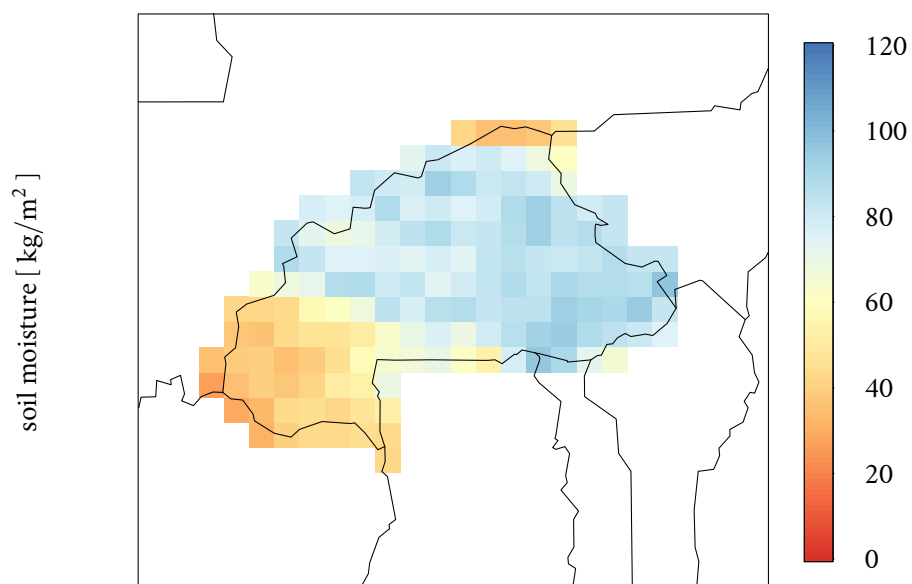
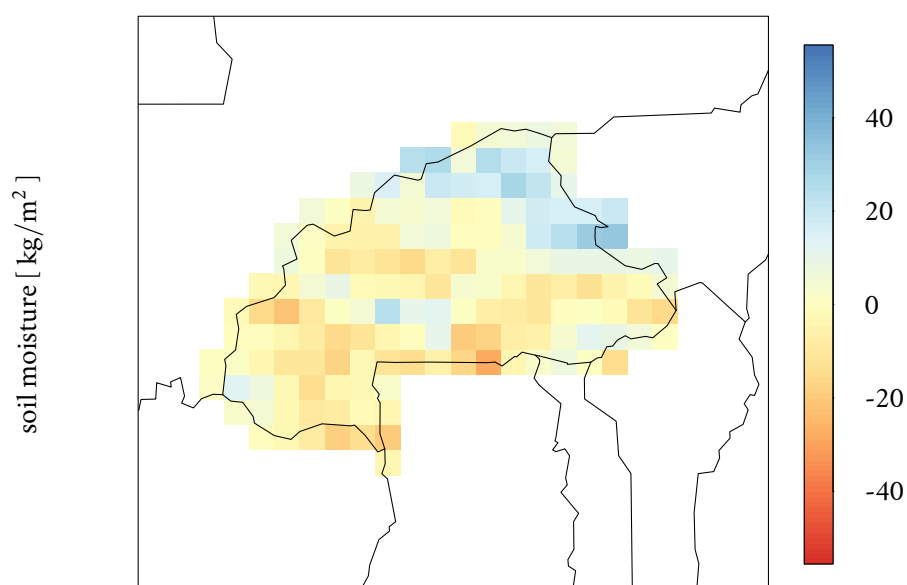


Figure 215: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.1.4 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 216: Mean across years, RCP 2.6, 2020 .. 2049

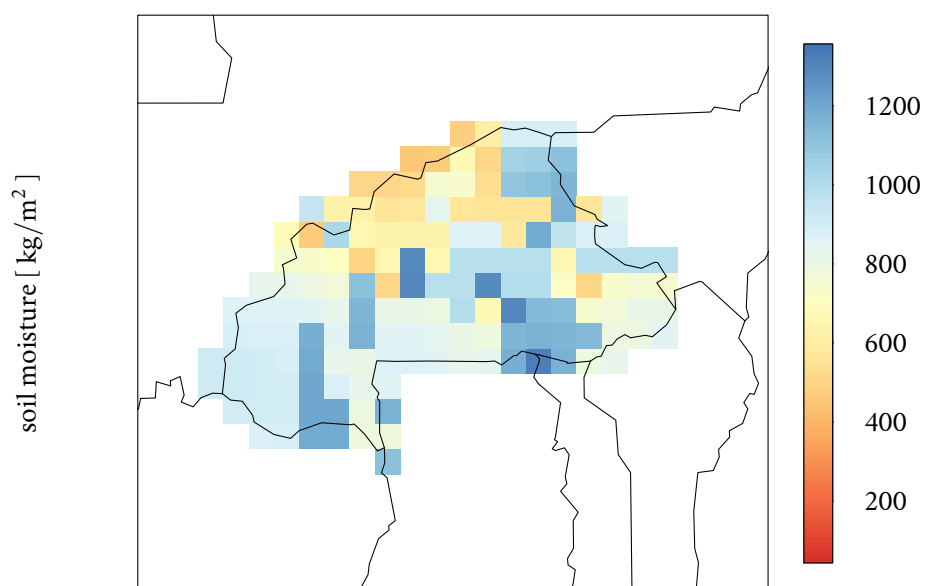


Figure 217: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

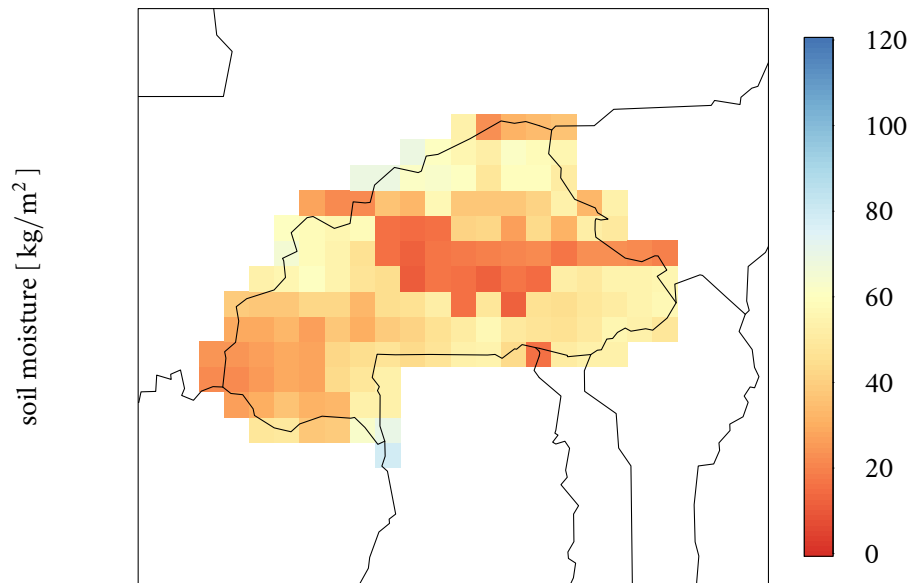


Figure 218: Mean across years, RCP 2.6, 2060 .. 2089

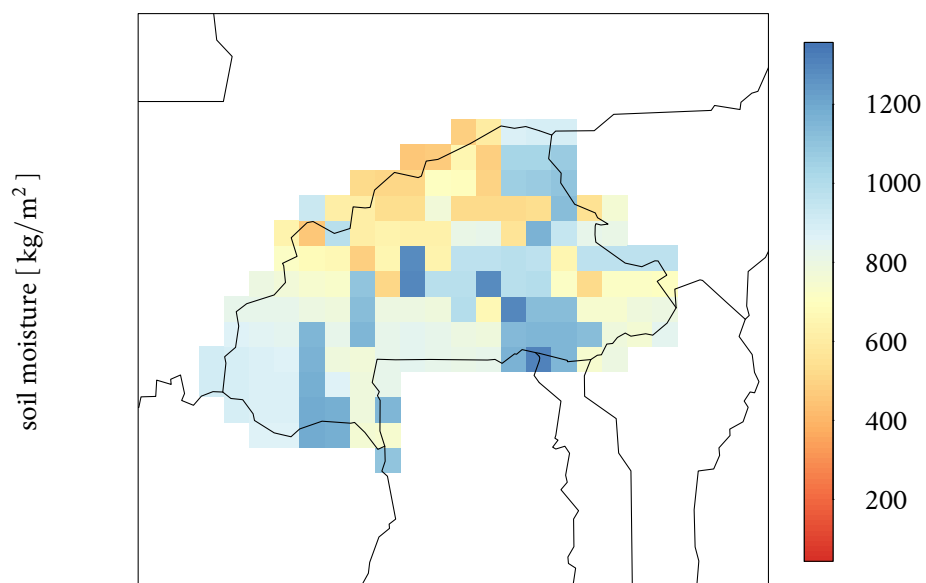


Figure 219: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

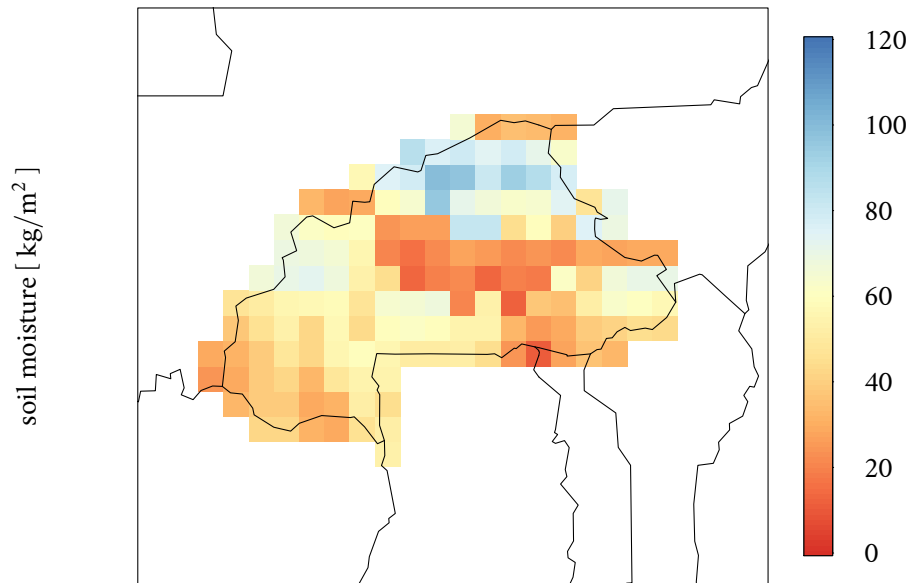
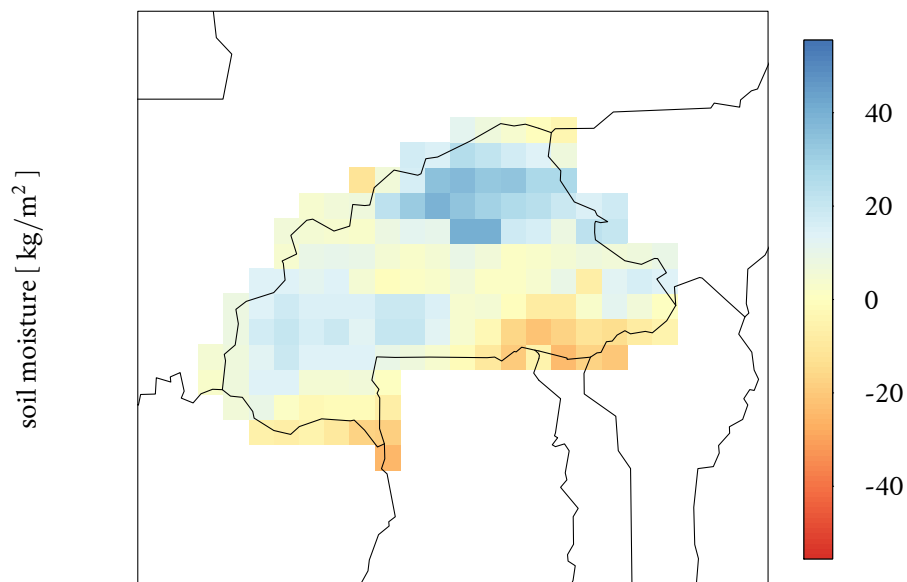


Figure 220: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.1.5 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 221: Mean across years, RCP 2.6, 2020 .. 2049

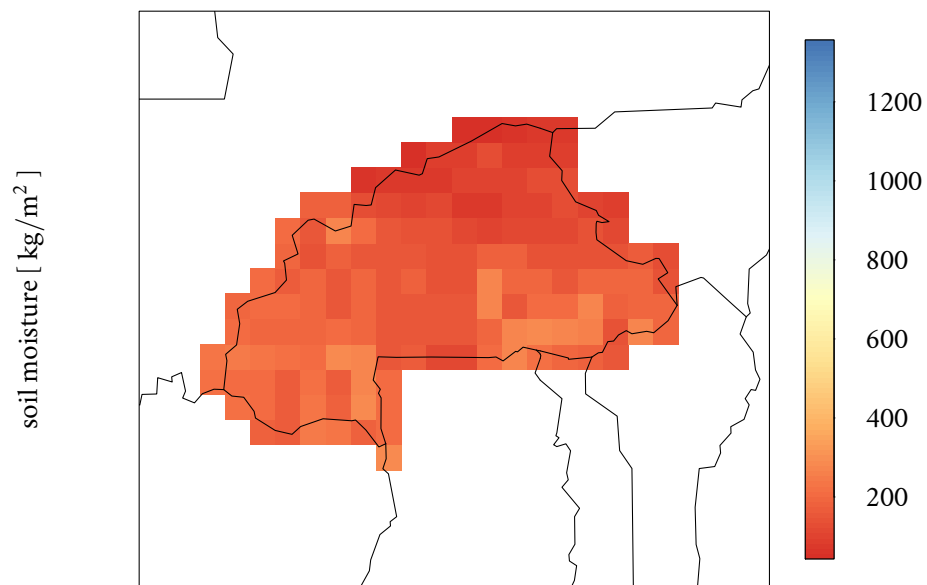


Figure 222: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

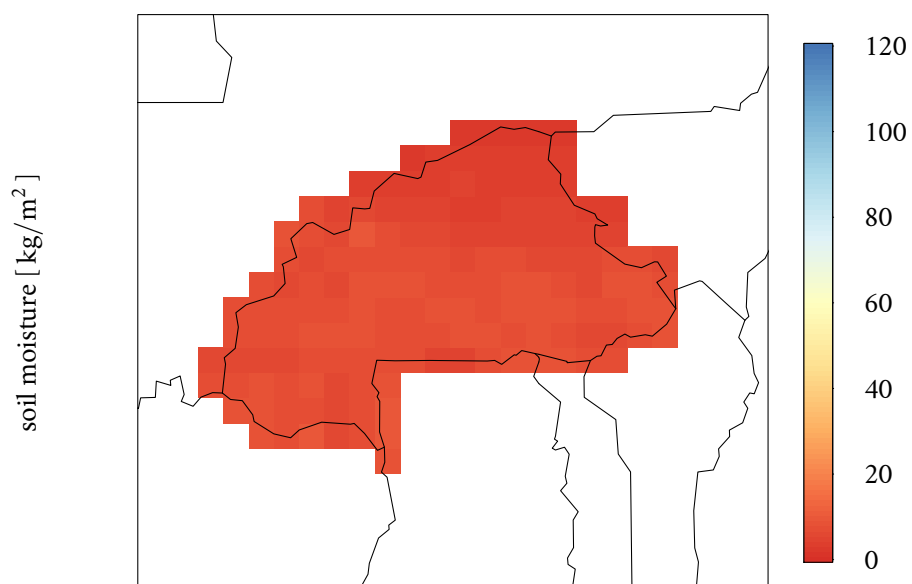


Figure 223: Mean across years, RCP 2.6, 2060 .. 2089

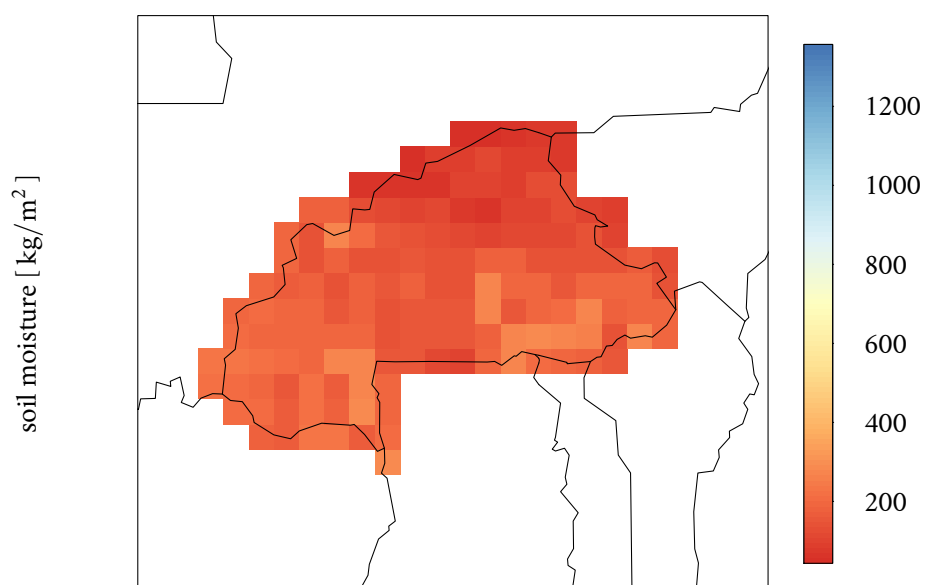


Figure 224: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

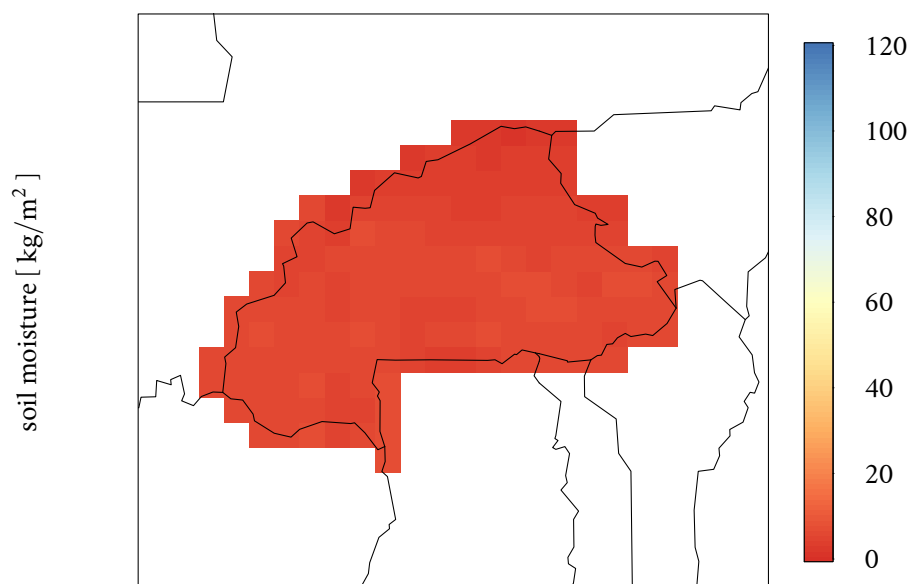
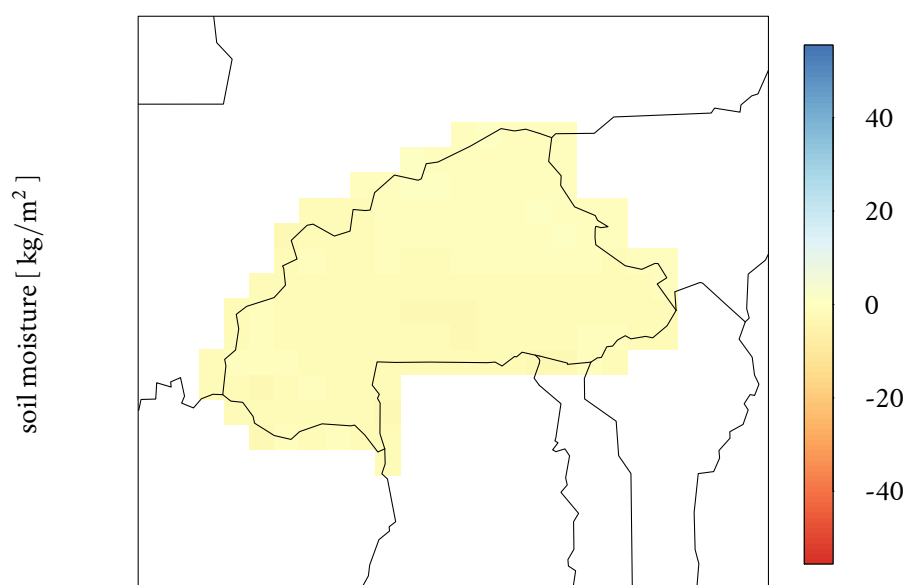


Figure 225: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.1.6 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 226: Mean across years, RCP 2.6, 2020 .. 2049

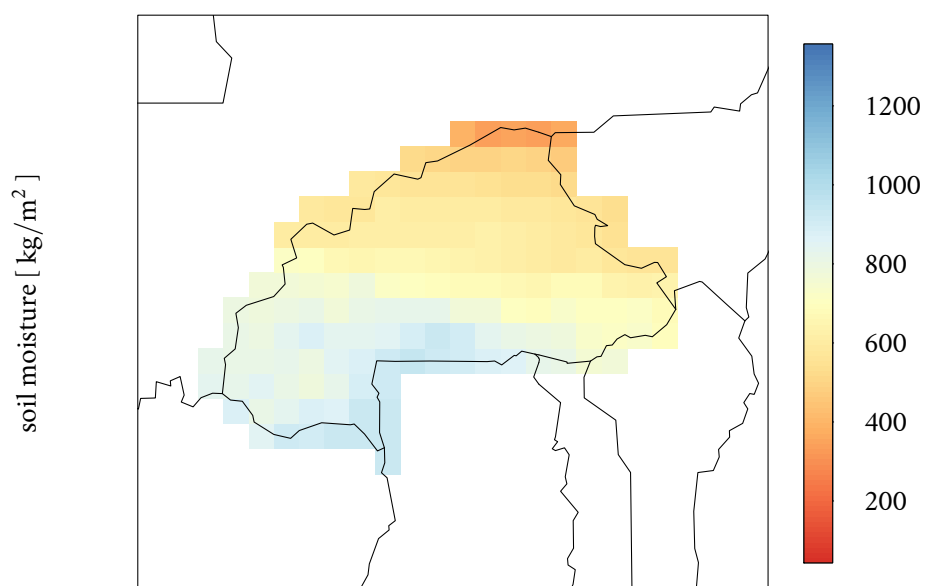


Figure 227: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

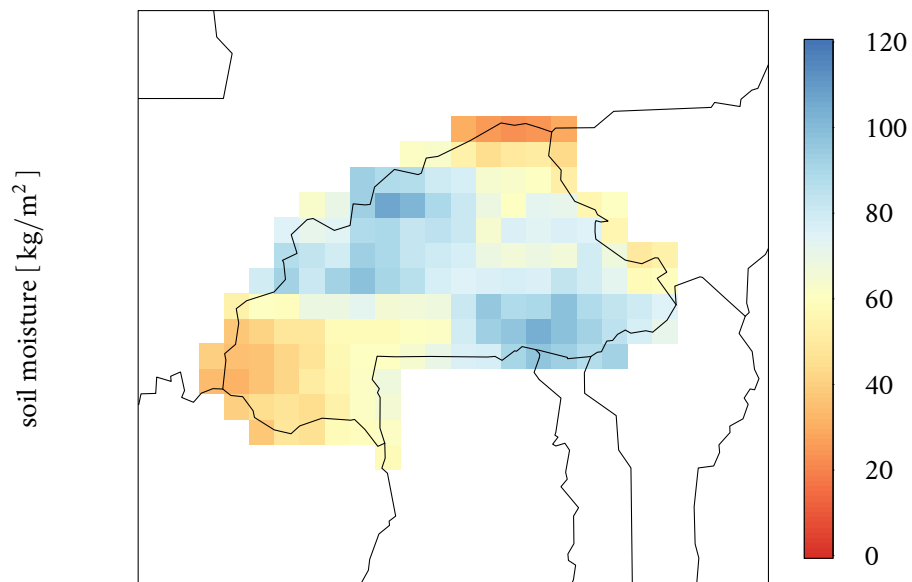


Figure 228: Mean across years, RCP 2.6, 2060 .. 2089

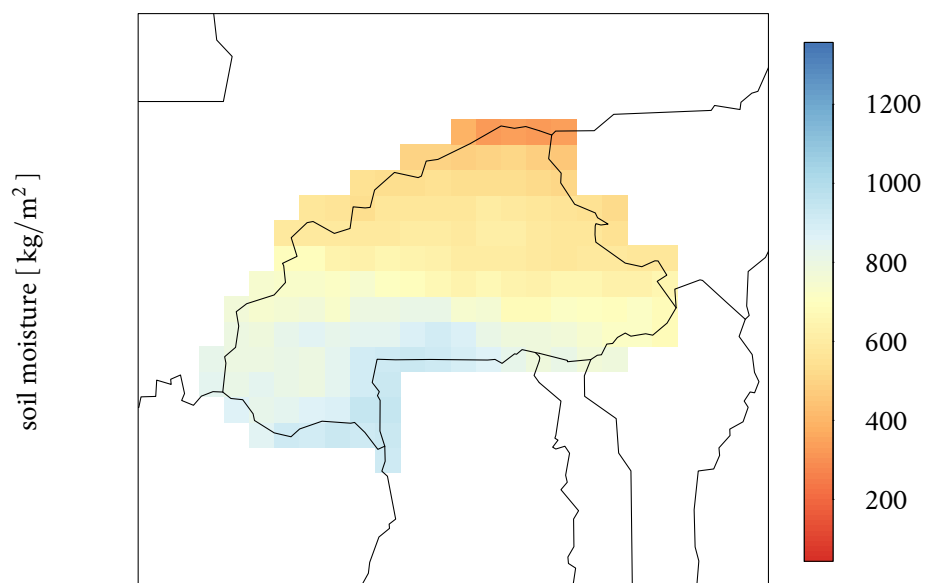


Figure 229: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

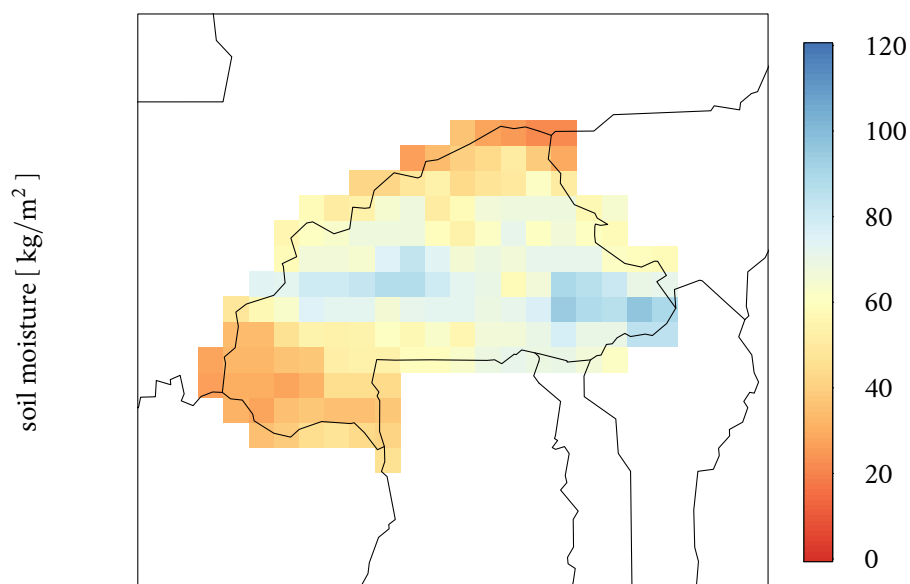
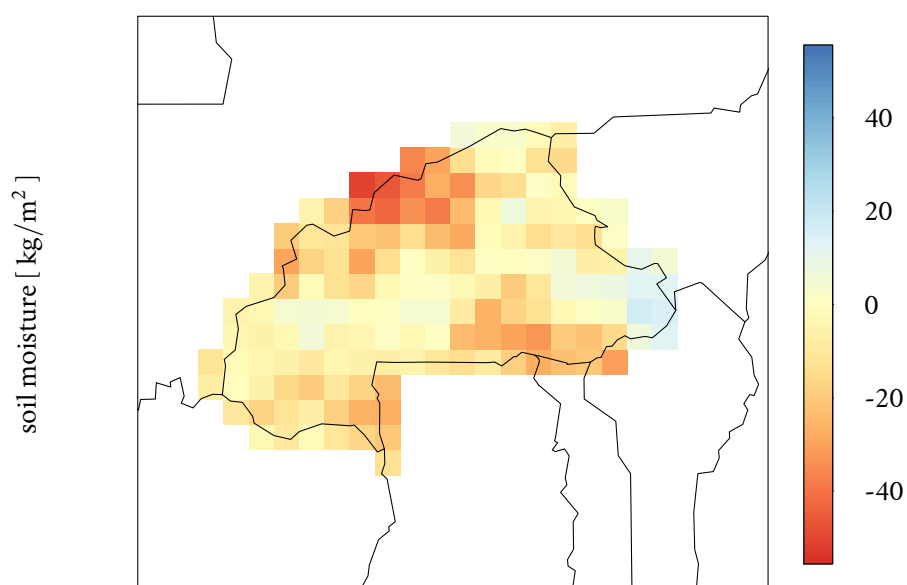


Figure 230: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.1.7 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 231: Mean across years, RCP 2.6, 2020 .. 2049

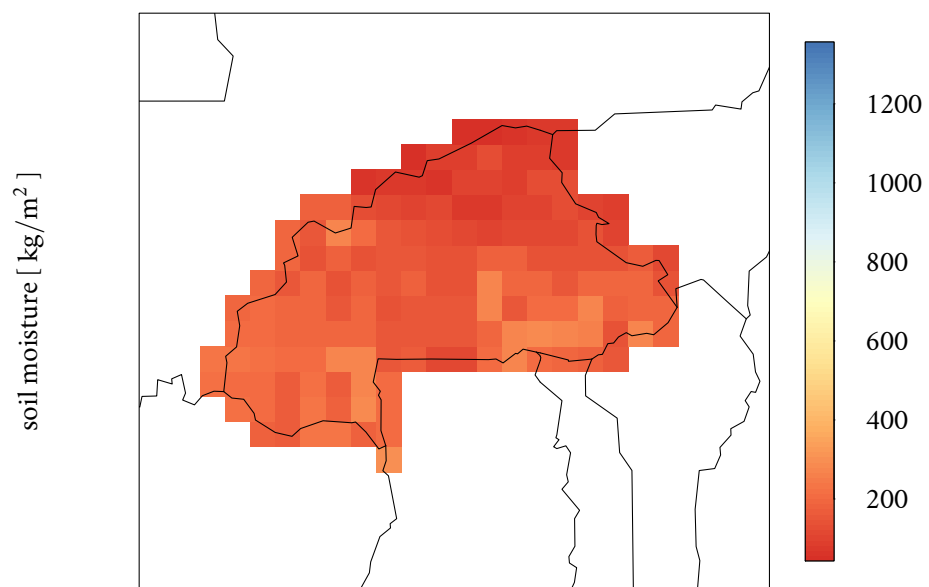


Figure 232: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

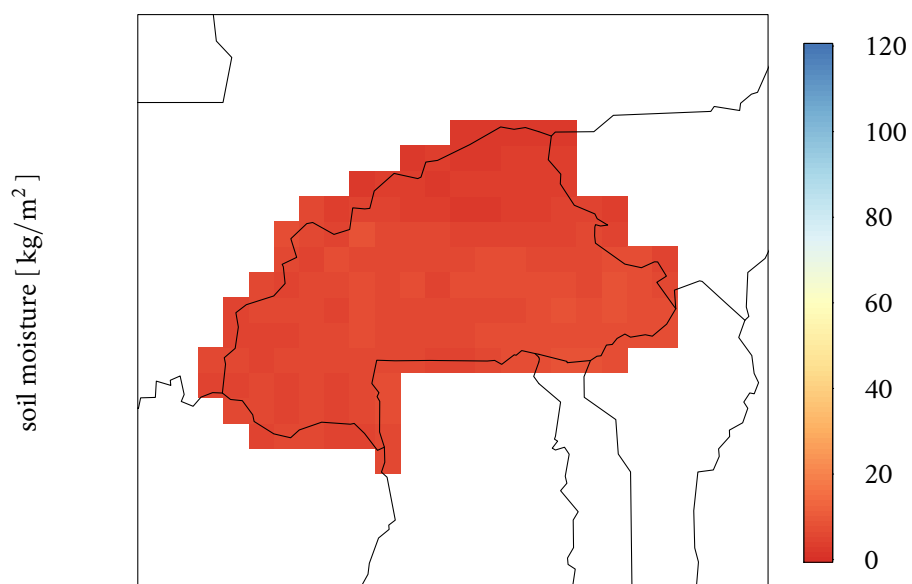


Figure 233: Mean across years, RCP 2.6, 2060 .. 2089

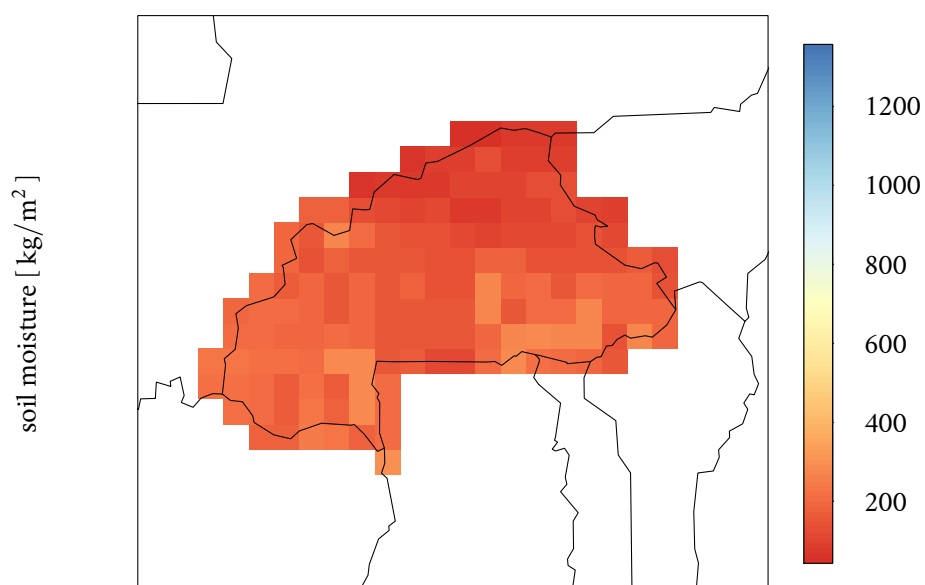


Figure 234: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

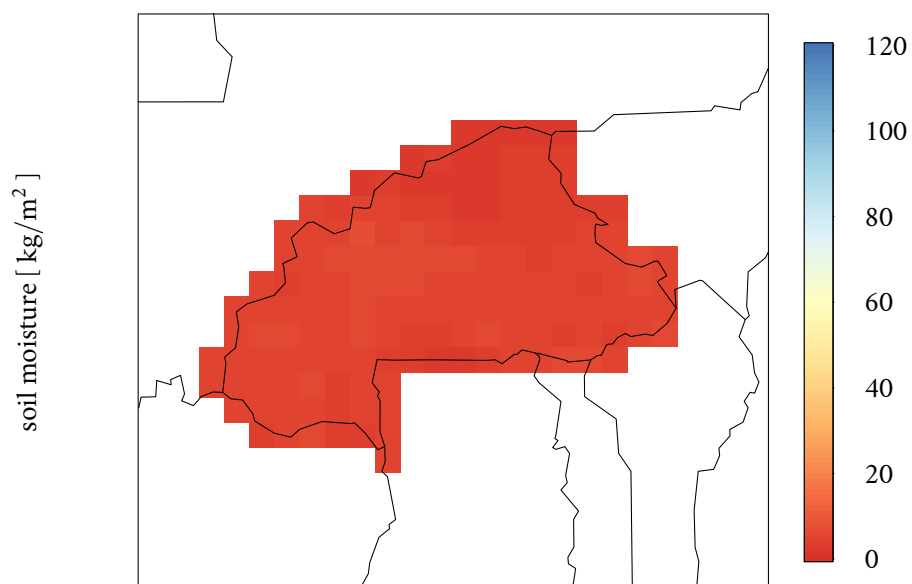
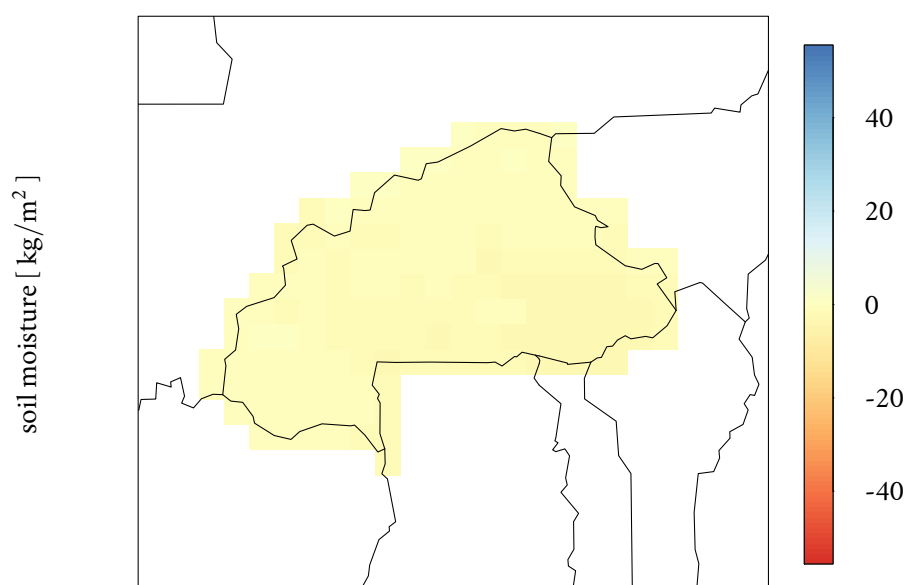


Figure 235: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.1.8 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 236: Mean across years, RCP 2.6, 2020 .. 2049

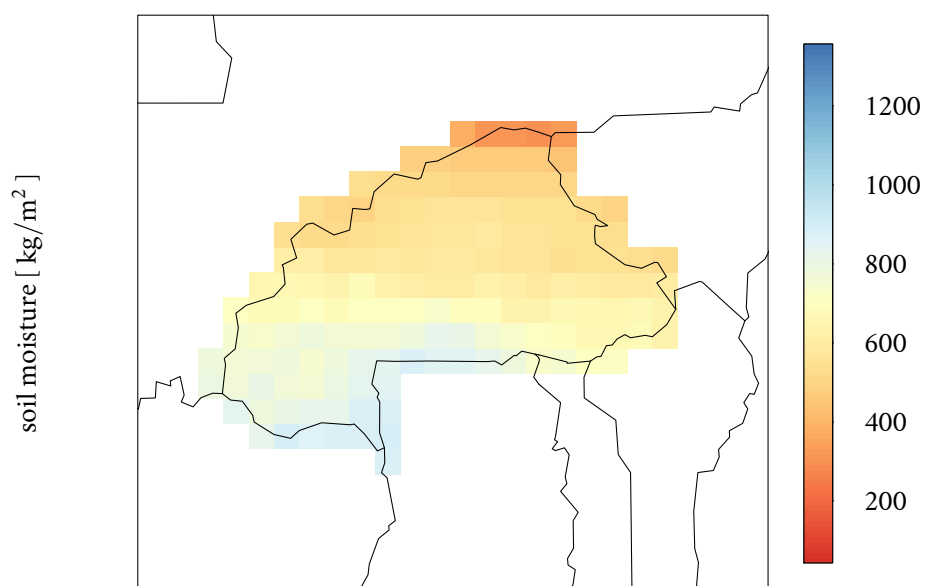


Figure 237: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

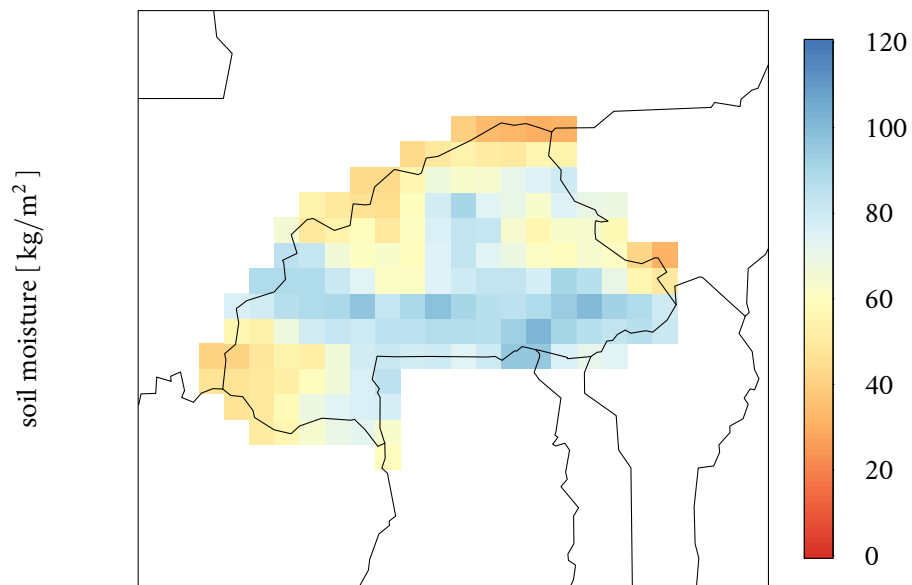


Figure 238: Mean across years, RCP 2.6, 2060 .. 2089

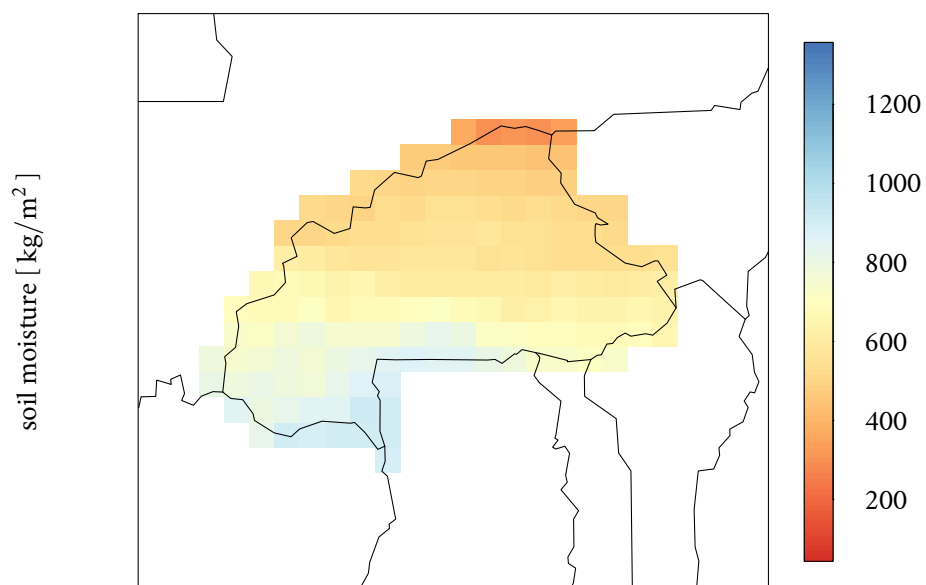


Figure 239: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

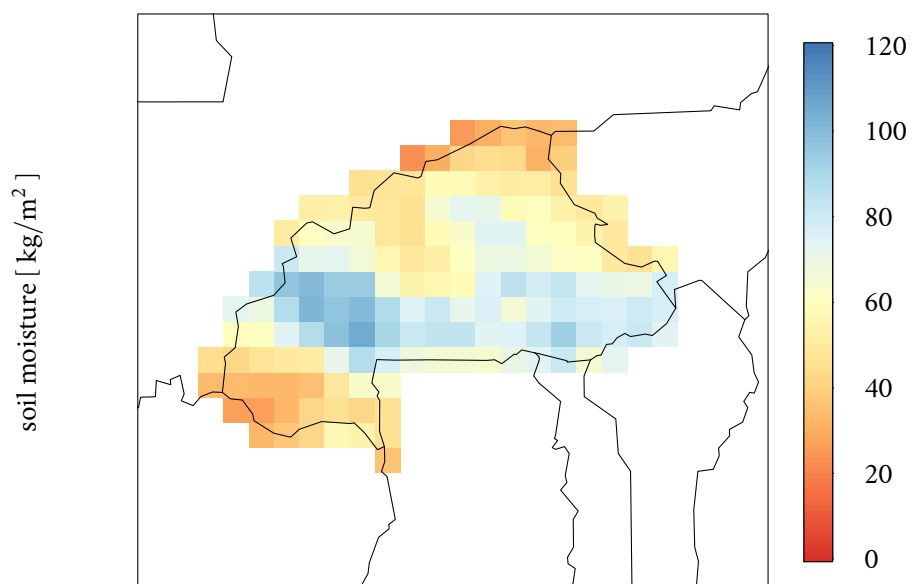
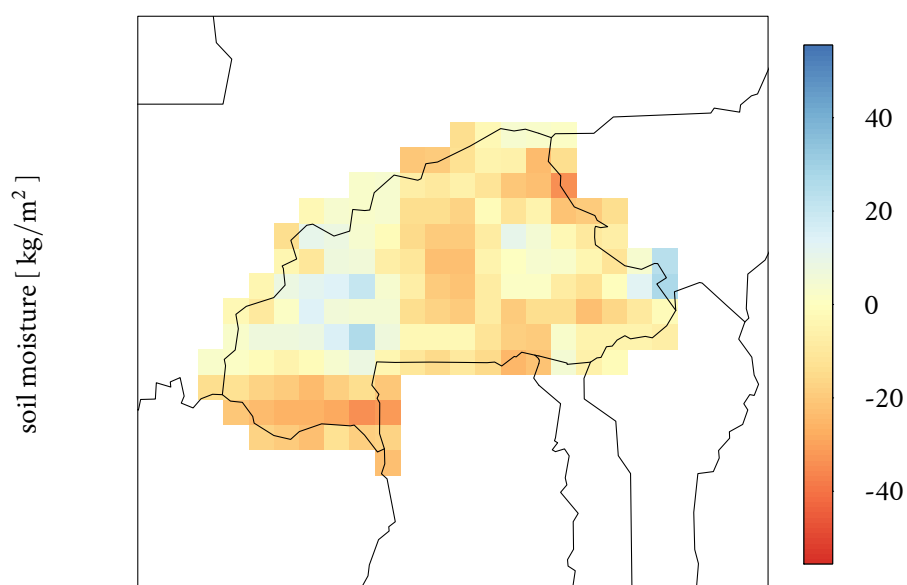


Figure 240: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.1.9 GCM NCC-NorESM1-M / RCM RCA4

Figure 241: Mean across years, RCP 2.6, 2020 .. 2049

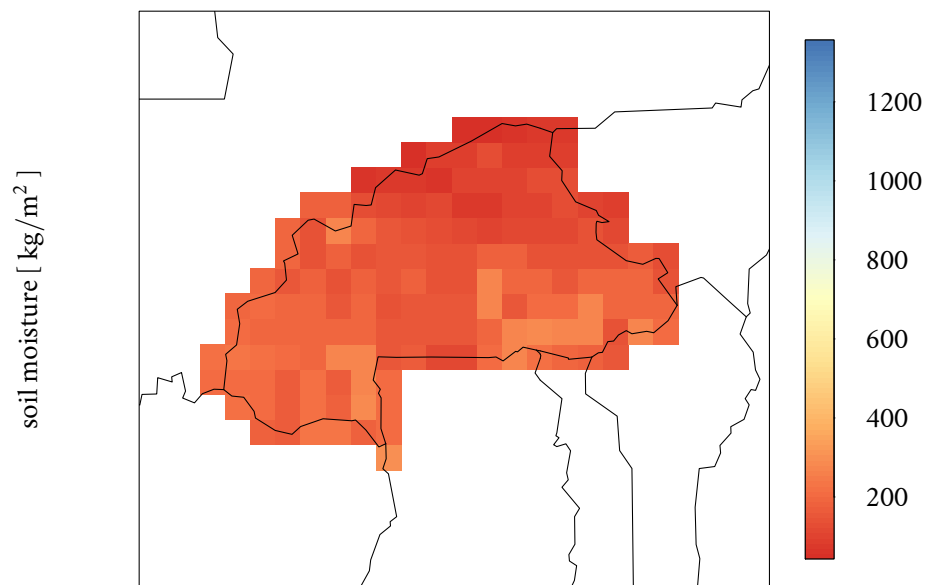


Figure 242: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

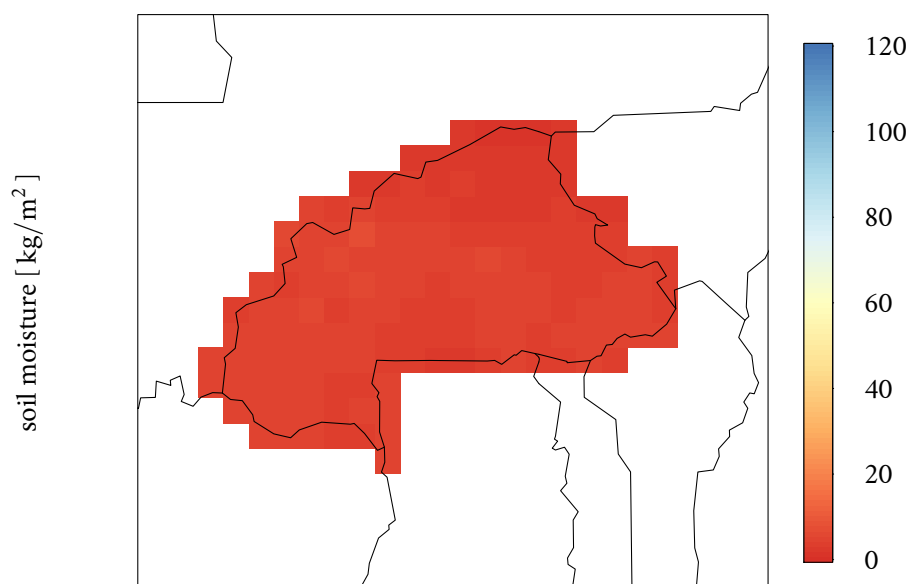


Figure 243: Mean across years, RCP 2.6, 2060 .. 2089

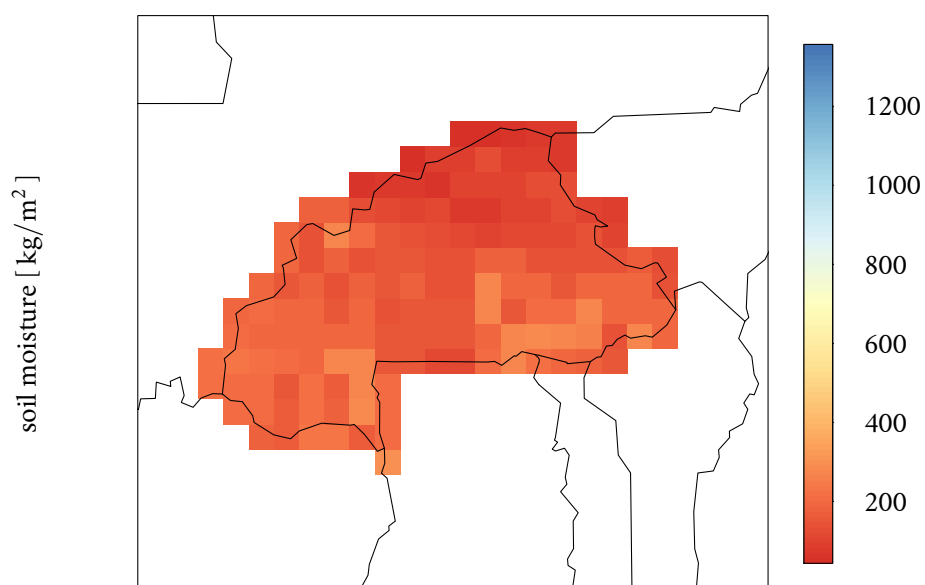


Figure 244: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

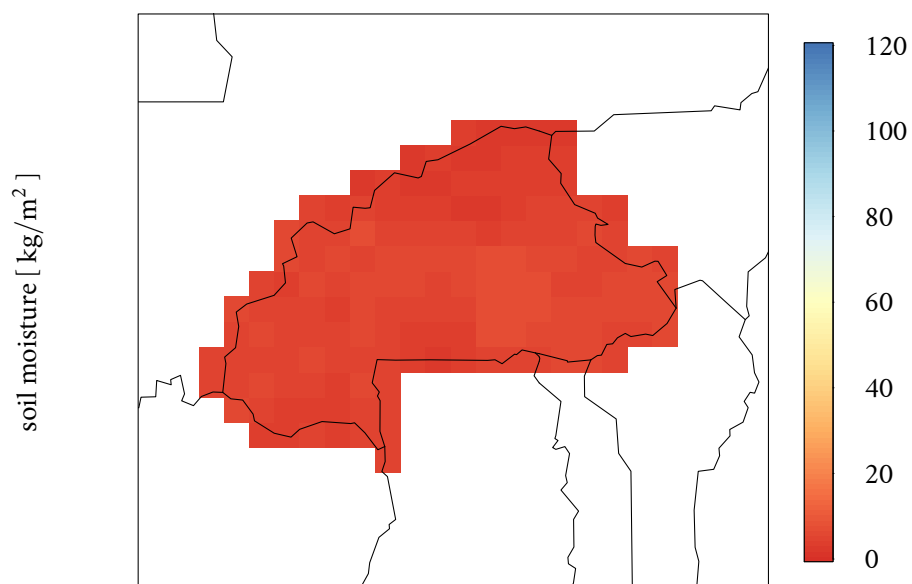
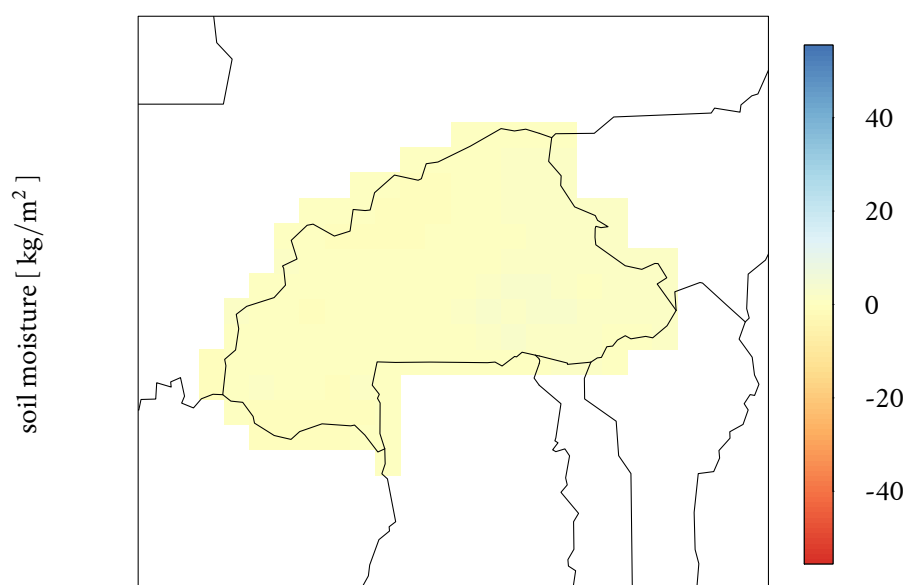


Figure 245: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.1.10 GCM NOAA-GFDL-GFDL-ESM2G / RCM REMO2009

Figure 246: Mean across years, RCP 2.6, 2020 .. 2049

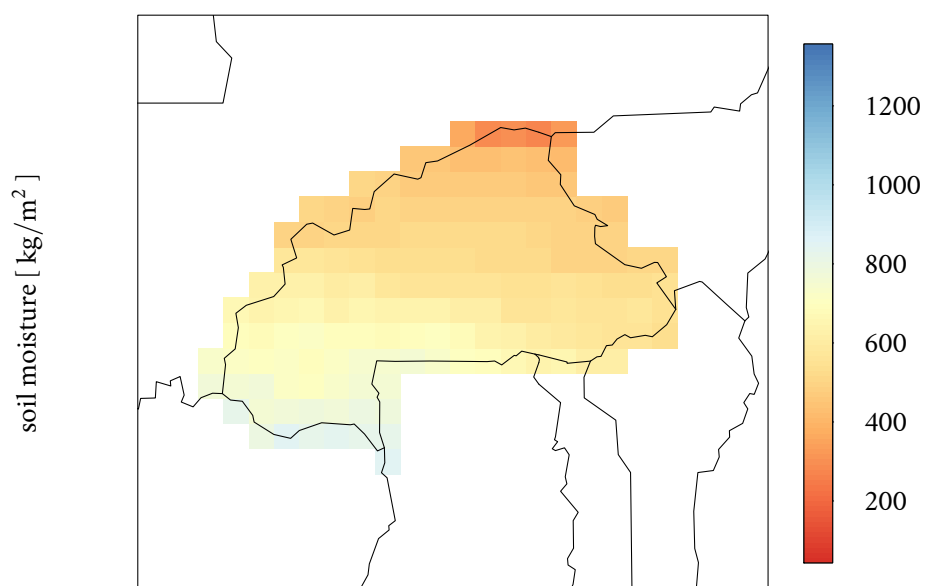


Figure 247: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

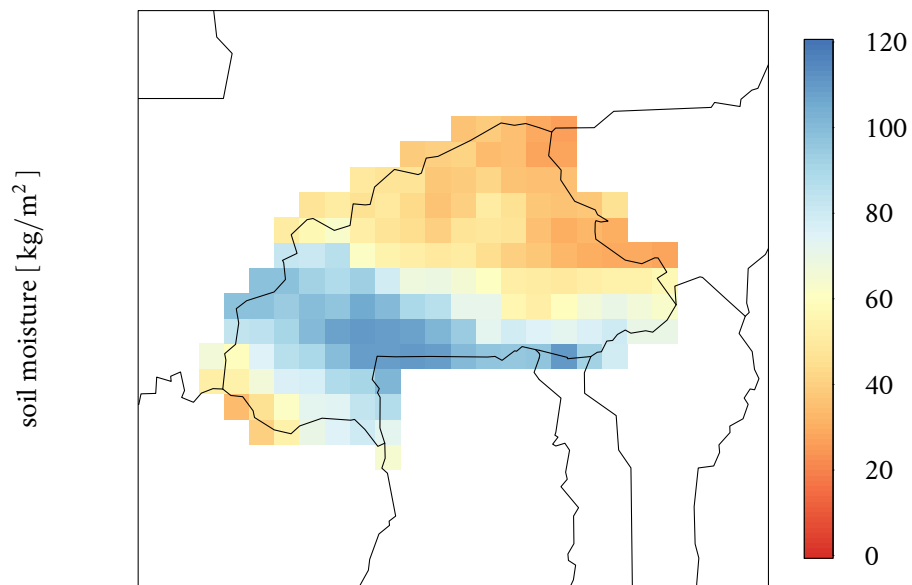


Figure 248: Mean across years, RCP 2.6, 2060 .. 2089

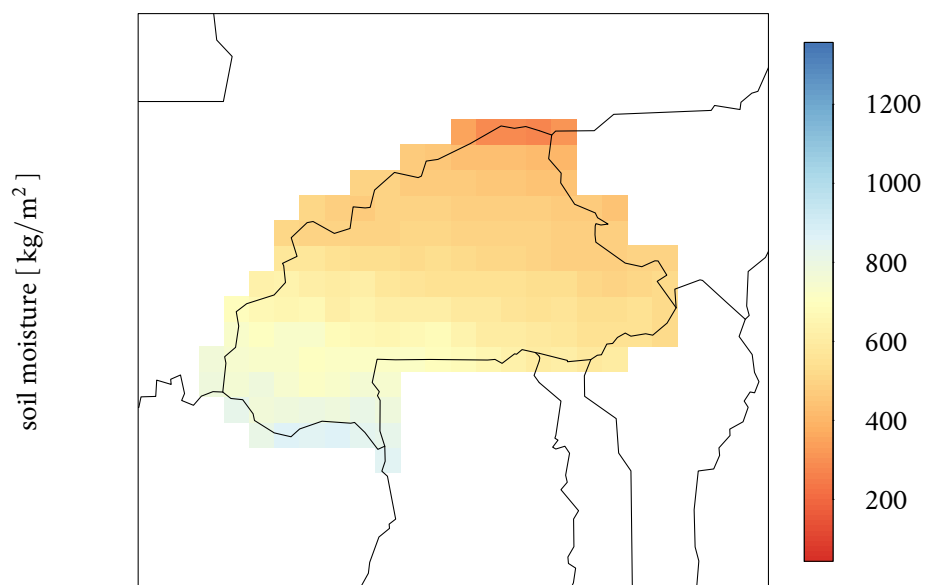


Figure 249: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

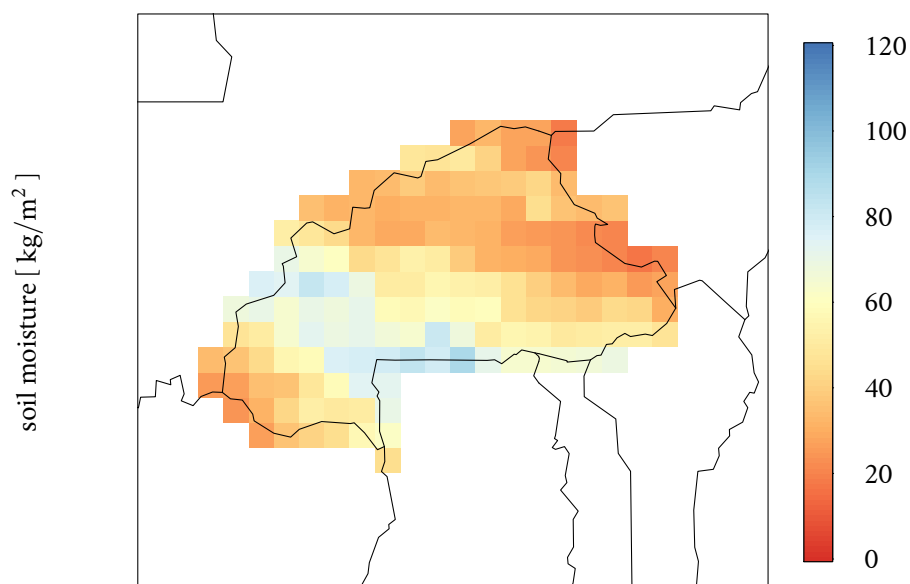
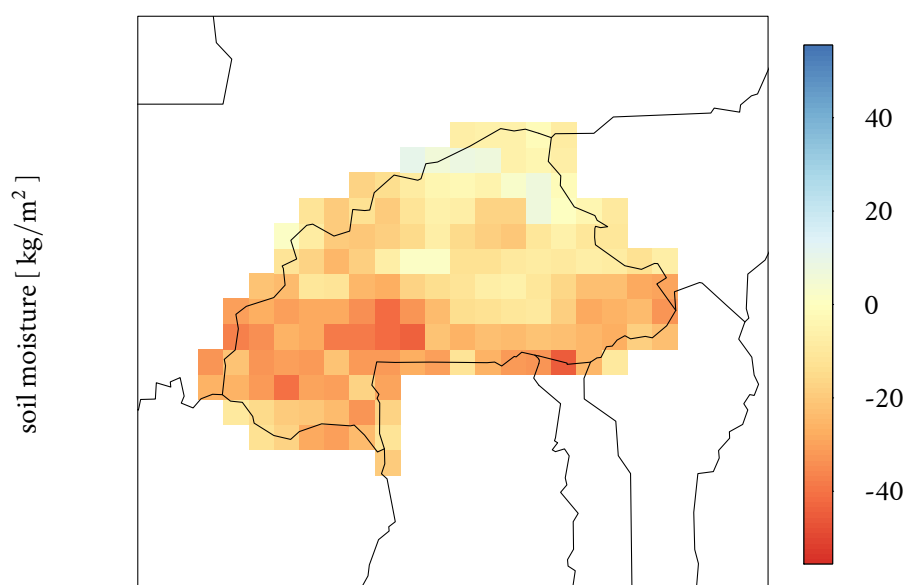


Figure 250: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.2 Burkina Faso / RCP 8.5

A.2.1 GCM CCCma-CanESM2 / RCM RCA4

Figure 251: Mean across years, RCP 8.5, 2020 .. 2049

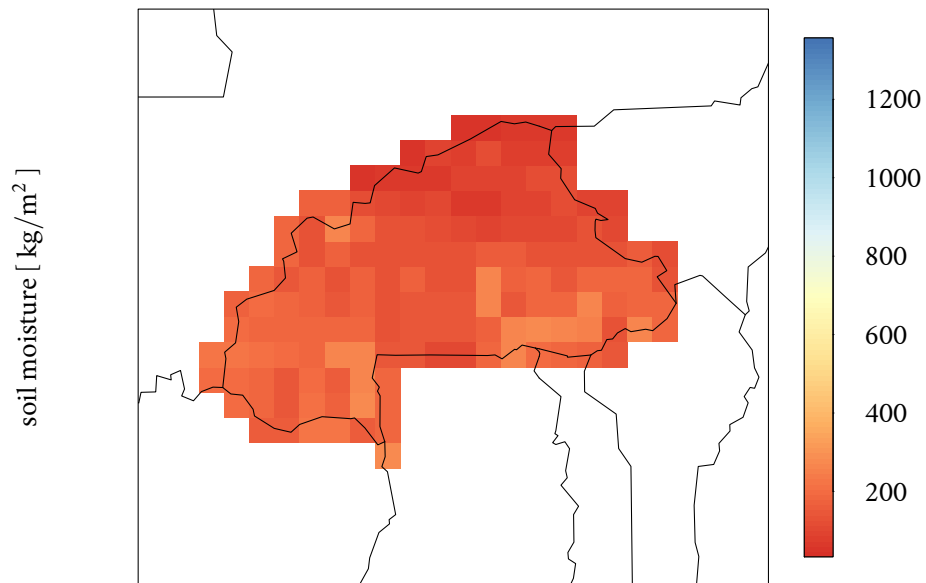


Figure 252: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

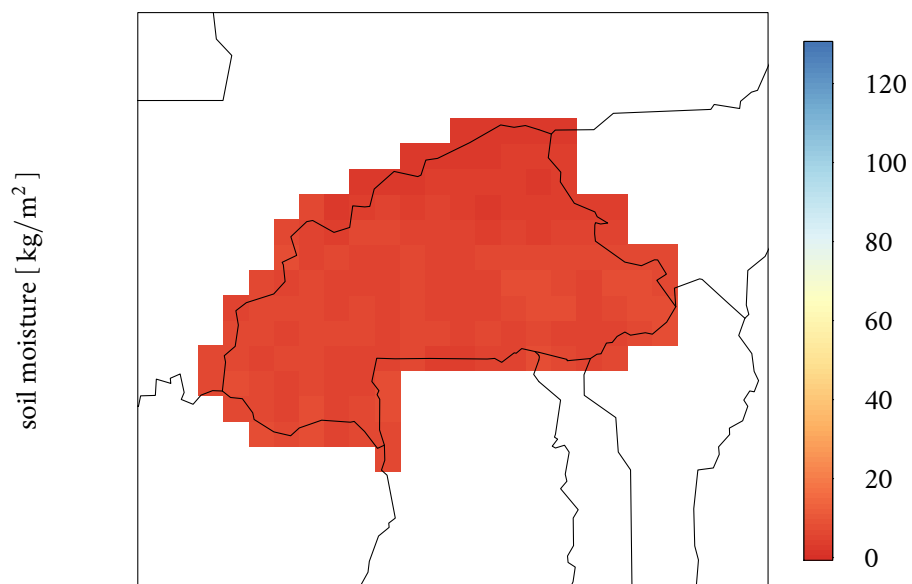


Figure 253: Mean across years, RCP 8.5, 2060 .. 2089

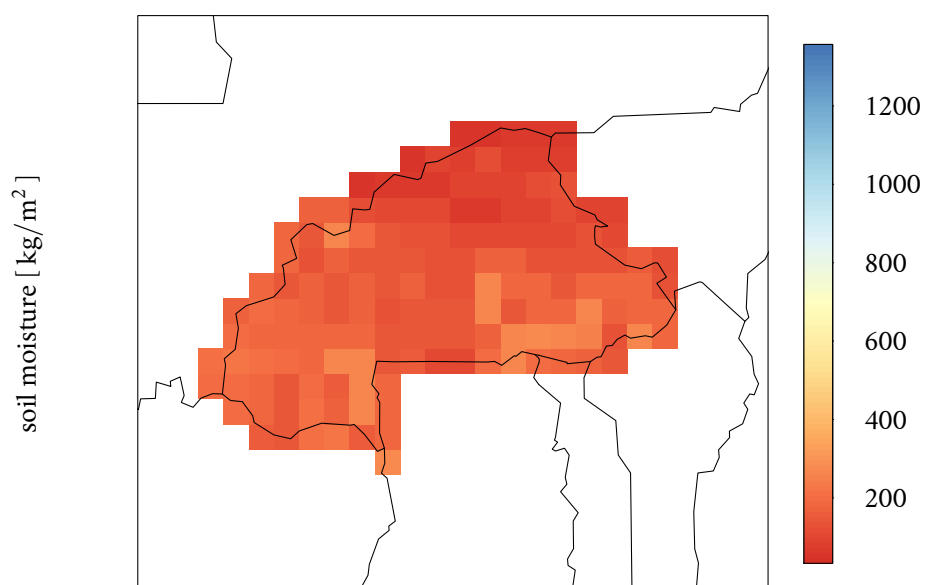


Figure 254: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

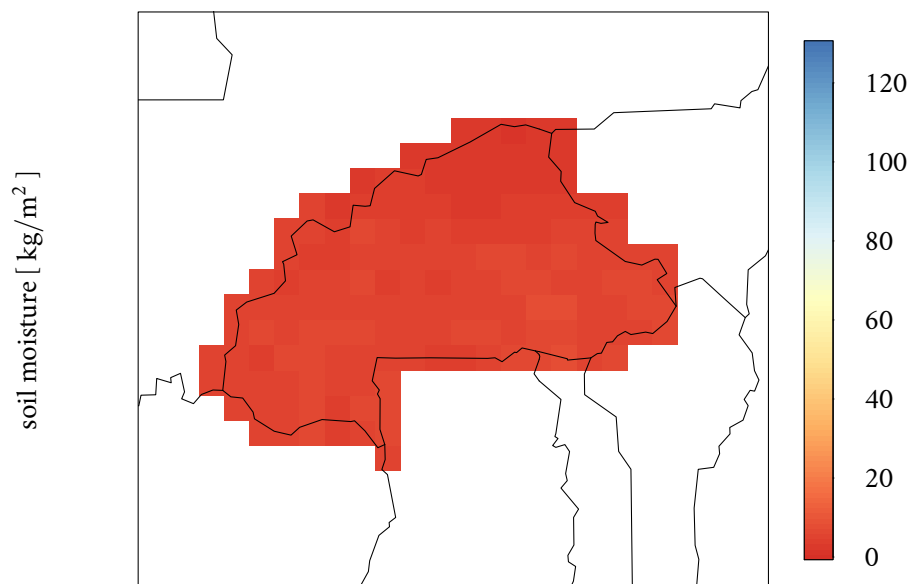
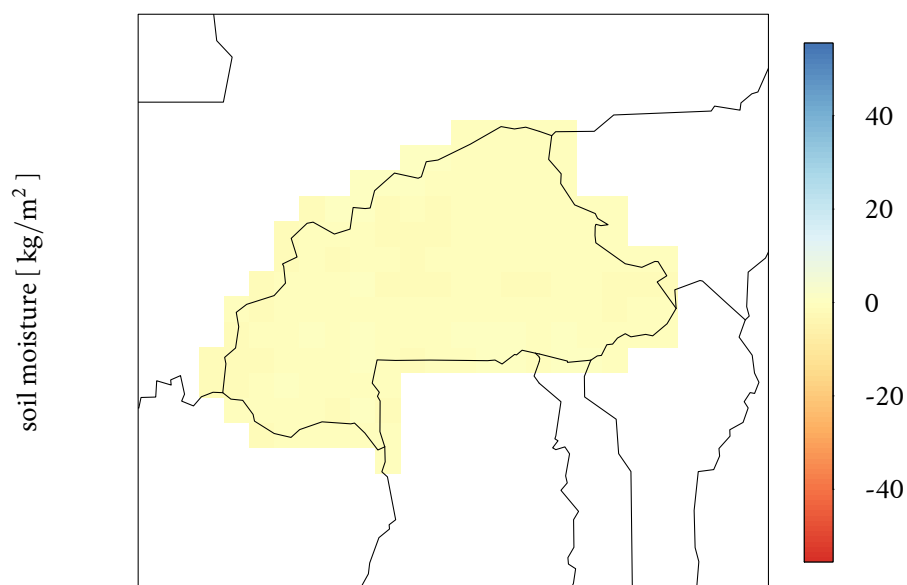


Figure 255: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.2 GCM CNRM-CERFACS-CNRM-CM5 / RCM CCLM4-8-17

Figure 256: Mean across years, RCP 8.5, 2020 .. 2049

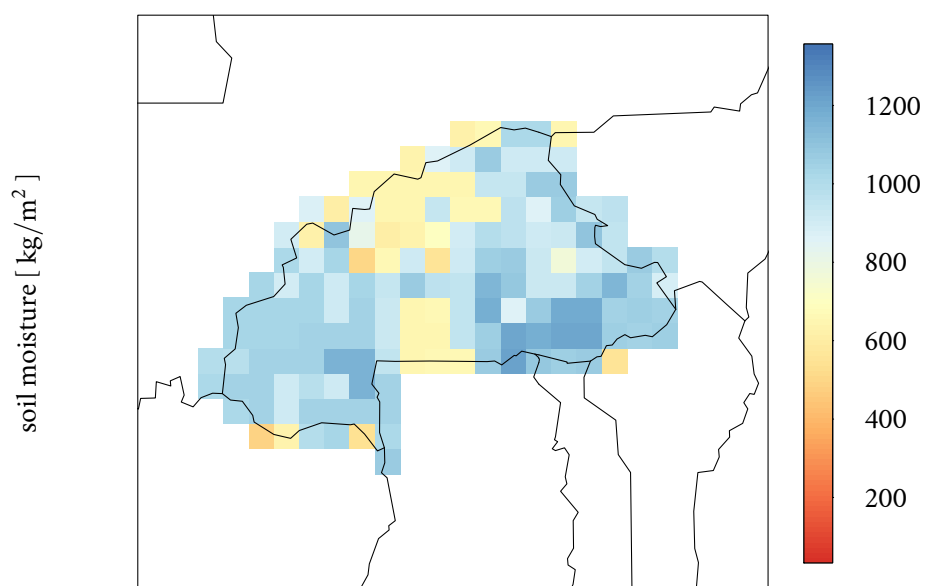


Figure 257: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

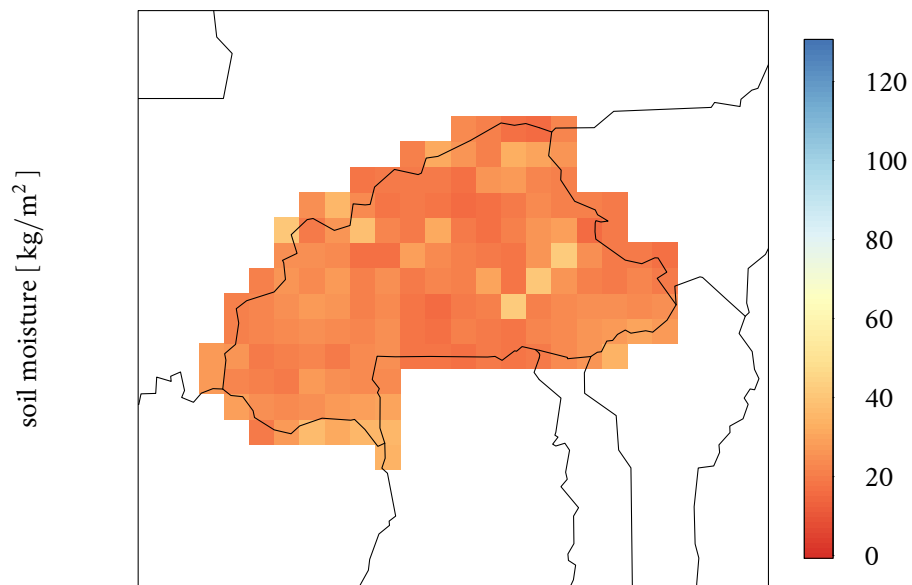


Figure 258: Mean across years, RCP 8.5, 2060 .. 2089

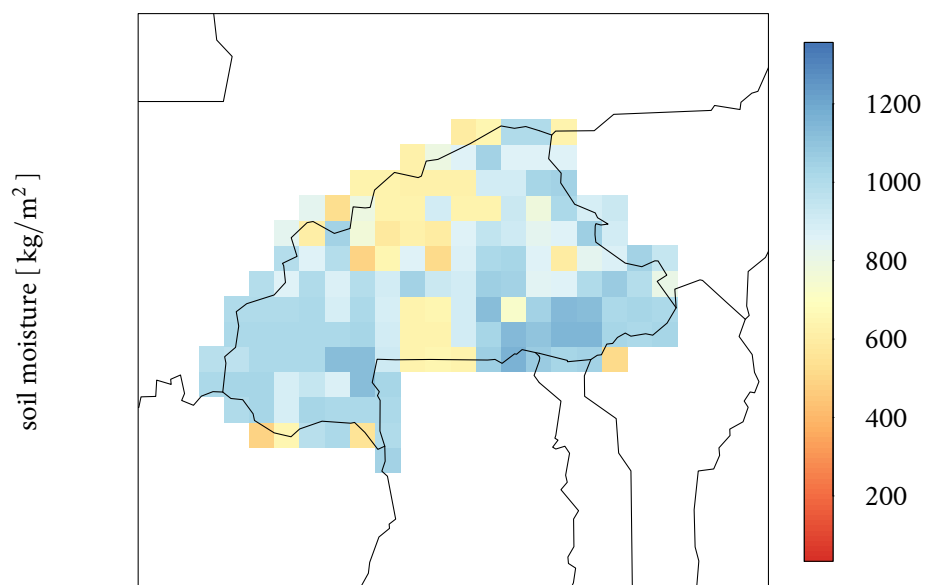


Figure 259: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

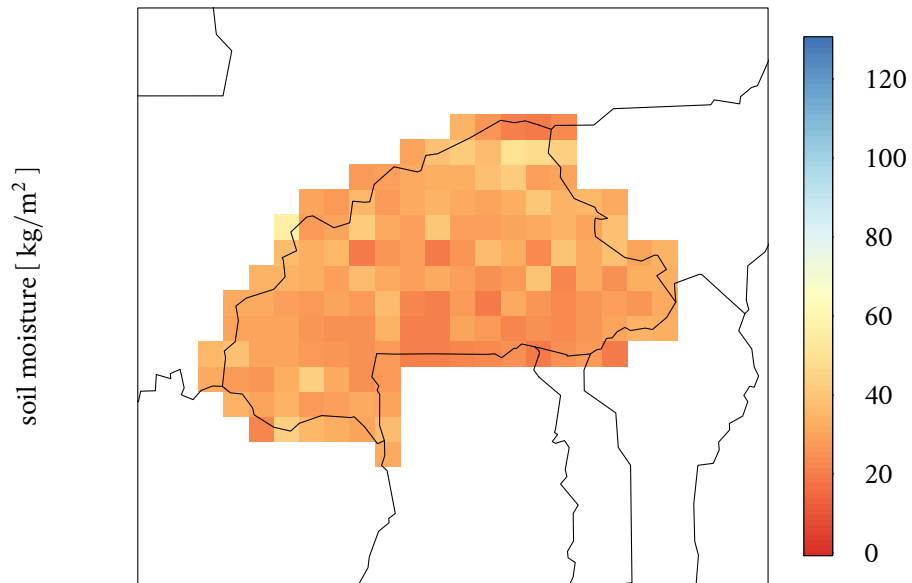
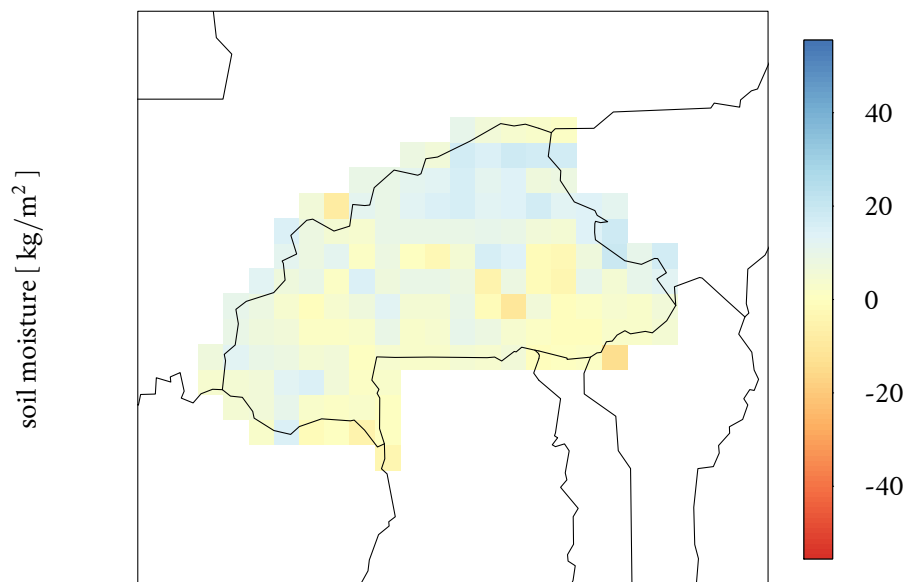


Figure 260: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.3 GCM CNRM-CERFACS-CNRM-CM5 / RCM RCA4

Figure 261: Mean across years, RCP 8.5, 2020 .. 2049

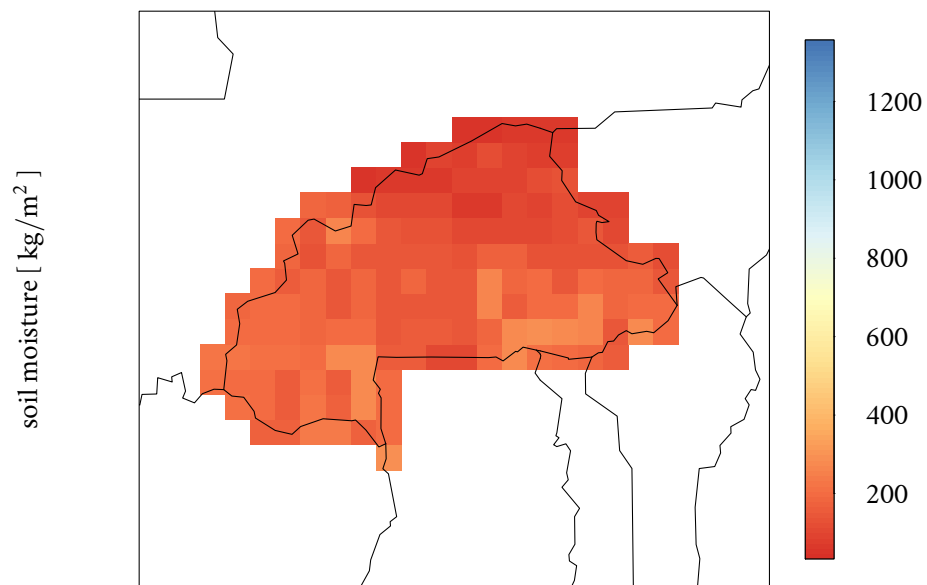


Figure 262: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

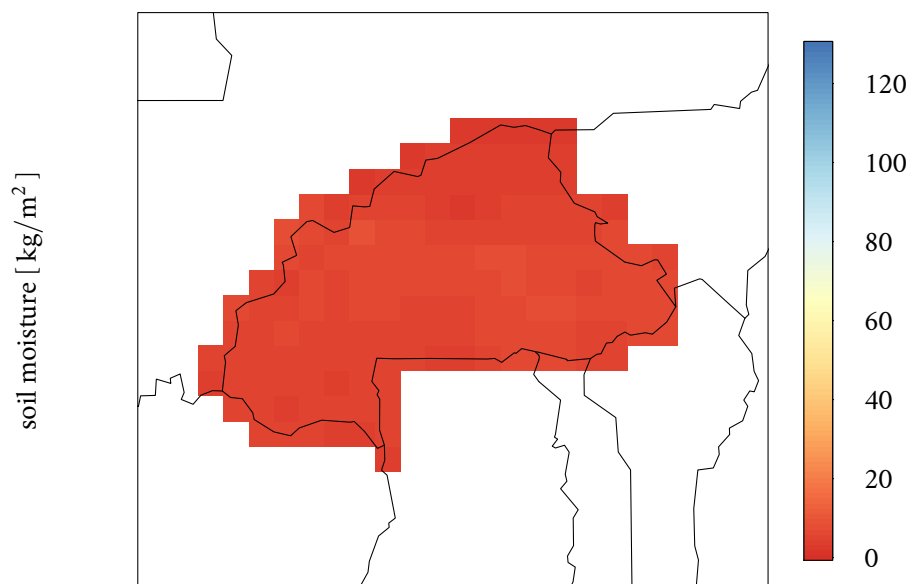


Figure 263: Mean across years, RCP 8.5, 2060 .. 2089

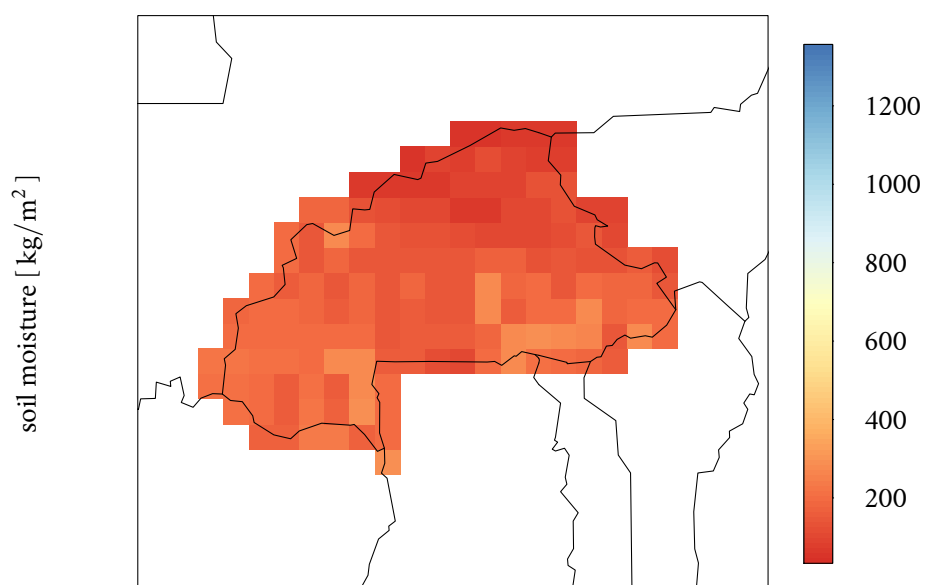


Figure 264: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

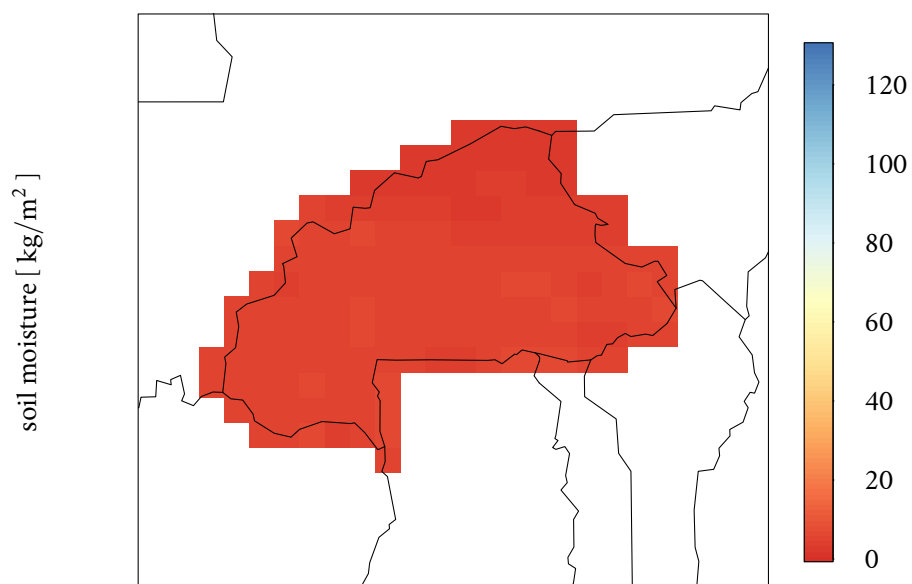
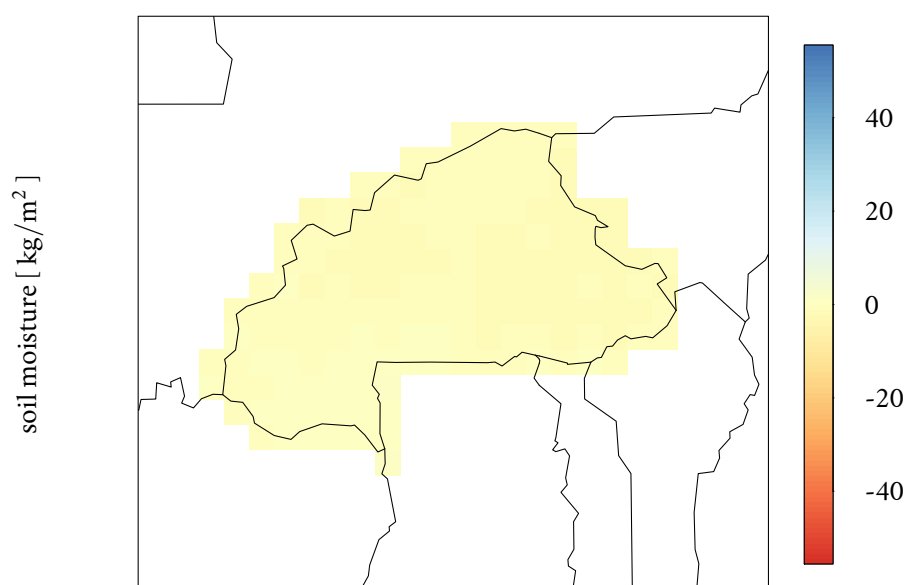


Figure 265: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.4 GCM CSIRO-QCCCE-CSIRO-Mk3-6-0 / RCM RCA4

Figure 266: Mean across years, RCP 8.5, 2020 .. 2049

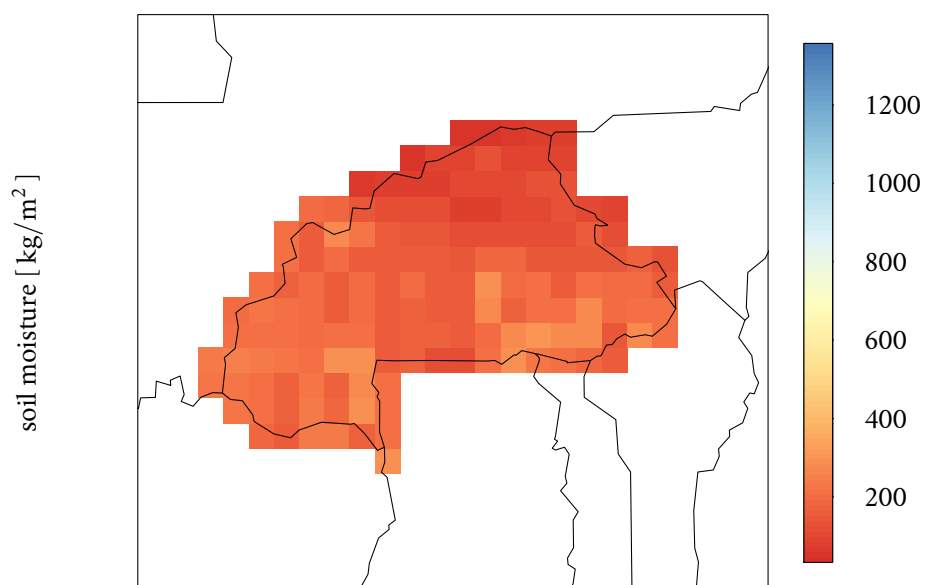


Figure 267: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

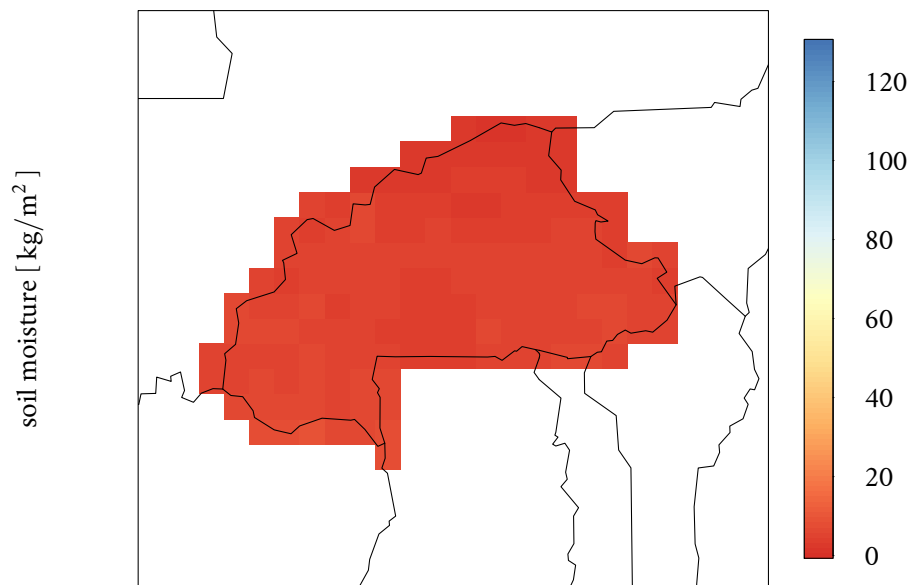


Figure 268: Mean across years, RCP 8.5, 2060 .. 2089

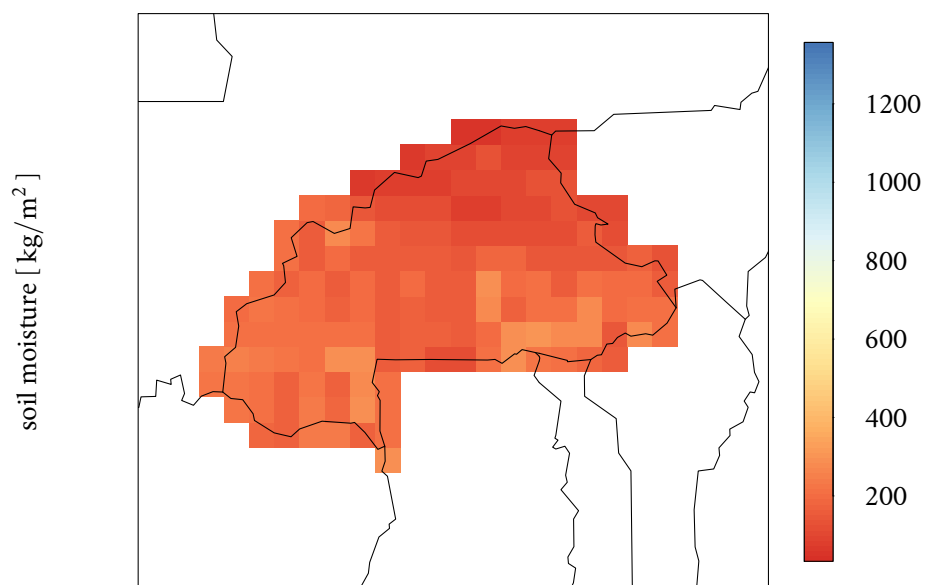


Figure 269: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

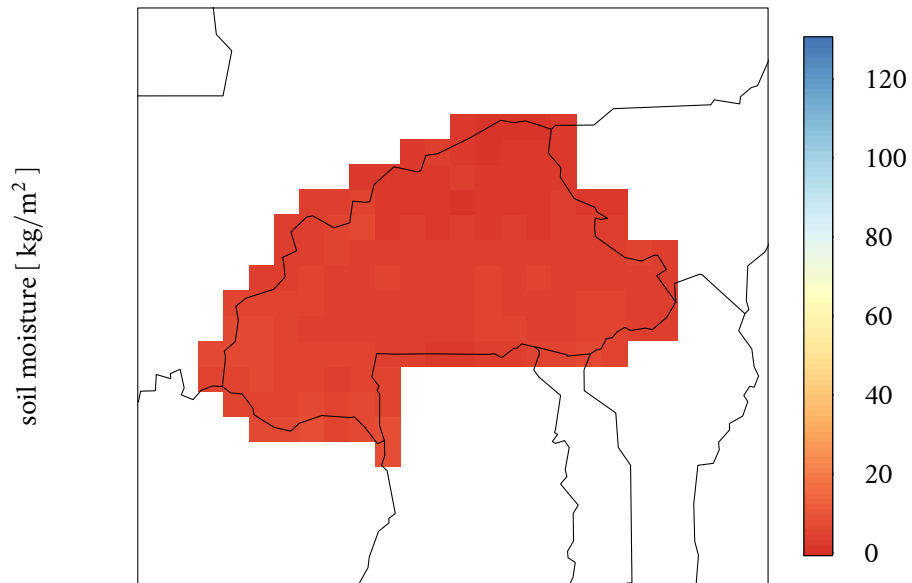
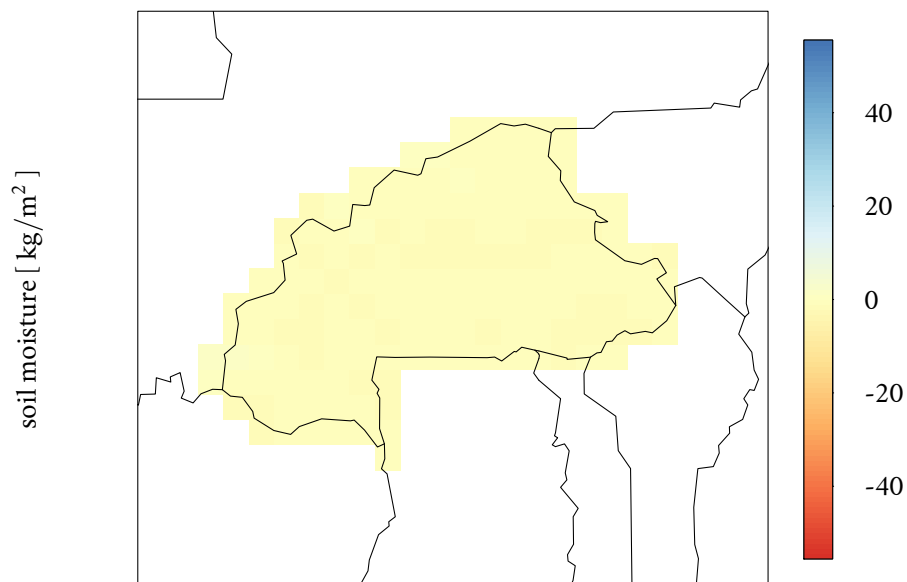


Figure 270: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.5 GCM ICHEC-EC-EARTH / RCM RACMO22T

Figure 271: Mean across years, RCP 8.5, 2020 .. 2049

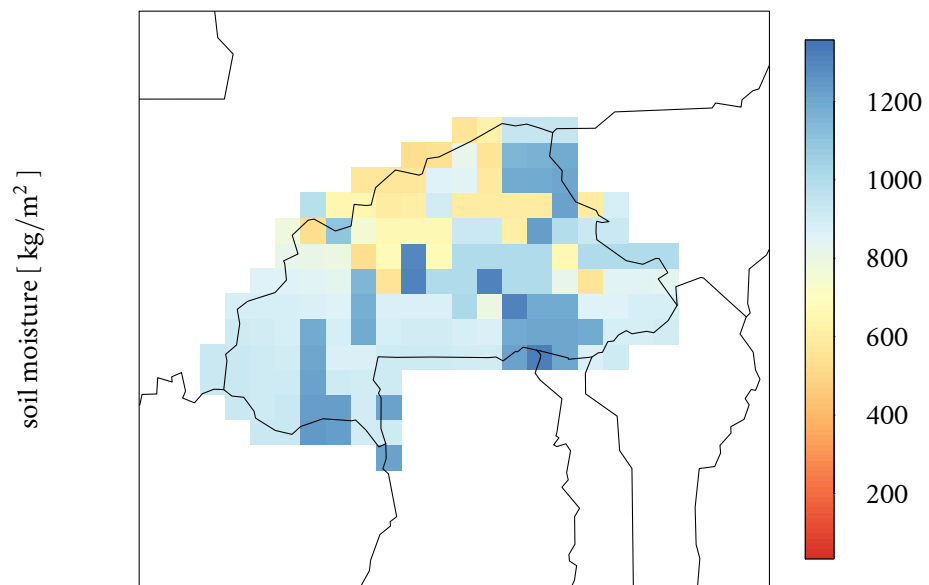


Figure 272: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

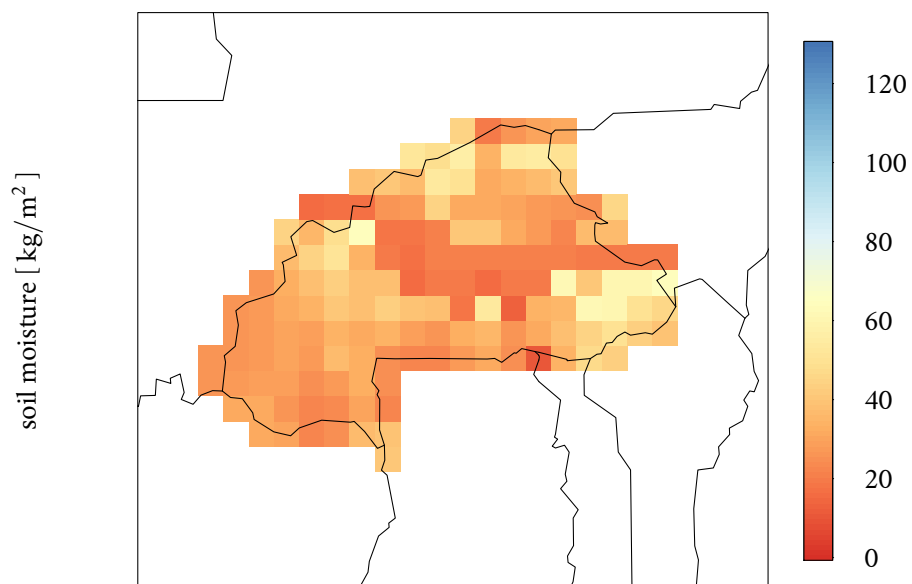


Figure 273: Mean across years, RCP 8.5, 2060 .. 2089

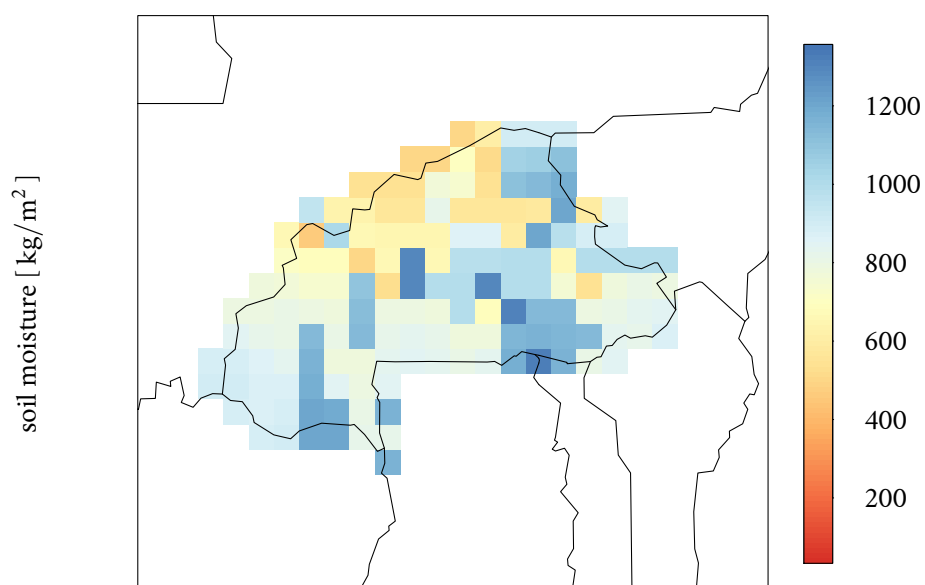


Figure 274: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

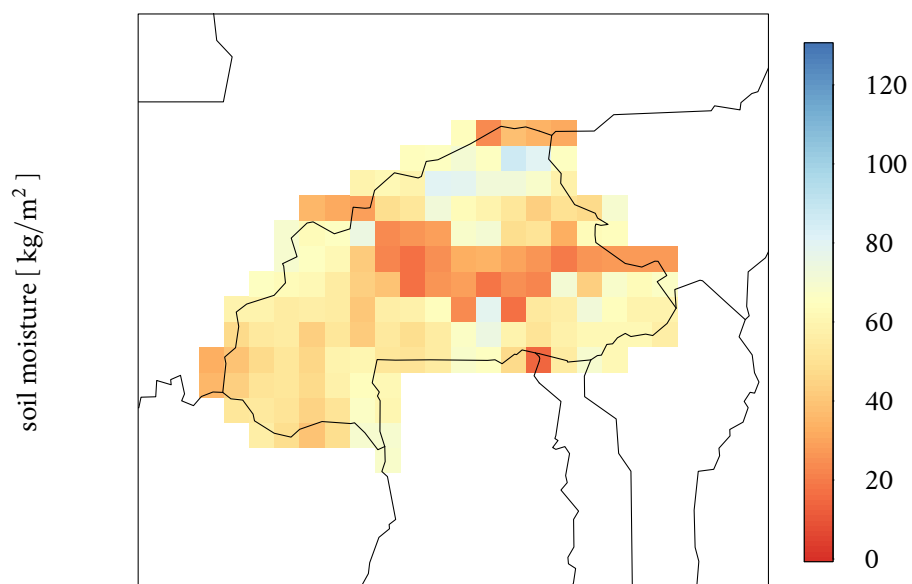
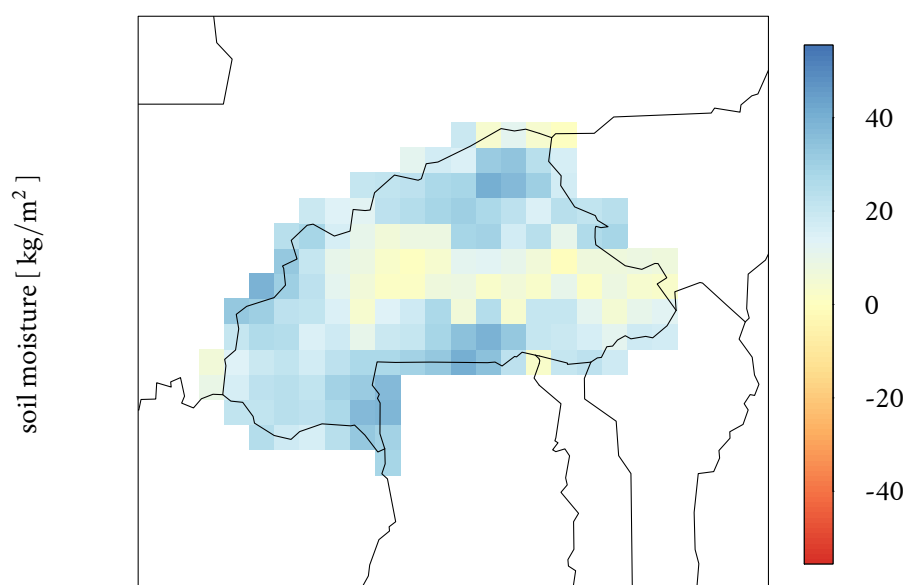


Figure 275: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.6 GCM ICHEC-EC-EARTH / RCM RCA4

Figure 276: Mean across years, RCP 8.5, 2020 .. 2049

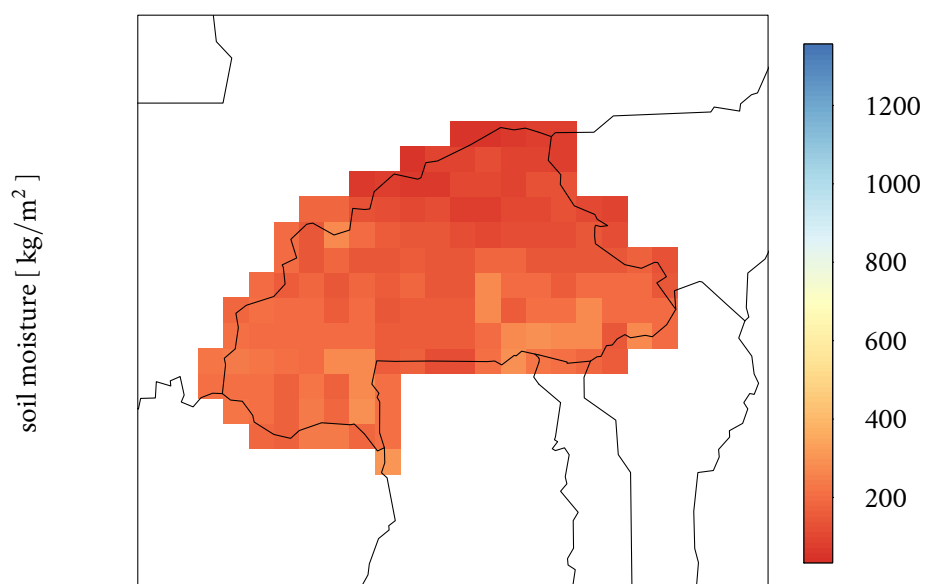


Figure 277: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

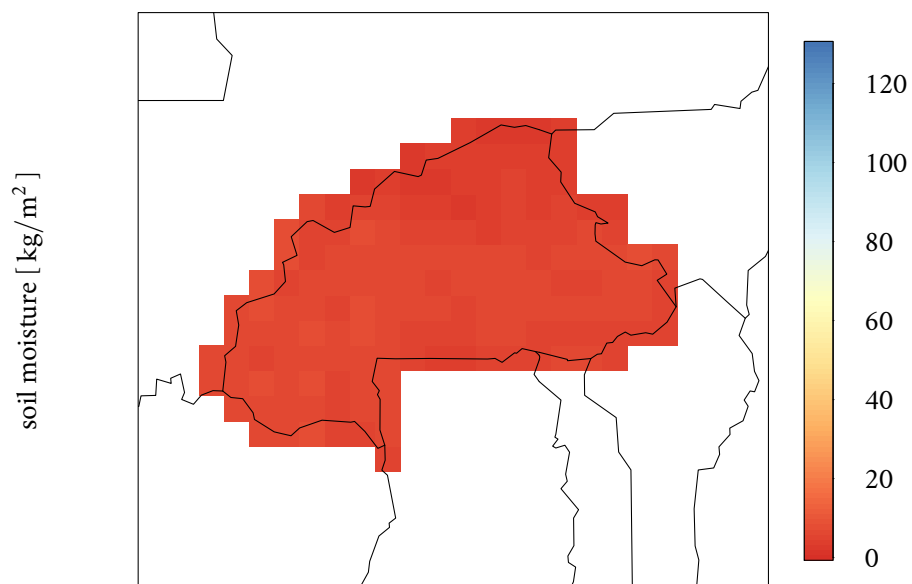


Figure 278: Mean across years, RCP 8.5, 2060 .. 2089

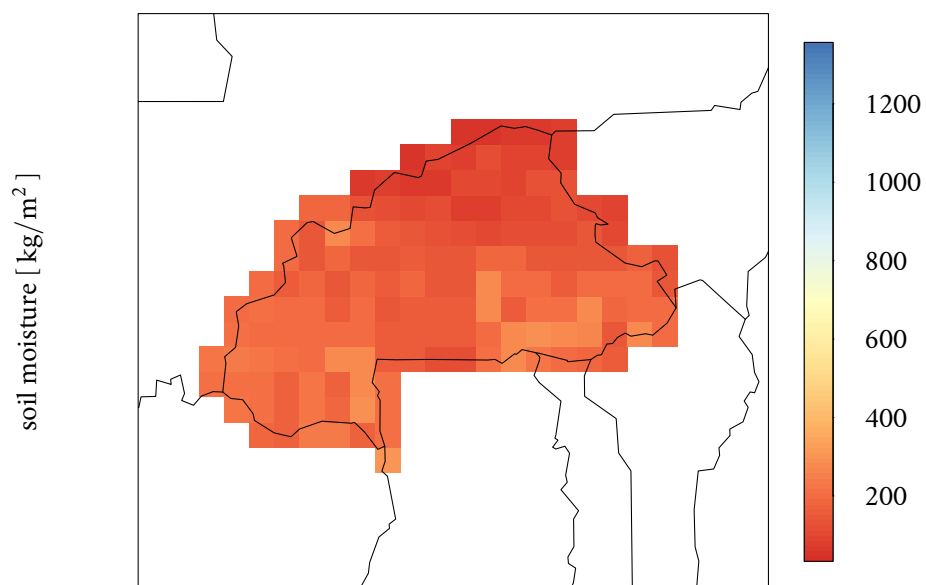


Figure 279: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

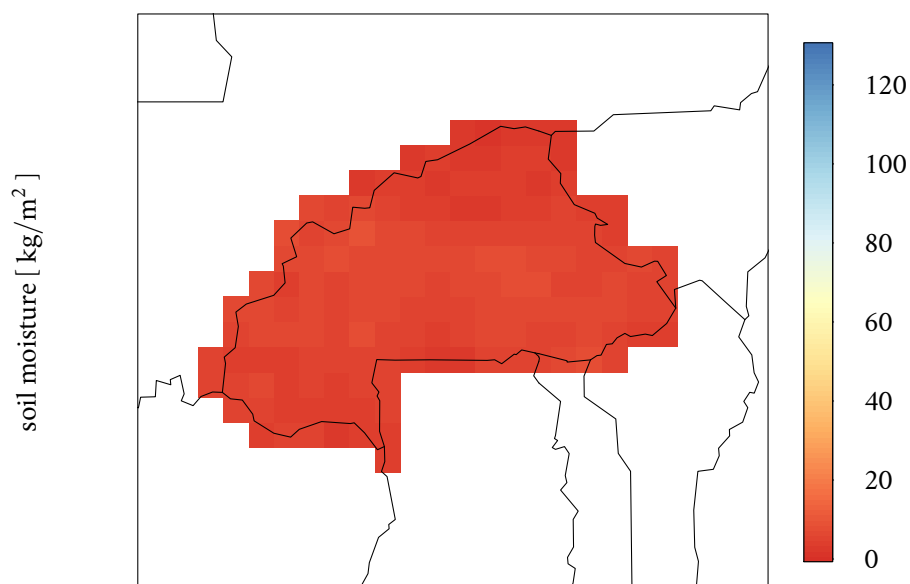
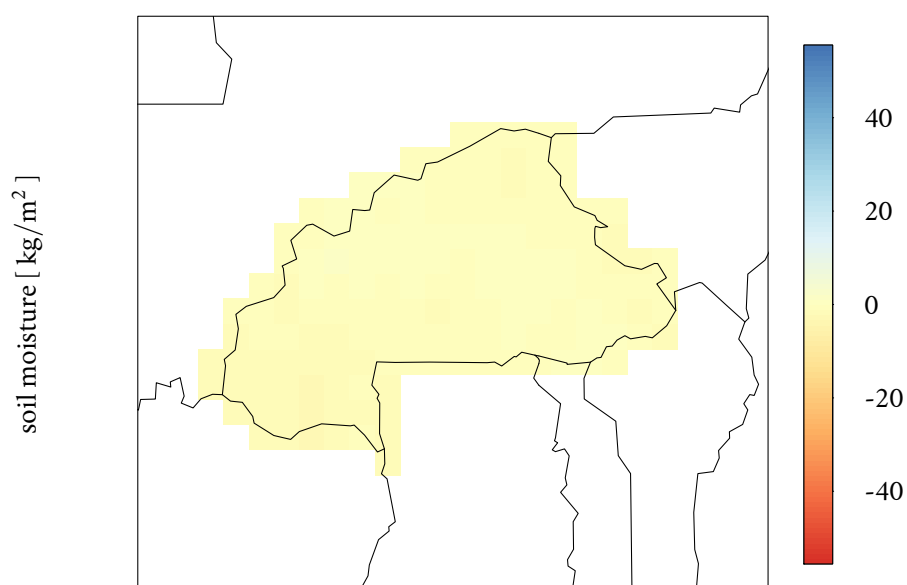


Figure 280: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.7 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 281: Mean across years, RCP 8.5, 2020 .. 2049

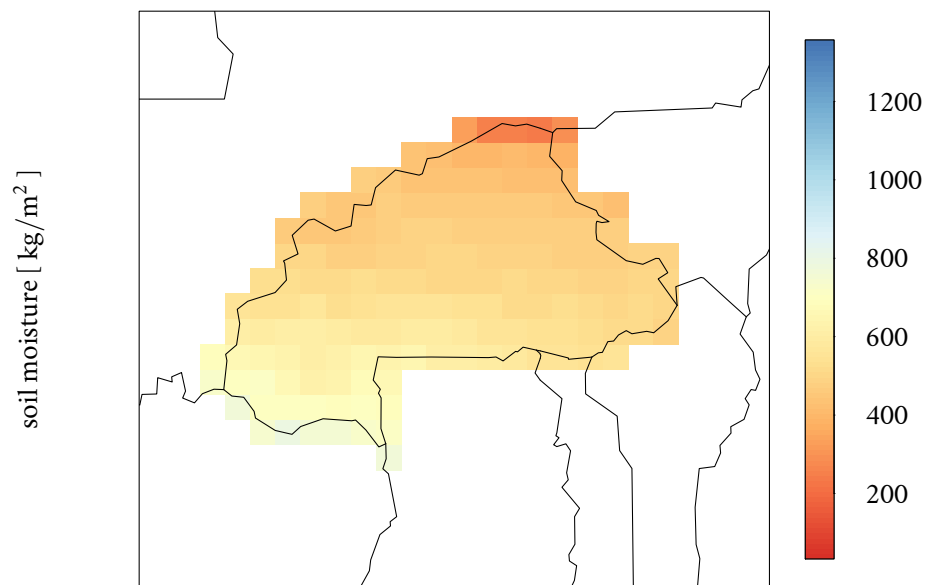


Figure 282: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

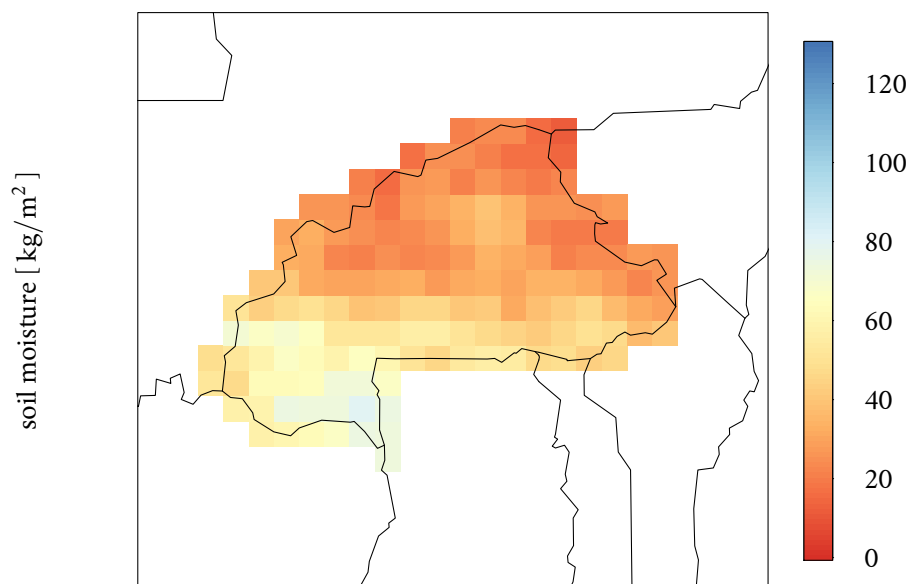


Figure 283: Mean across years, RCP 8.5, 2060 .. 2089

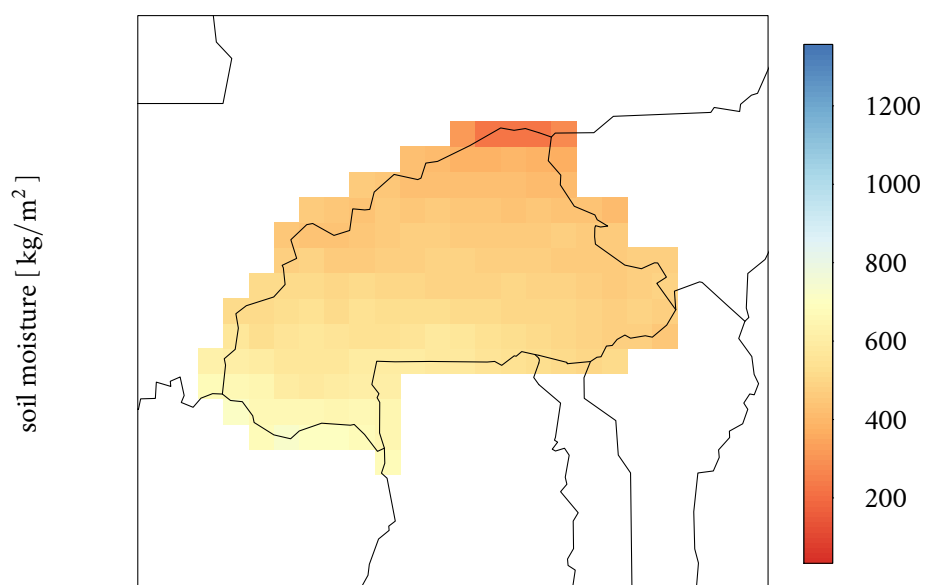


Figure 284: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

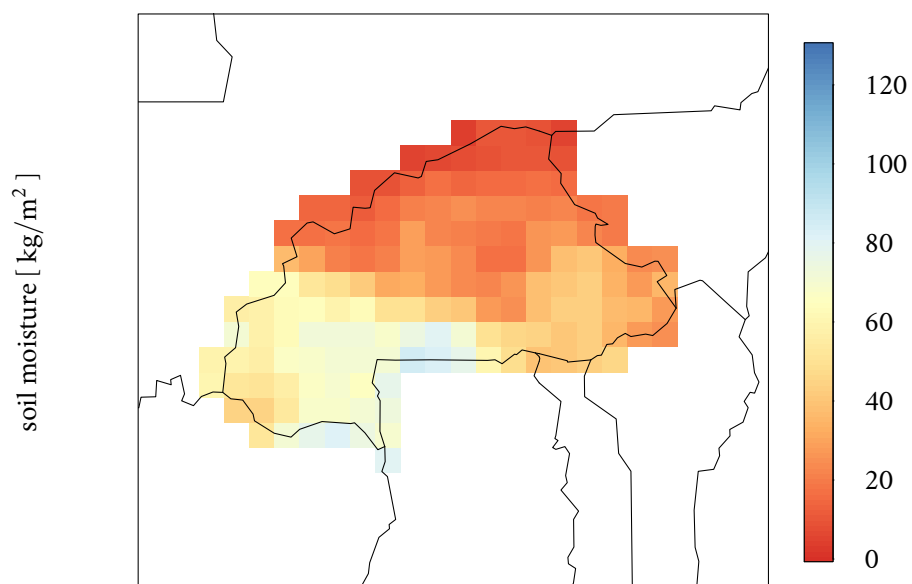
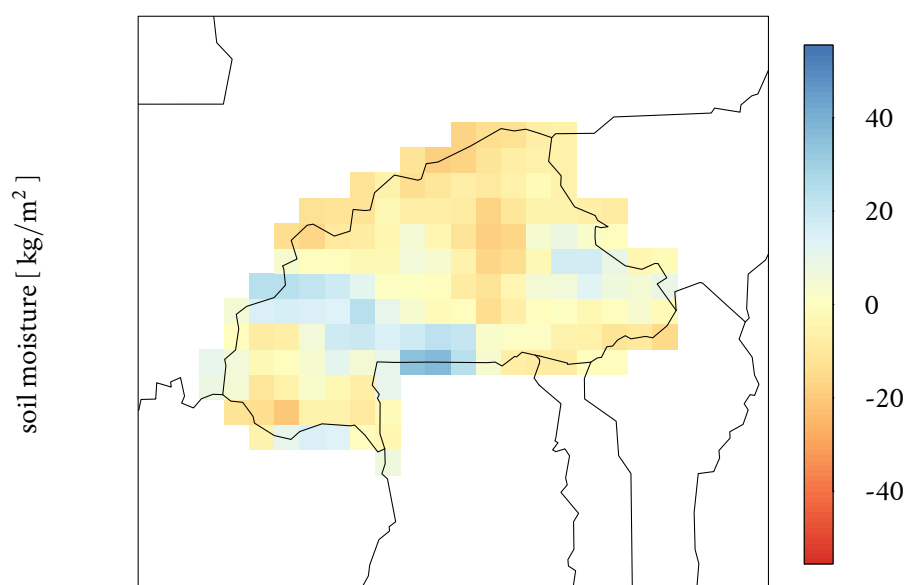


Figure 285: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.8 GCM IPSL-IPSL-CM5A-MR / RCM RCA4

Figure 286: Mean across years, RCP 8.5, 2020 .. 2049

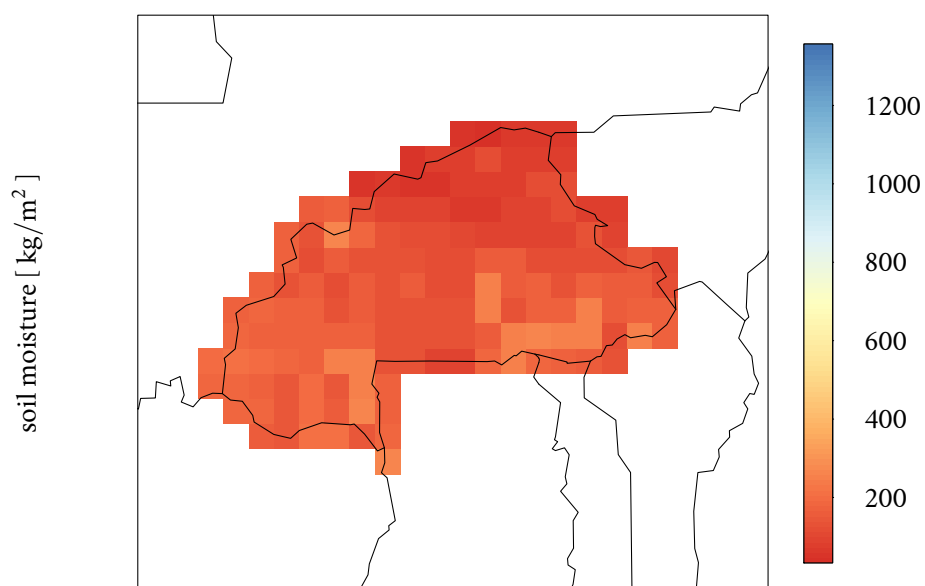


Figure 287: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

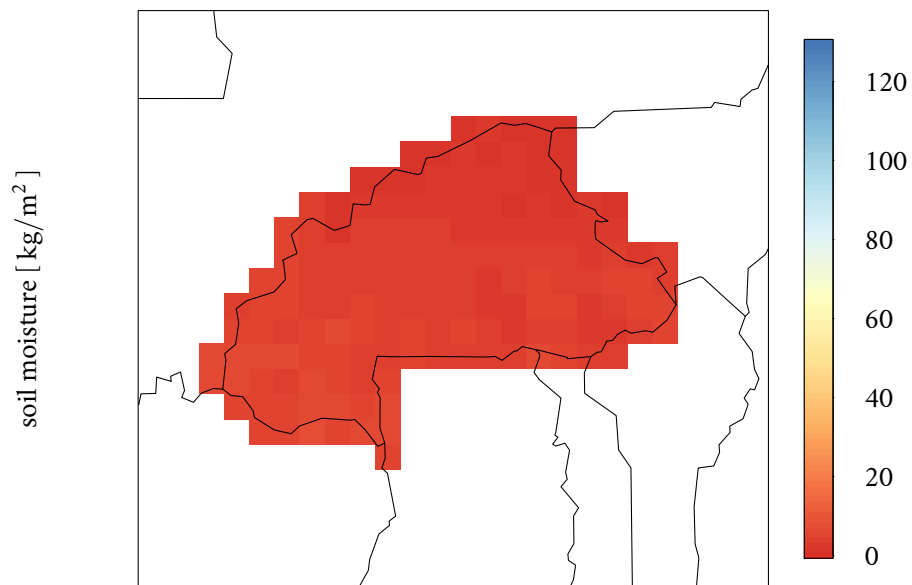


Figure 288: Mean across years, RCP 8.5, 2060 .. 2089

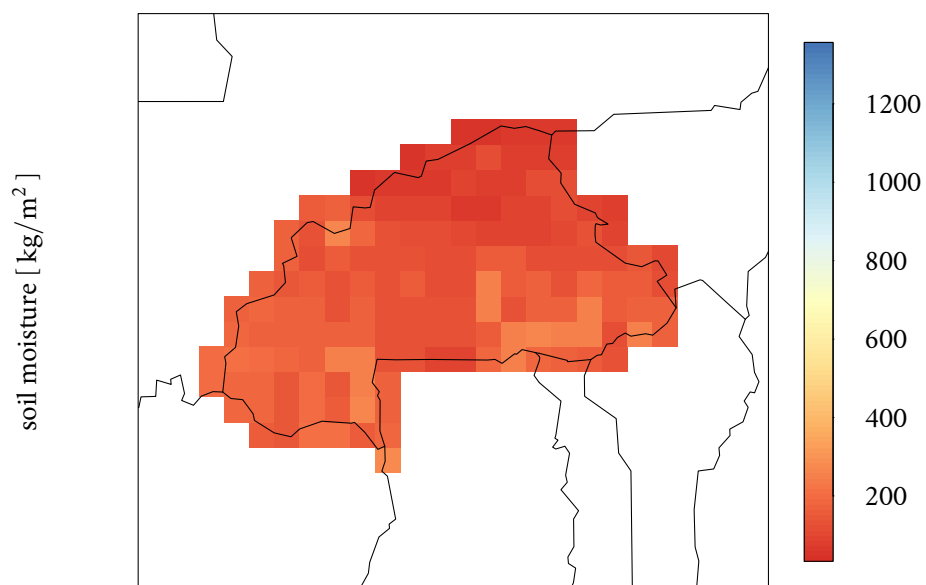


Figure 289: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

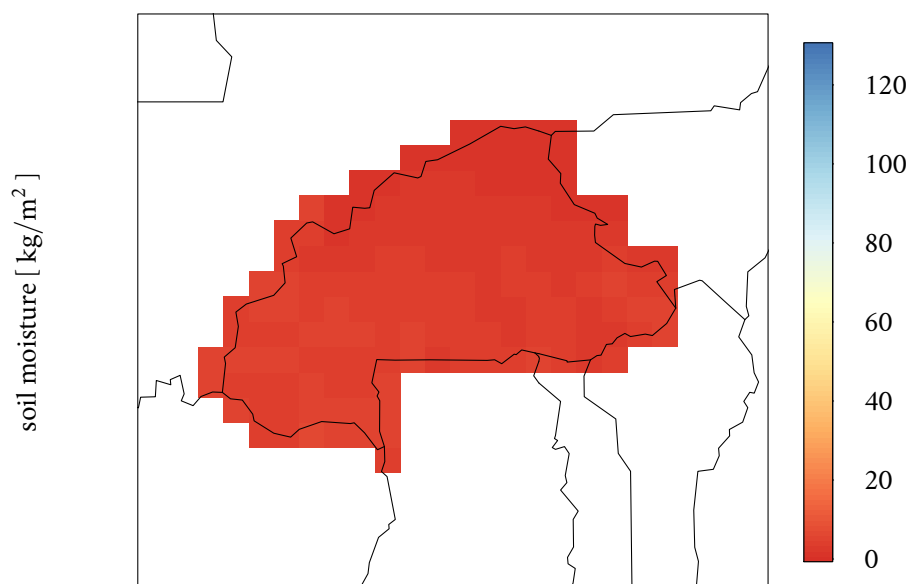
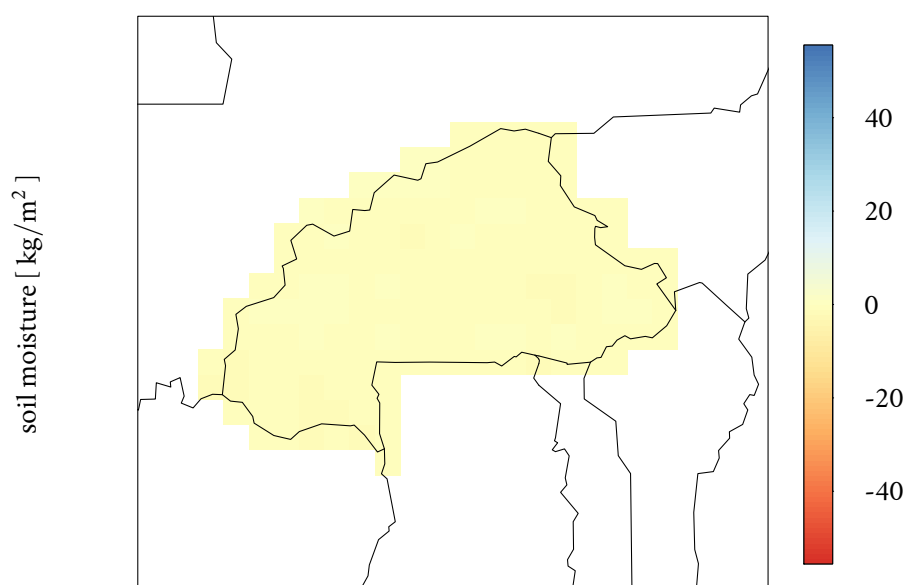


Figure 290: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.9 GCM MIROC-MIROC5 / RCM RCA4

Figure 291: Mean across years, RCP 8.5, 2020 .. 2049

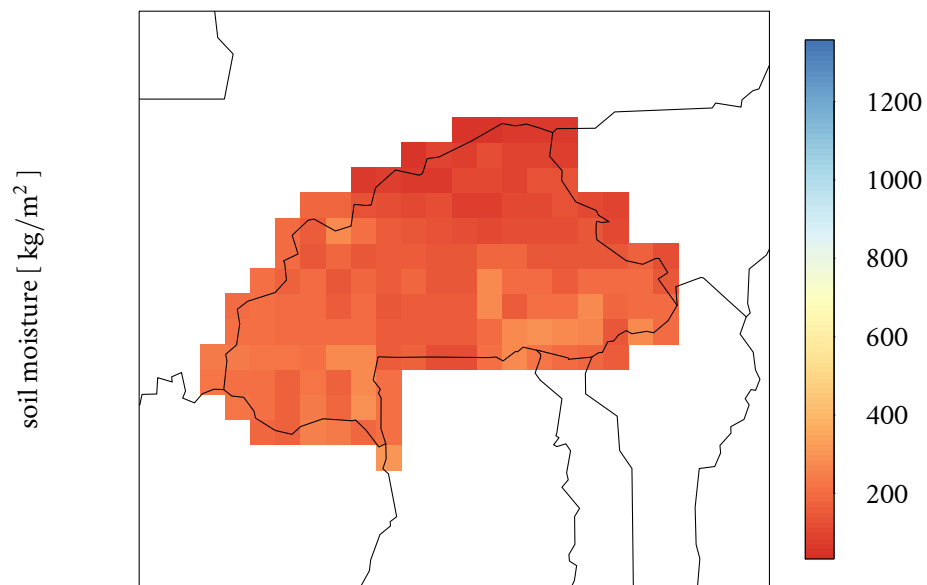


Figure 292: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

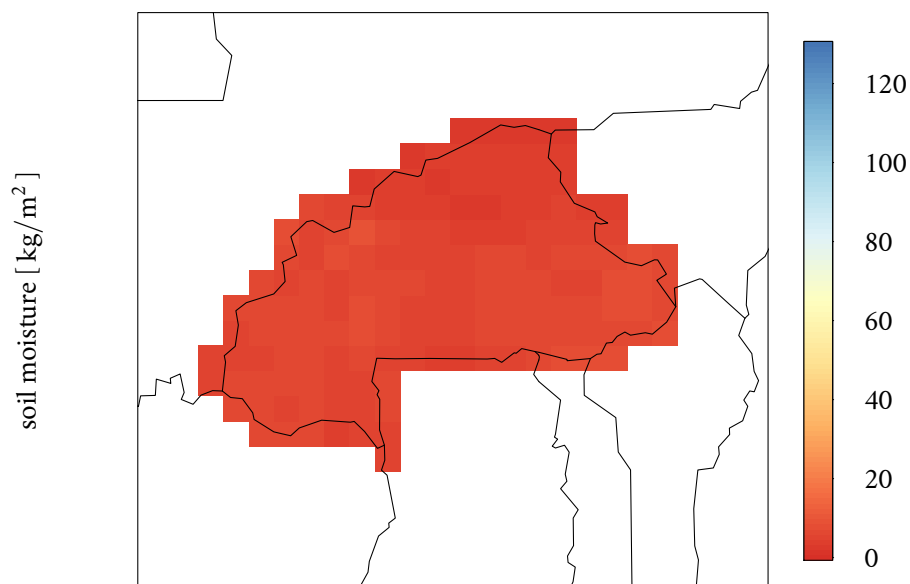


Figure 293: Mean across years, RCP 8.5, 2060 .. 2089

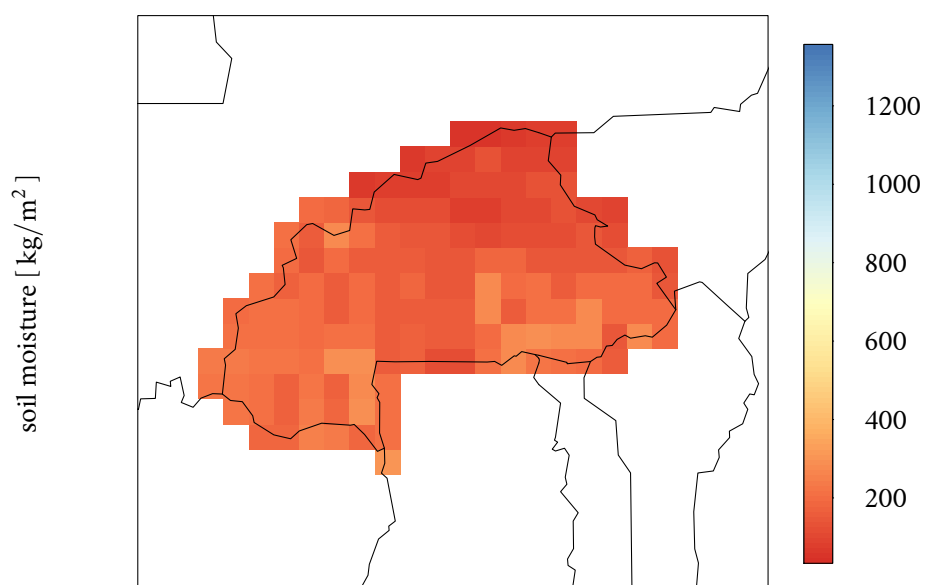


Figure 294: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

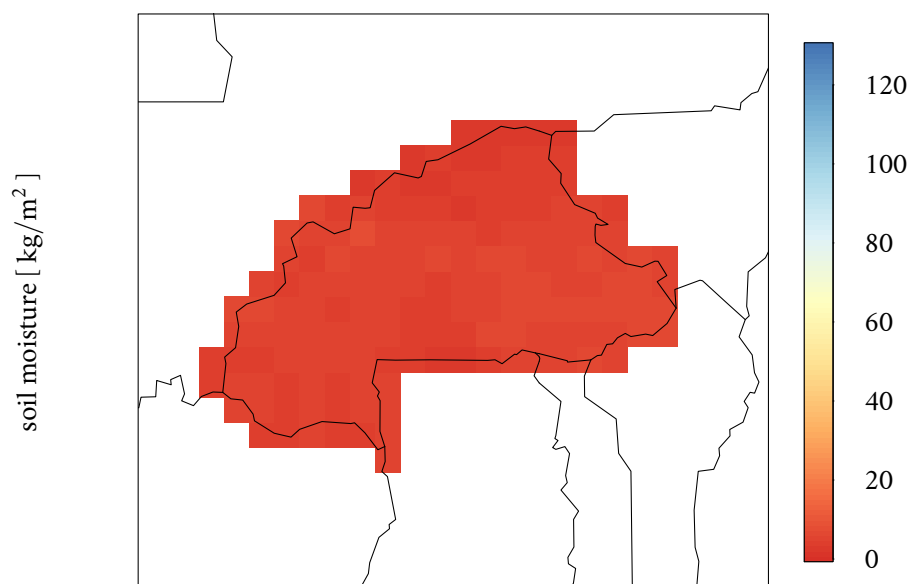
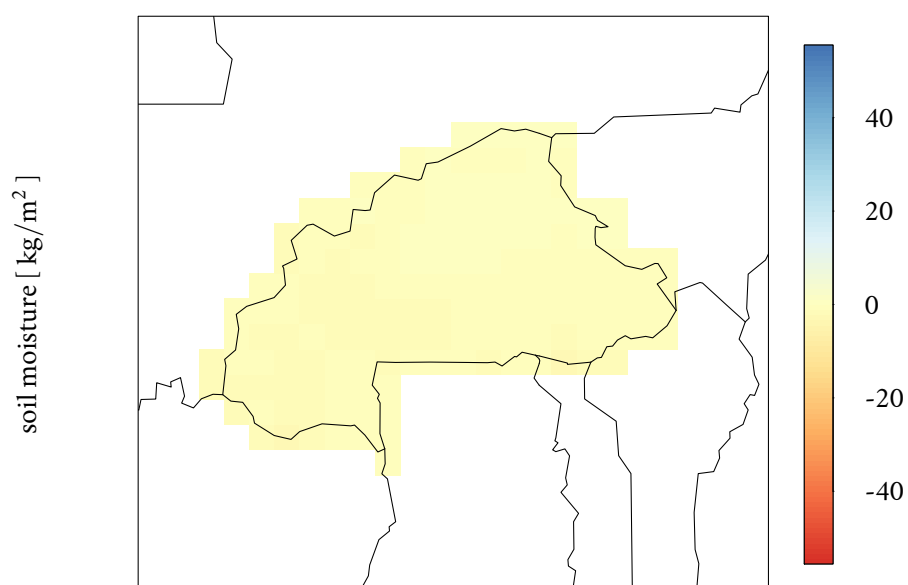


Figure 295: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.10 GCM MIROC-MIROC5 / RCM REMO2009

Figure 296: Mean across years, RCP 8.5, 2020 .. 2049

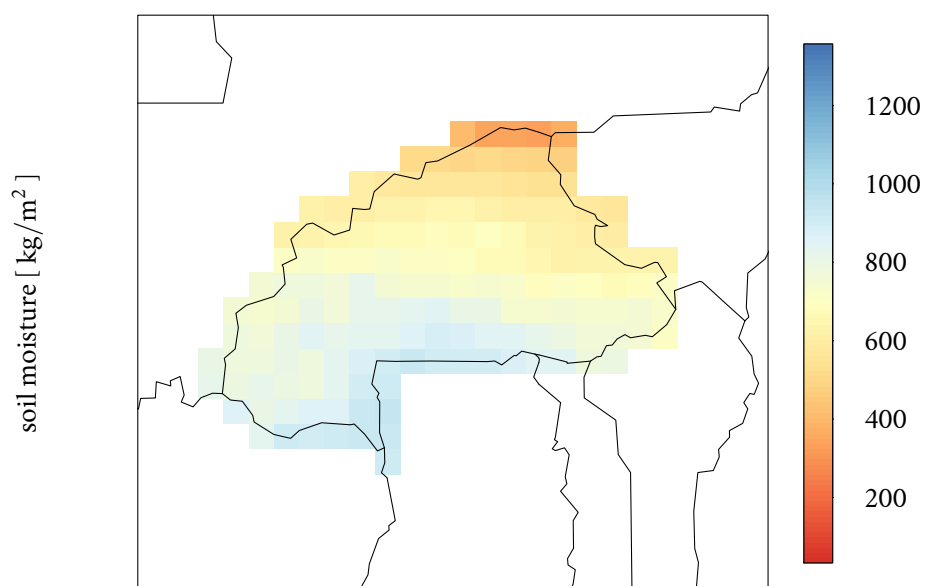


Figure 297: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

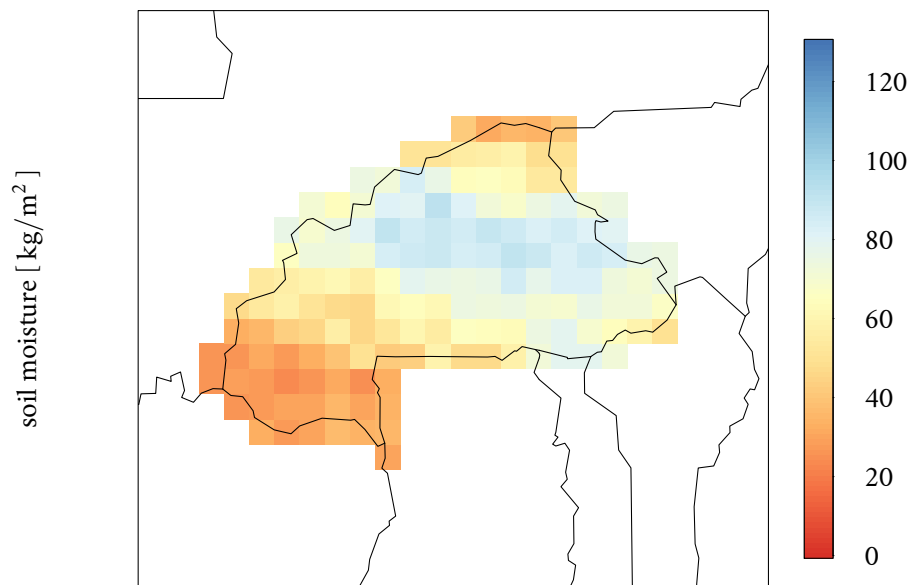


Figure 298: Mean across years, RCP 8.5, 2060 .. 2089

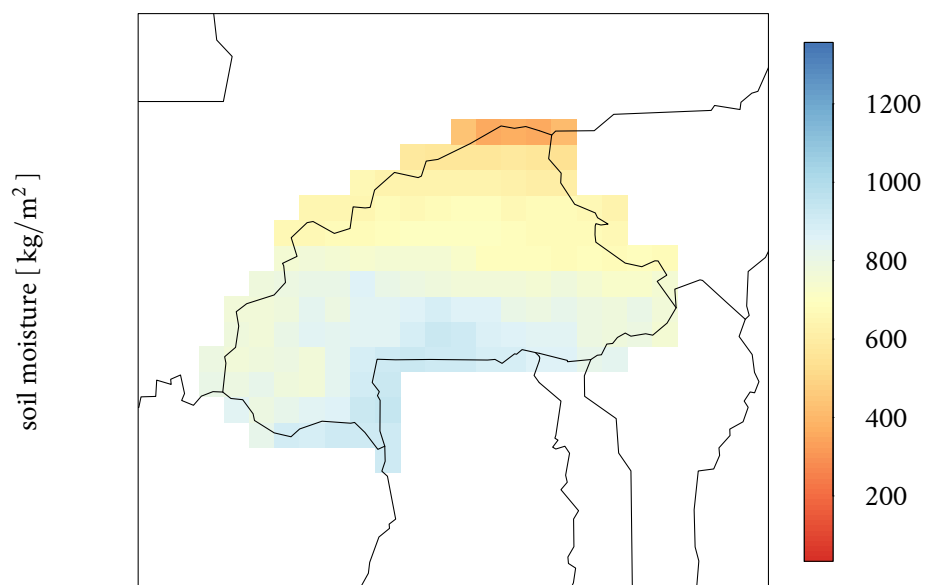


Figure 299: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

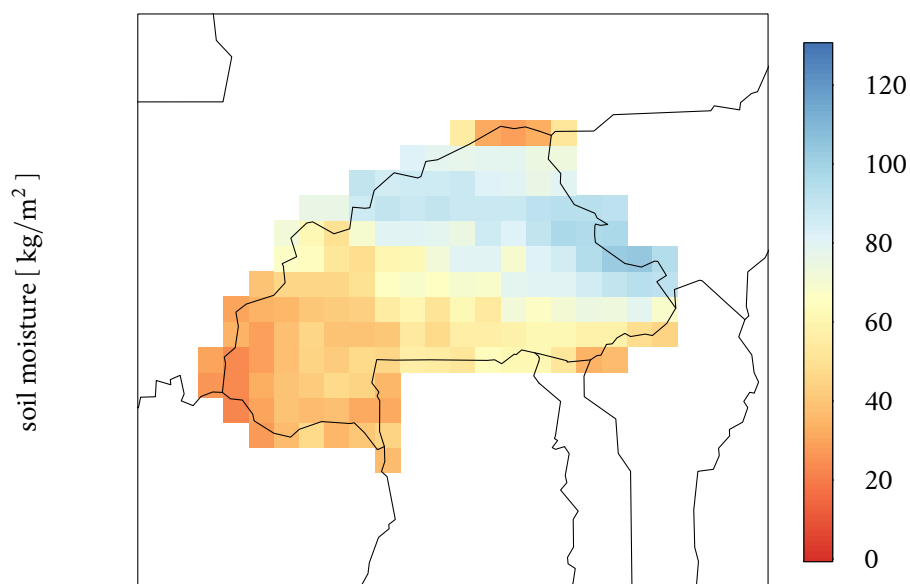
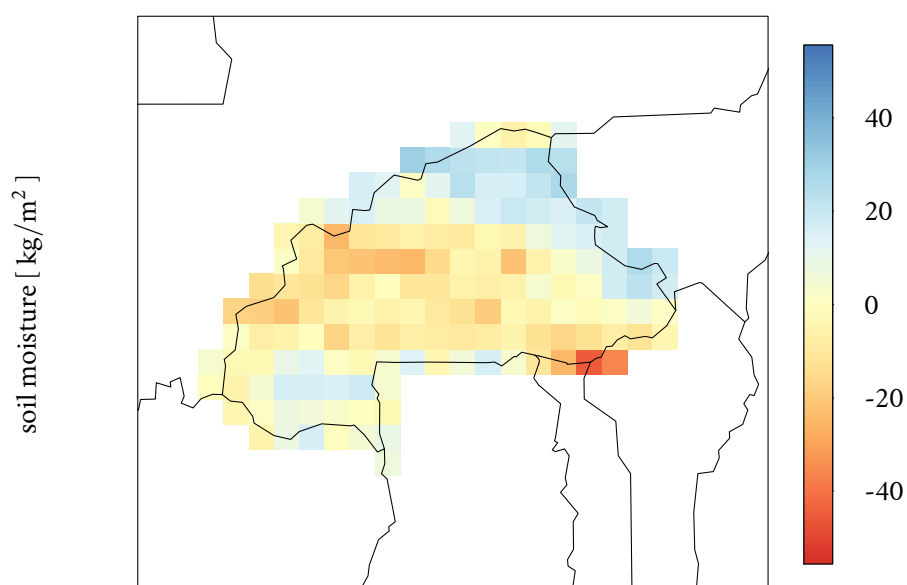


Figure 300: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.11 GCM MOHC-HadGEM2-ES / RCM CCLM4-8-17

Figure 301: Mean across years, RCP 8.5, 2020 .. 2049

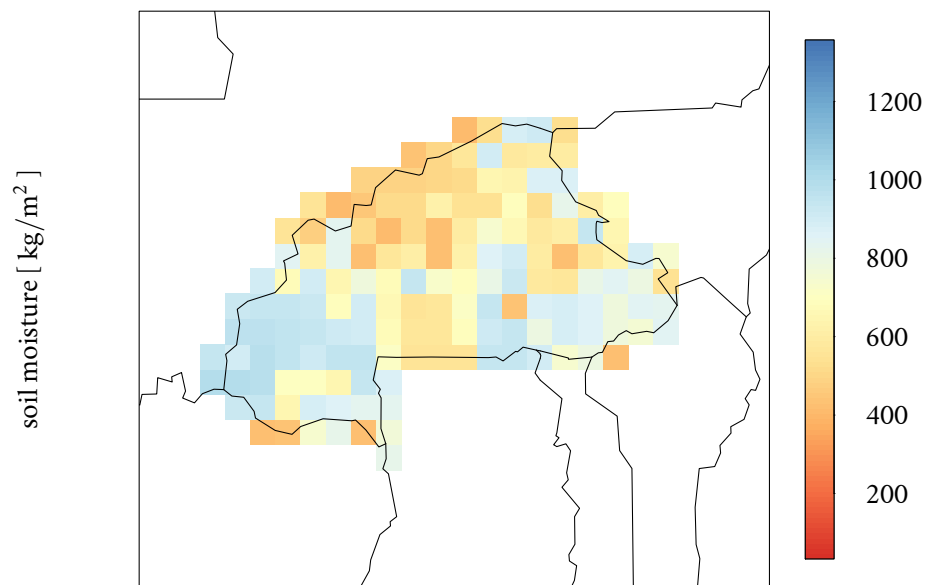


Figure 302: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

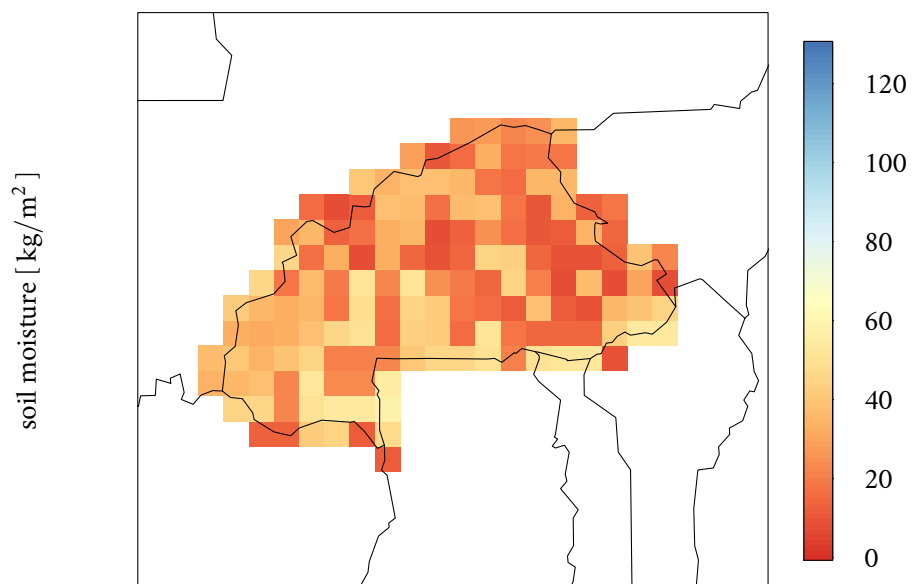


Figure 303: Mean across years, RCP 8.5, 2060 .. 2089

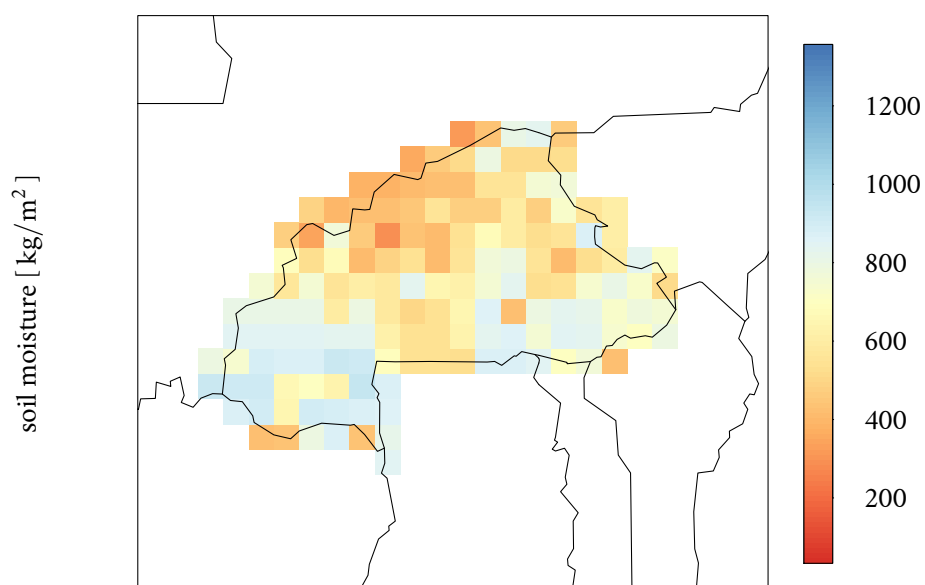


Figure 304: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

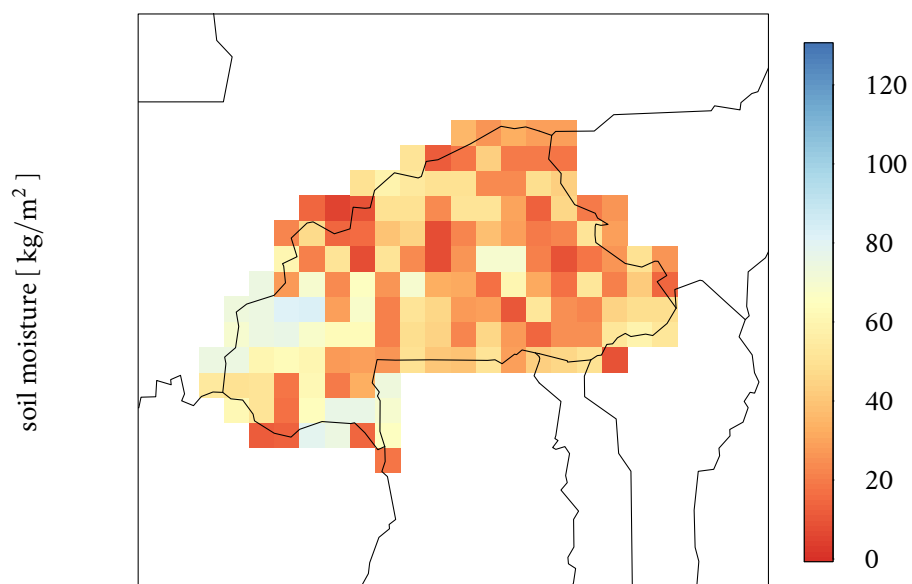
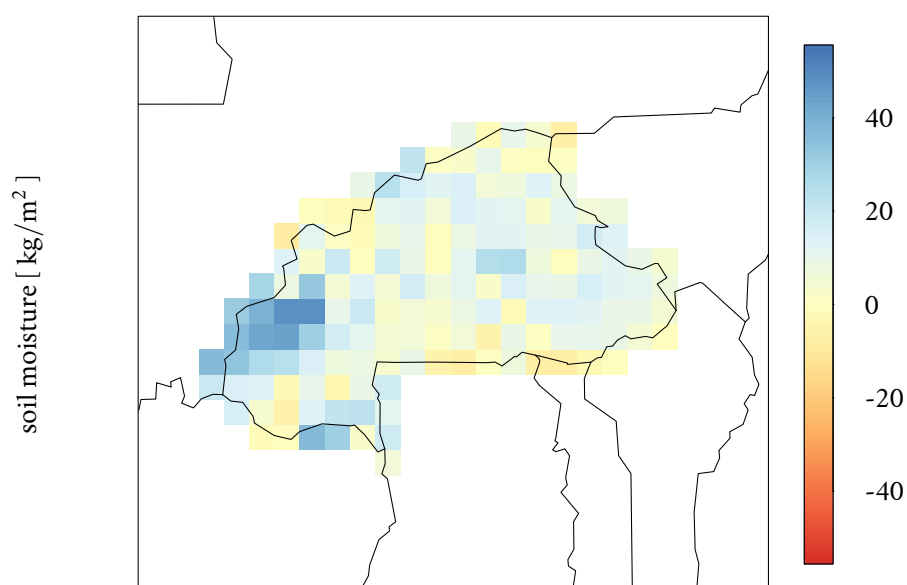


Figure 305: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.12 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 306: Mean across years, RCP 8.5, 2020 .. 2049

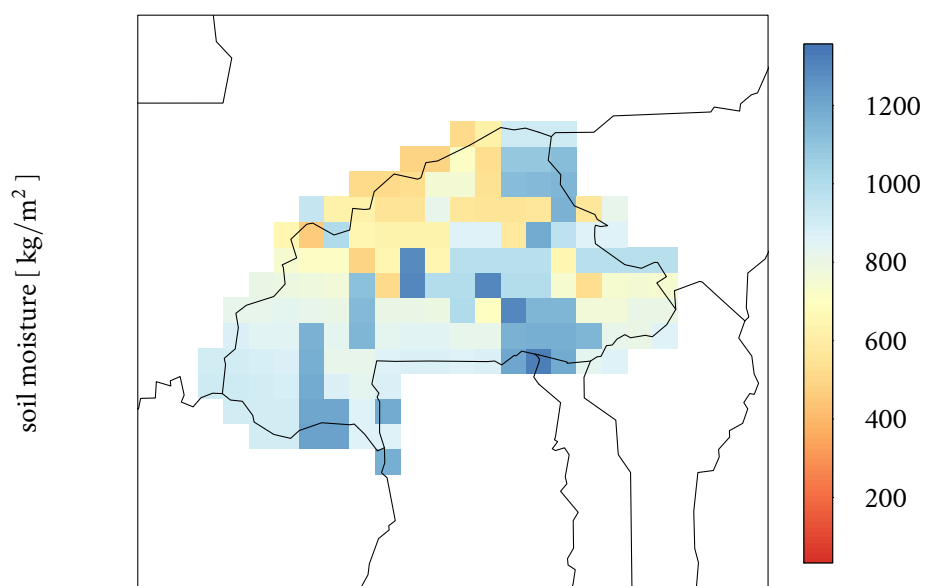


Figure 307: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

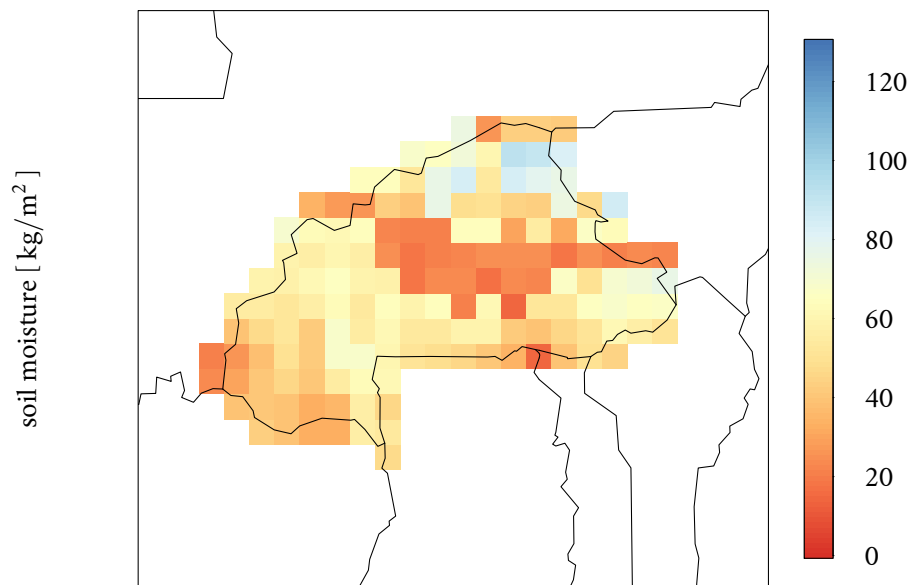


Figure 308: Mean across years, RCP 8.5, 2060 .. 2089

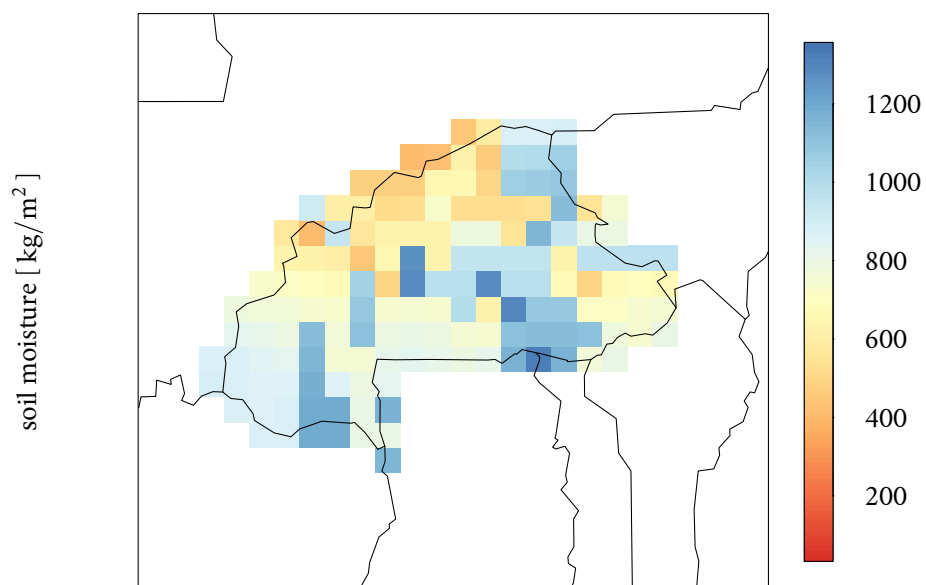


Figure 309: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

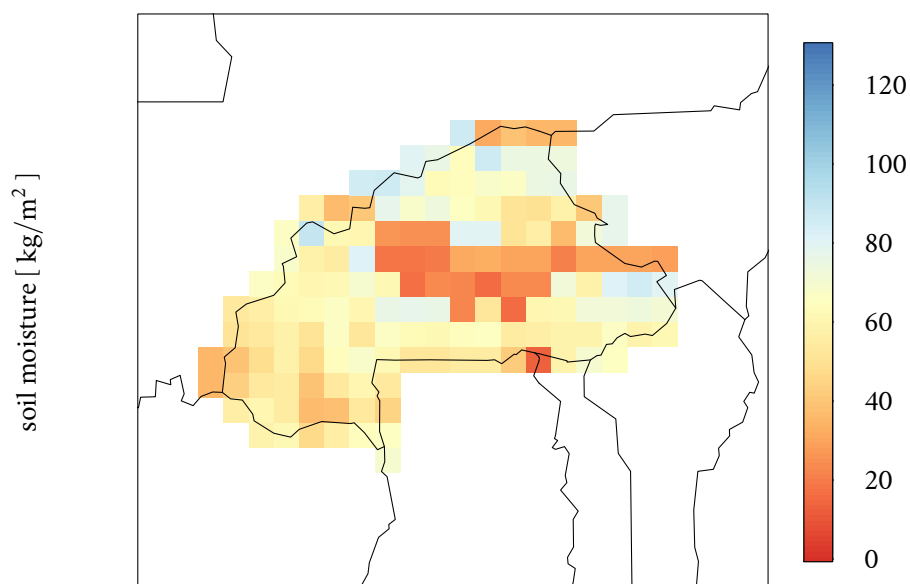
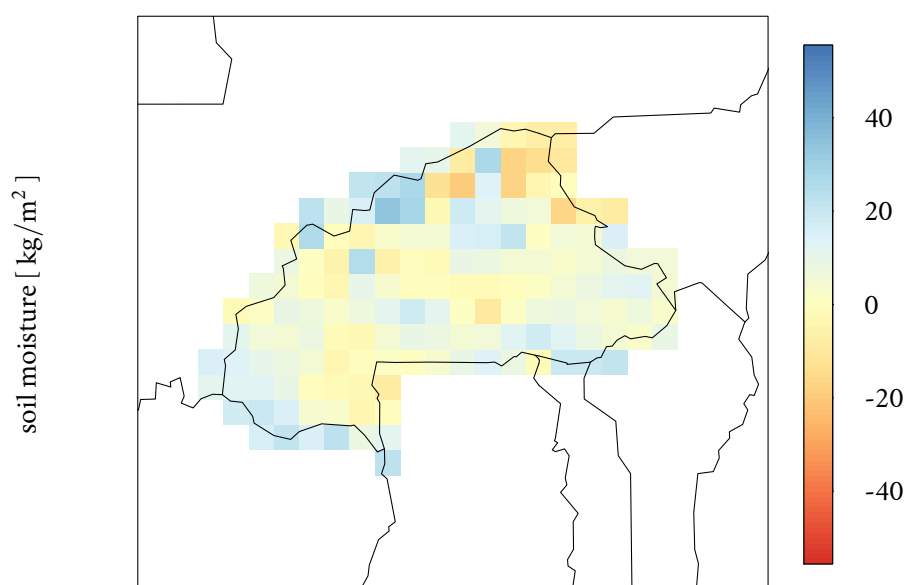


Figure 310: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.13 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 311: Mean across years, RCP 8.5, 2020 .. 2049

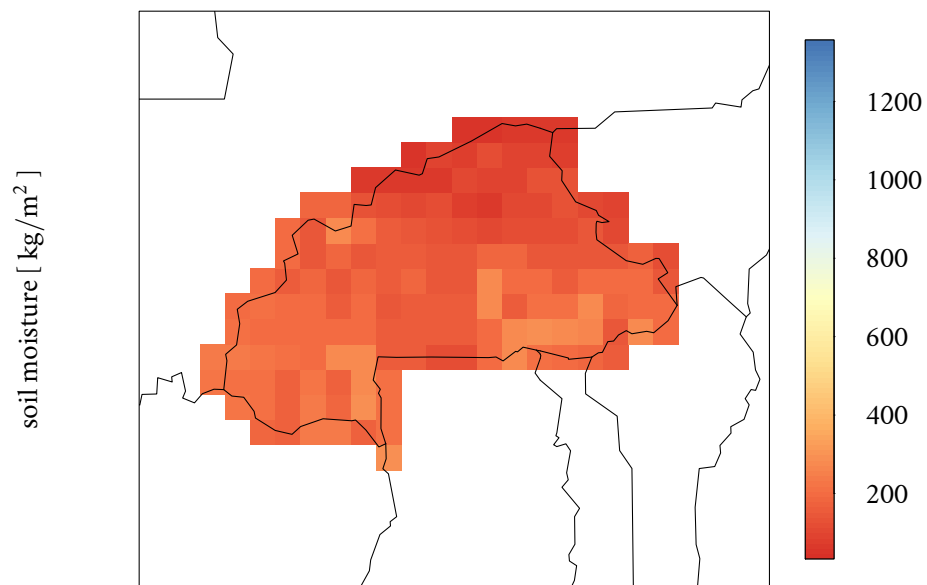


Figure 312: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

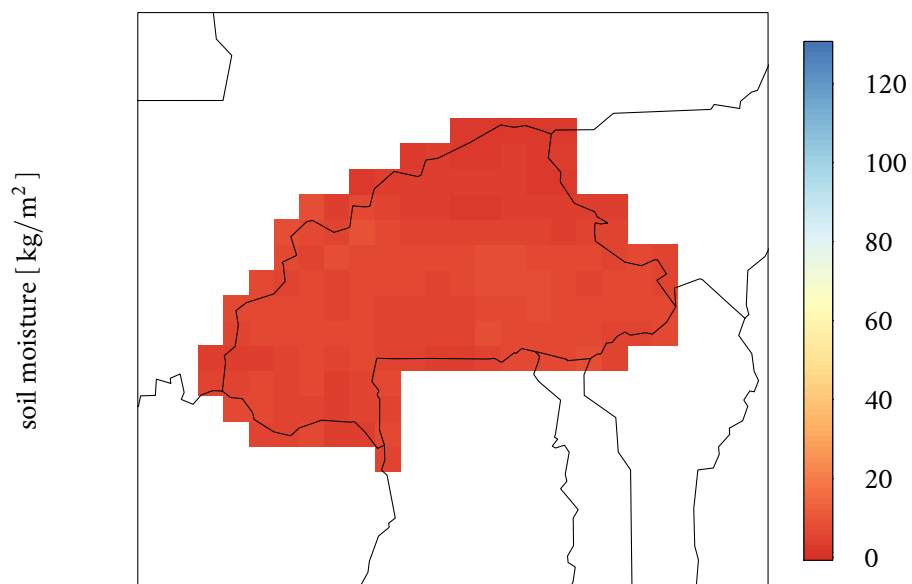


Figure 313: Mean across years, RCP 8.5, 2060 .. 2089

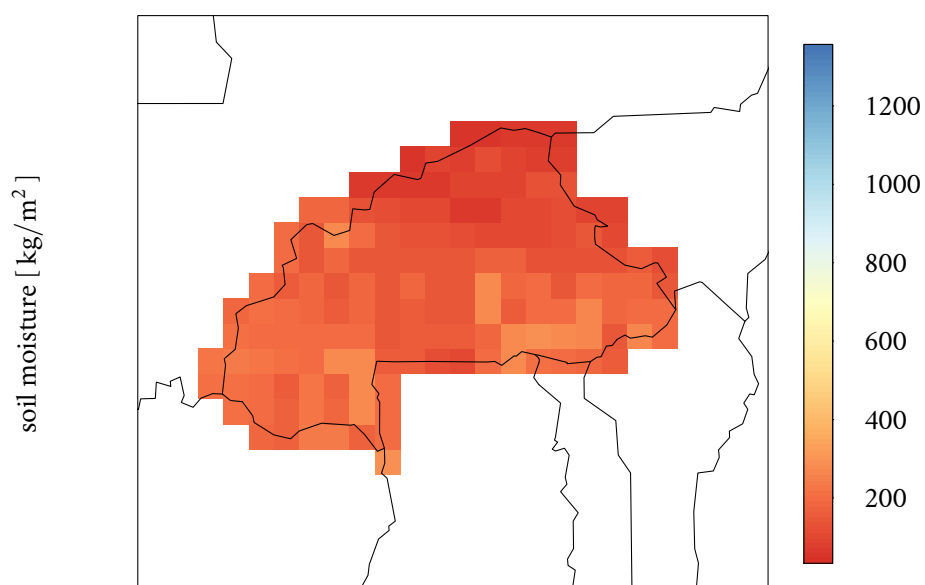


Figure 314: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

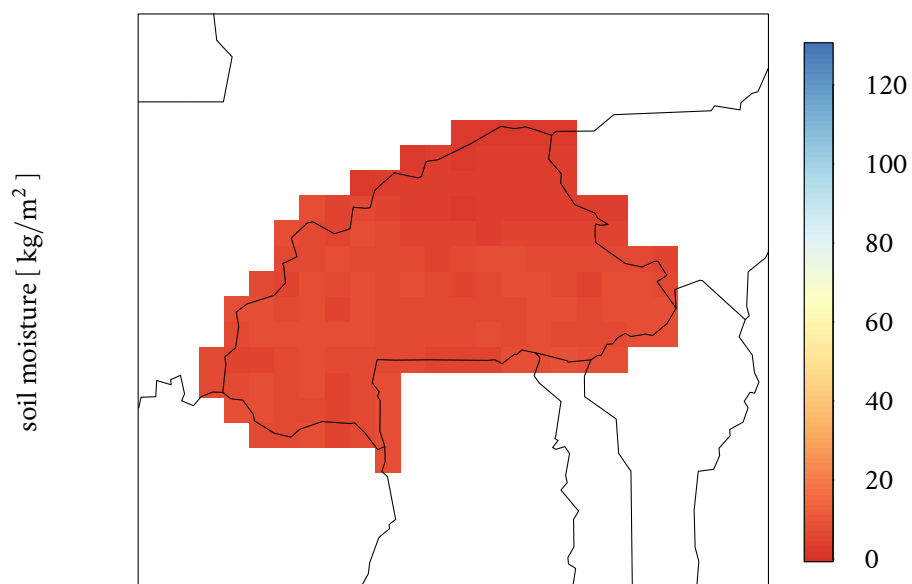
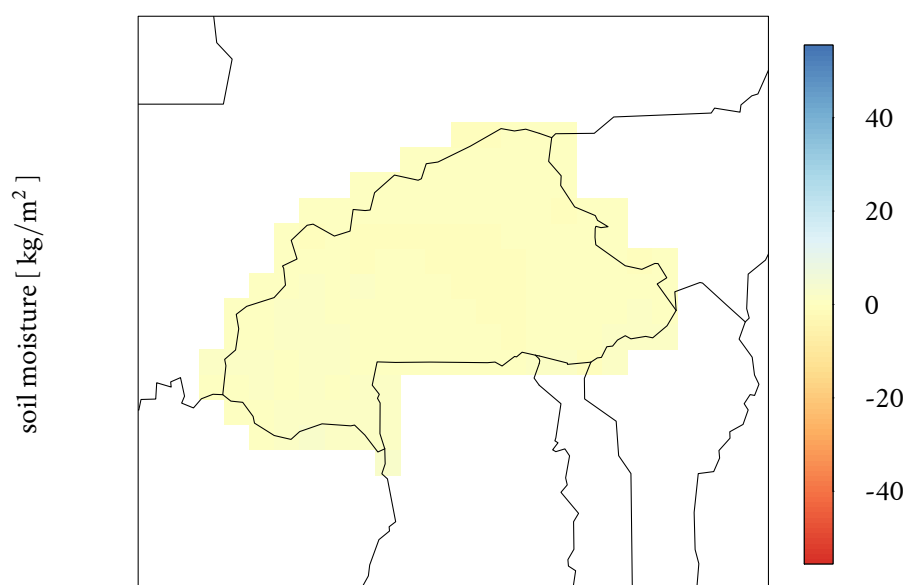


Figure 315: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.14 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 316: Mean across years, RCP 8.5, 2020 .. 2049

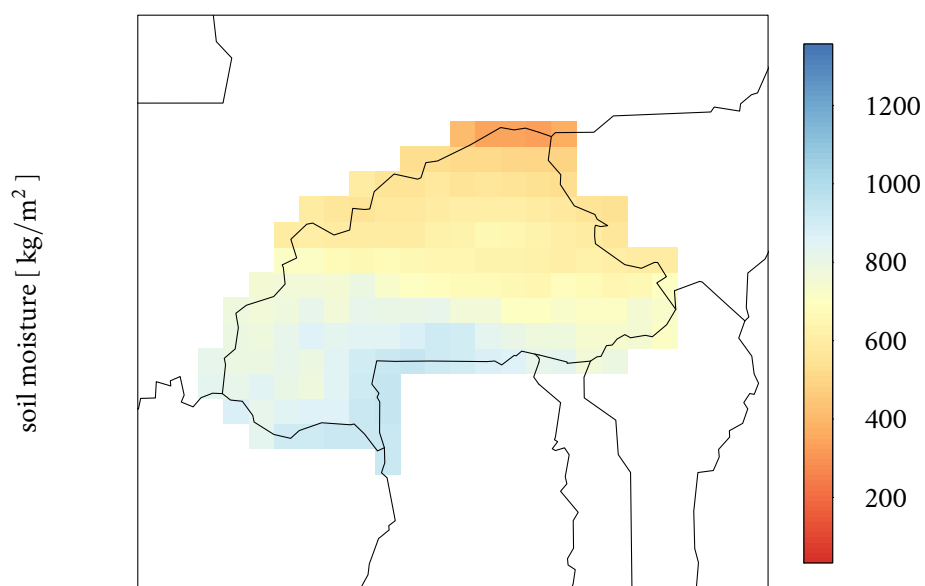


Figure 317: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

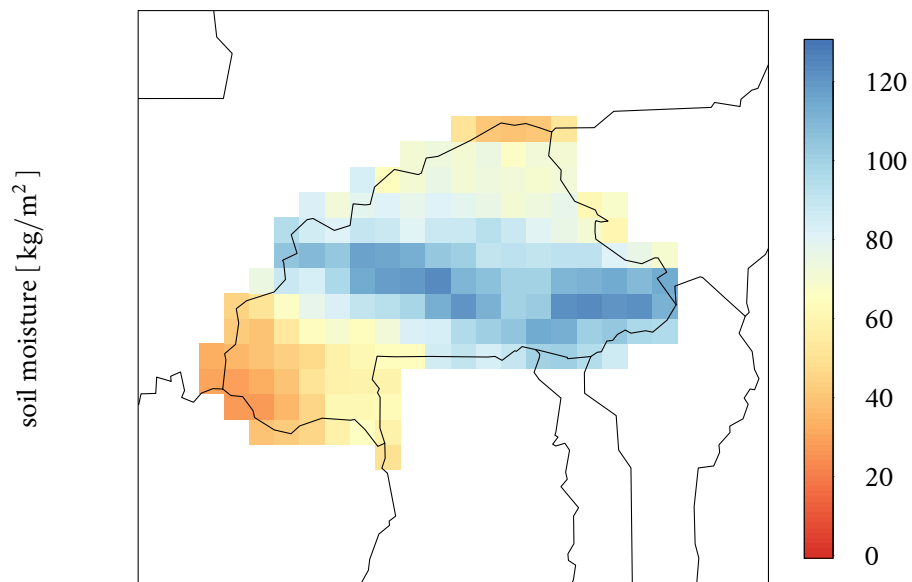


Figure 318: Mean across years, RCP 8.5, 2060 .. 2089

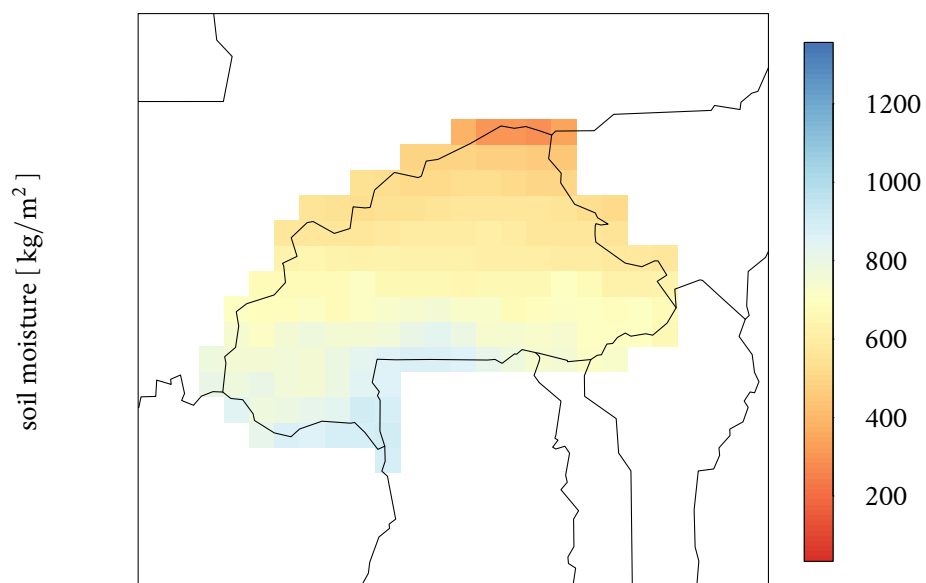


Figure 319: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

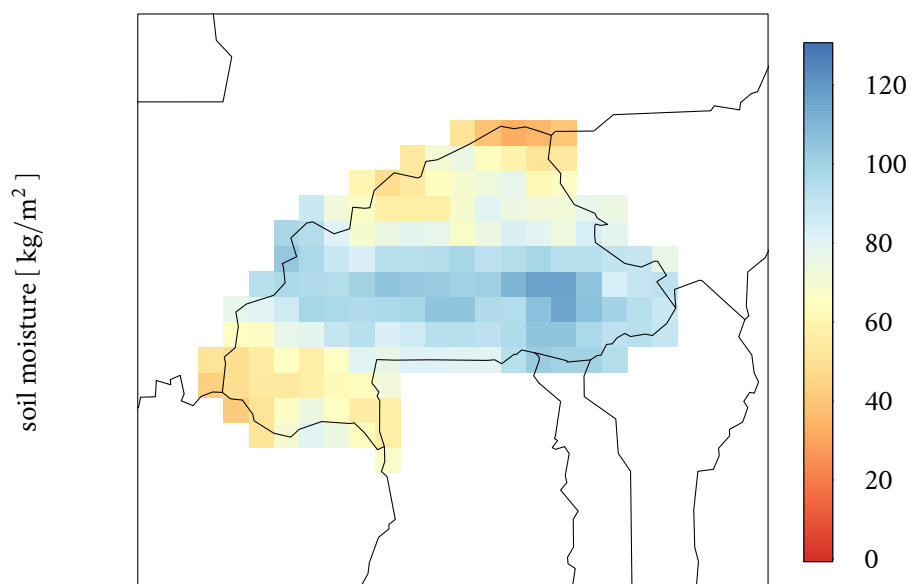
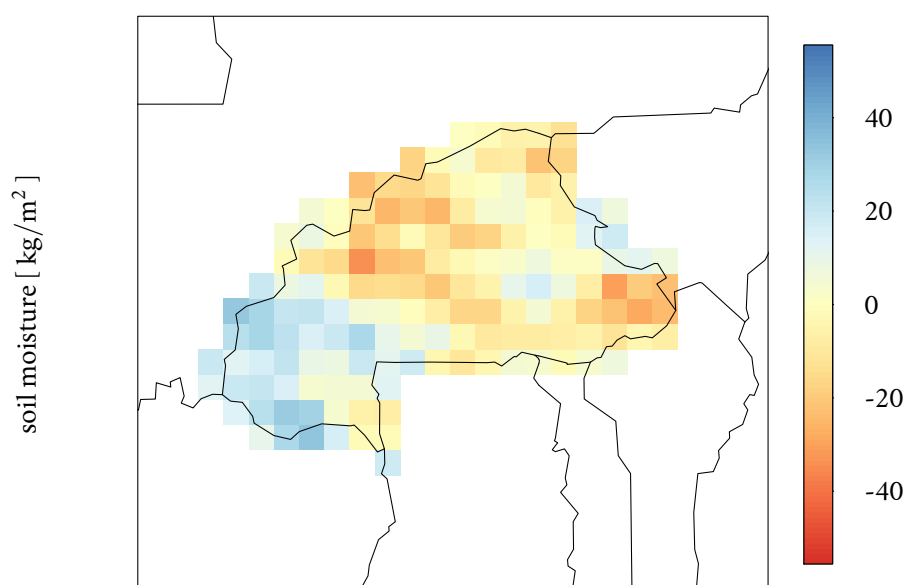


Figure 320: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.15 GCM MPI-M-MPI-ESM-LR / RCM CCLM4-8-17

Figure 321: Mean across years, RCP 8.5, 2020 .. 2049

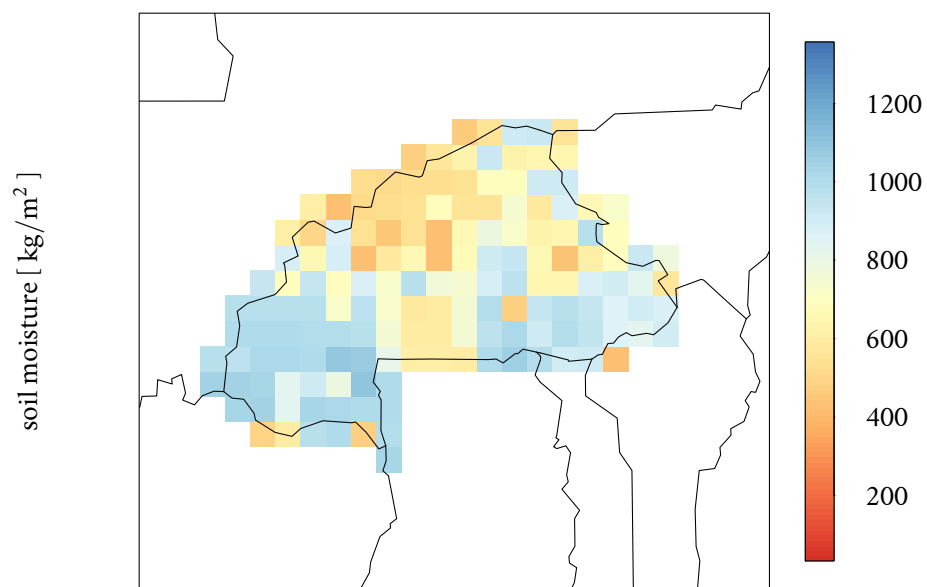


Figure 322: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

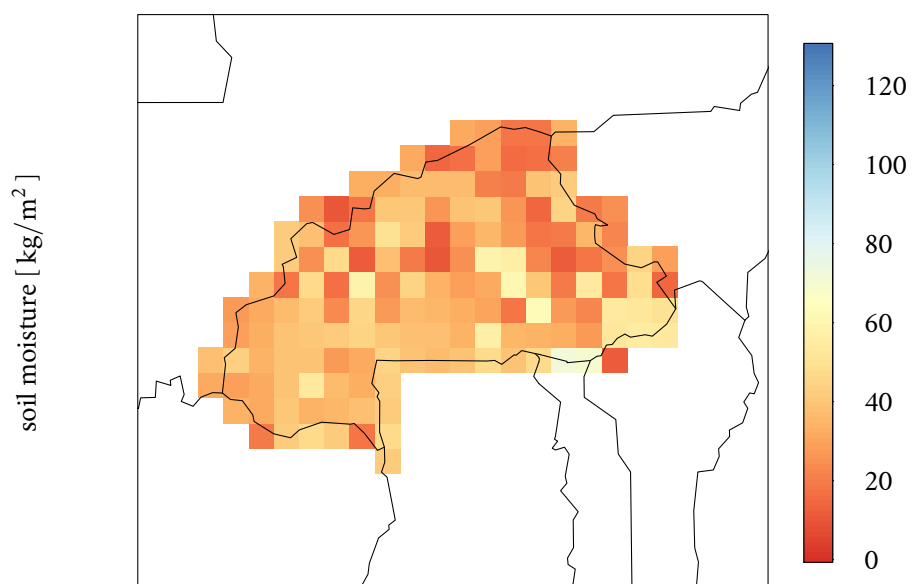


Figure 323: Mean across years, RCP 8.5, 2060 .. 2089

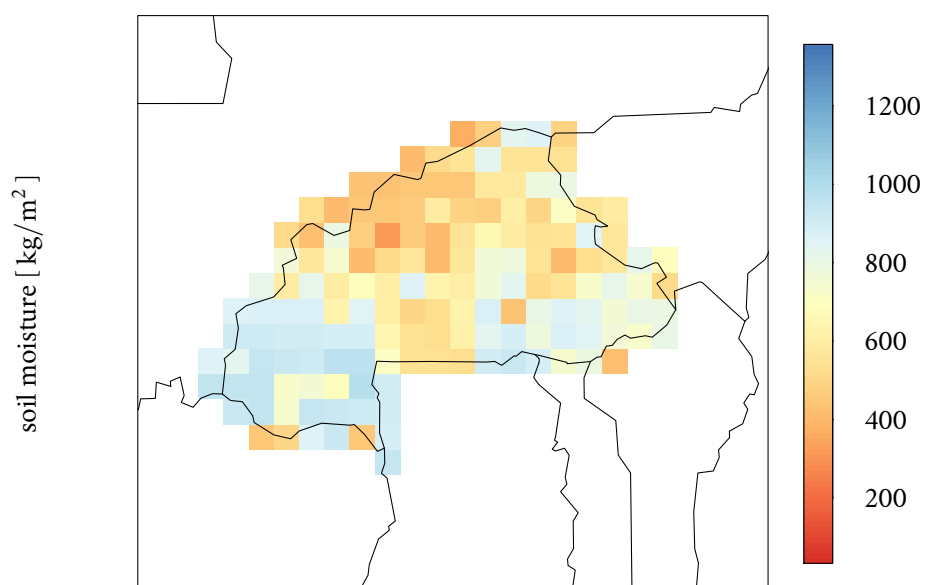


Figure 324: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

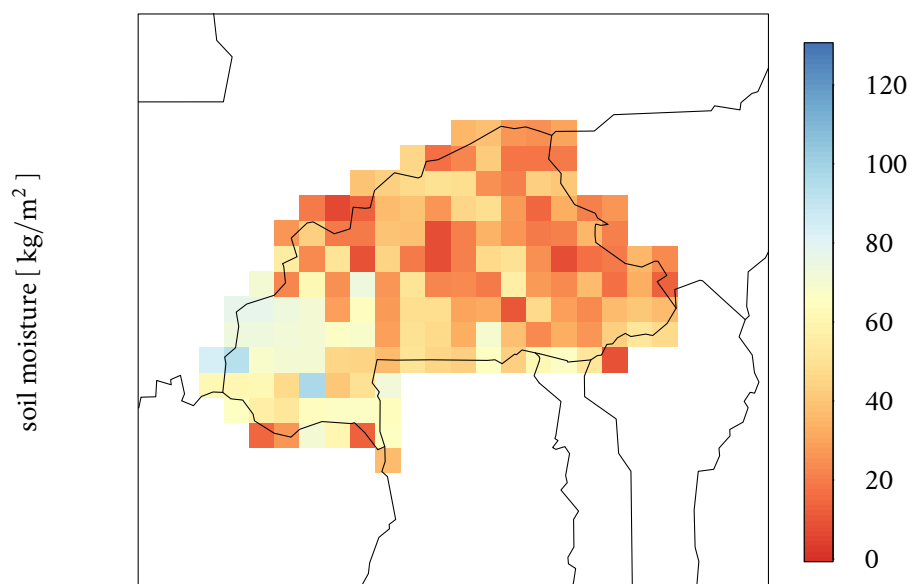
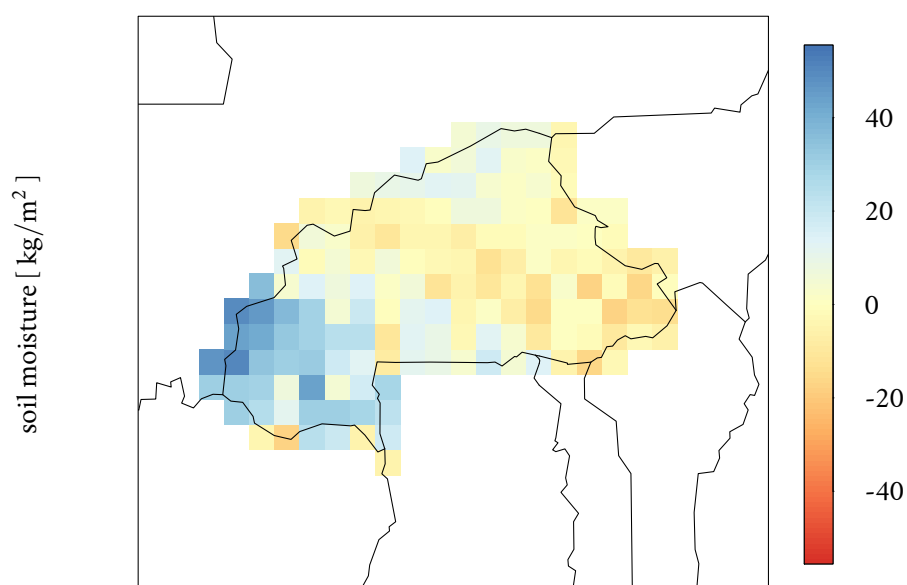


Figure 325: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.16 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 326: Mean across years, RCP 8.5, 2020 .. 2049

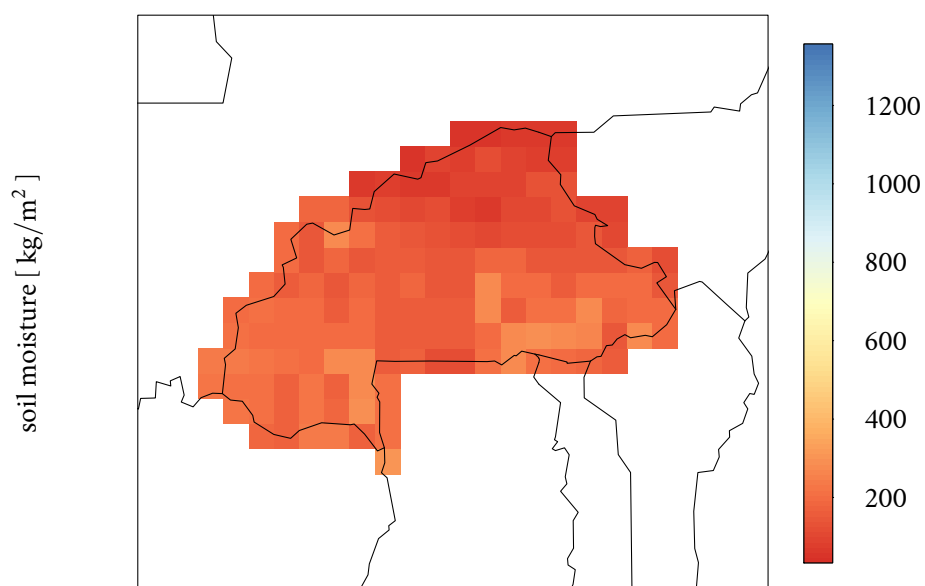


Figure 327: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

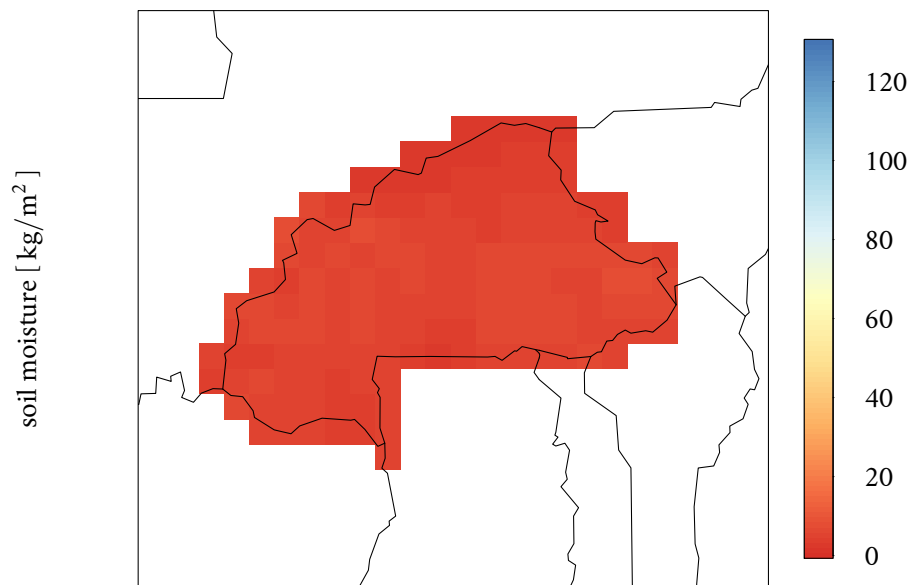


Figure 328: Mean across years, RCP 8.5, 2060 .. 2089

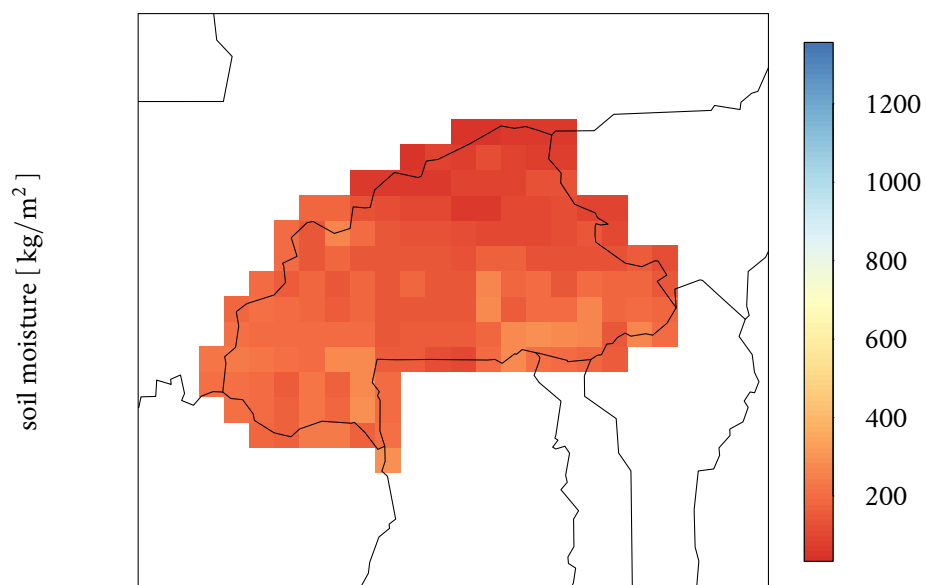


Figure 329: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

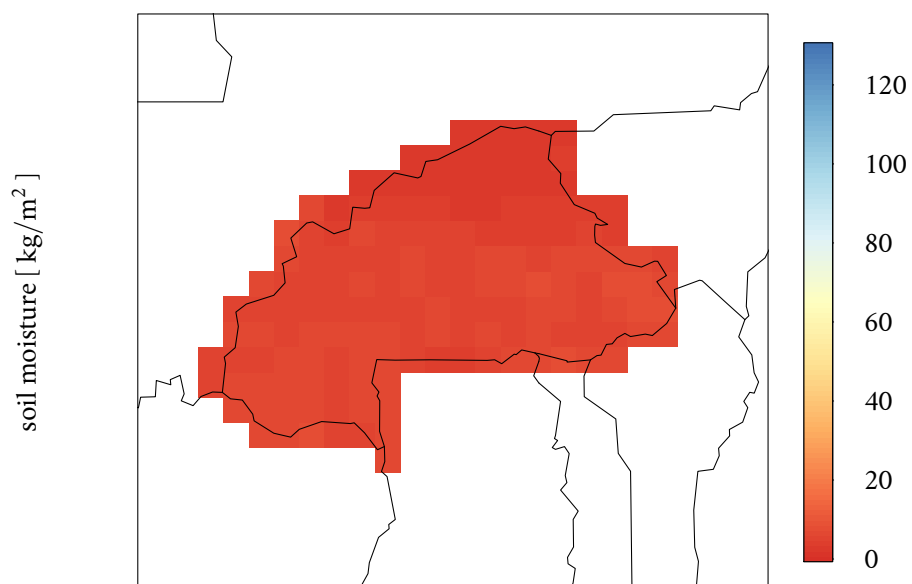
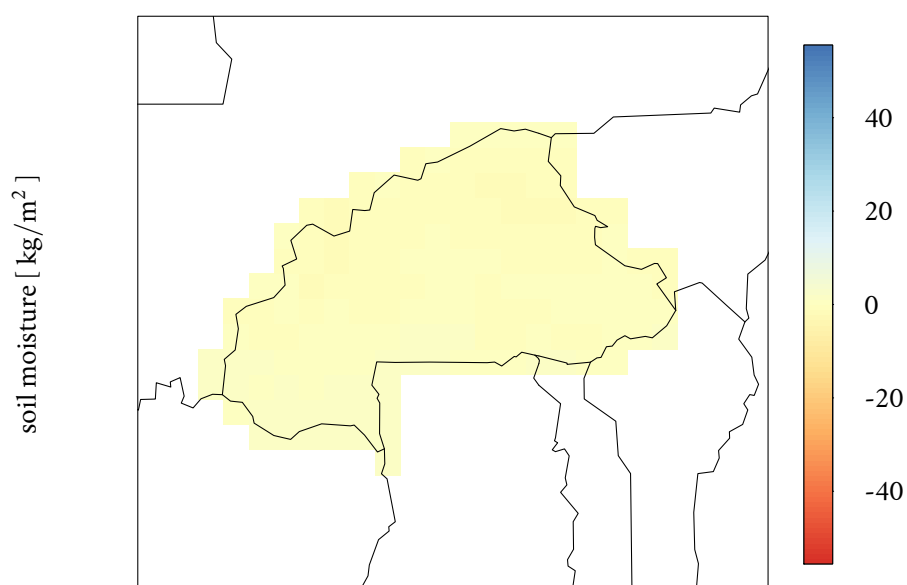


Figure 330: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.17 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 331: Mean across years, RCP 8.5, 2020 .. 2049

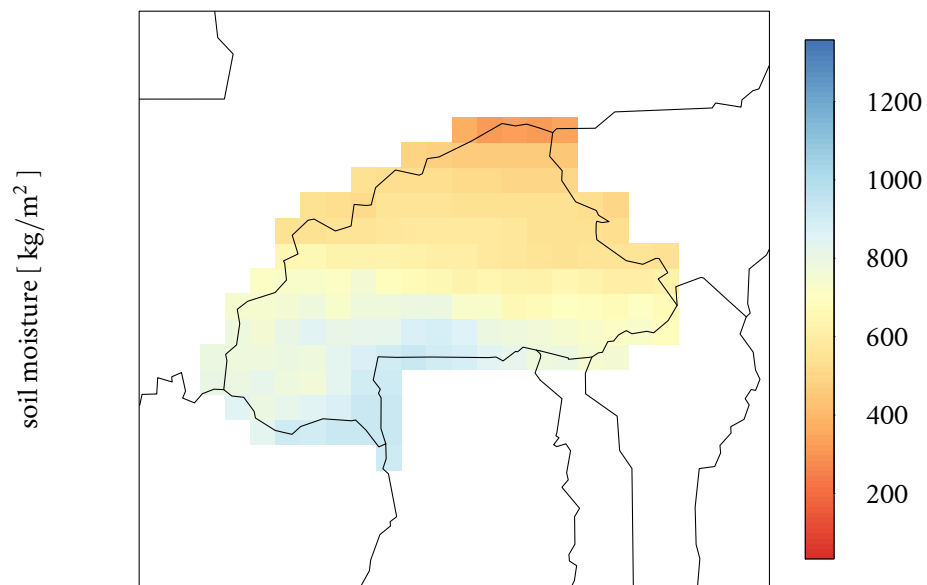


Figure 332: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

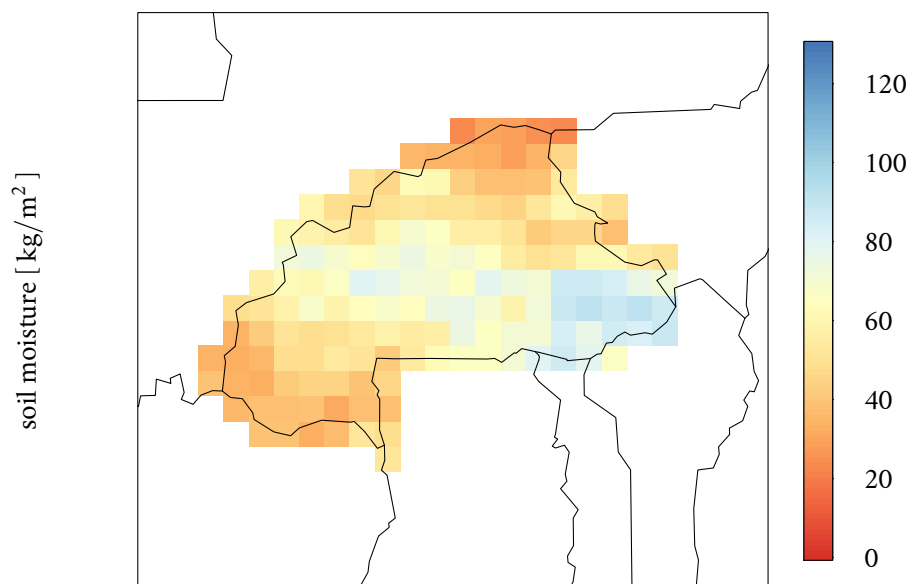


Figure 333: Mean across years, RCP 8.5, 2060 .. 2089

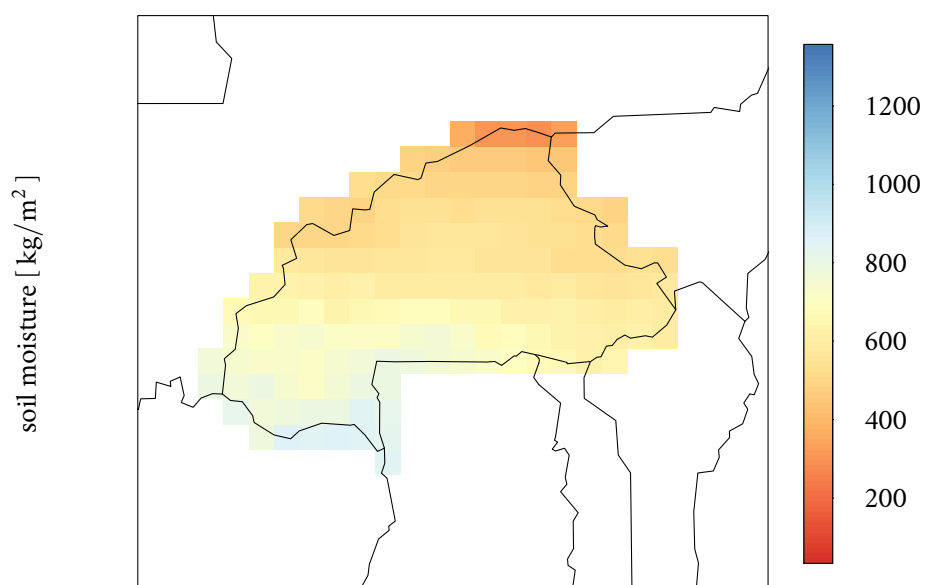


Figure 334: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

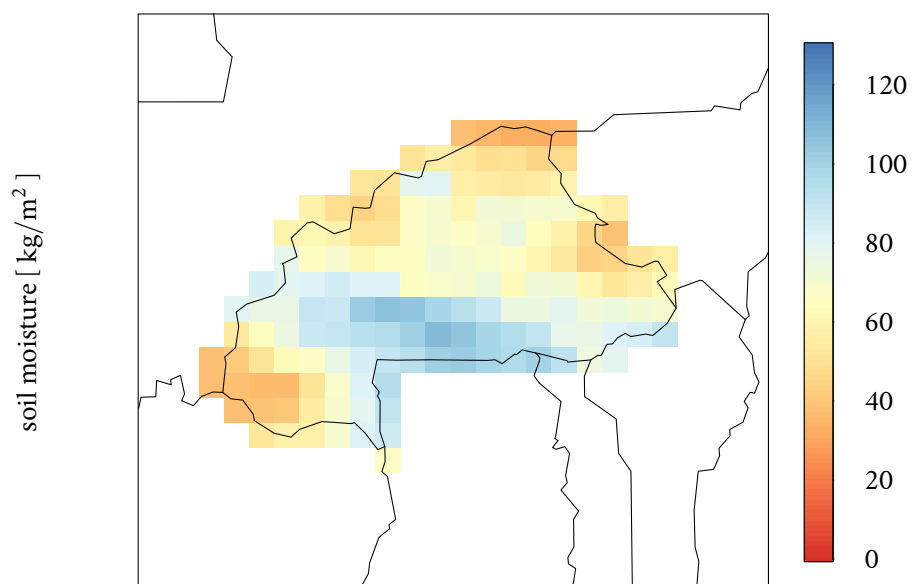
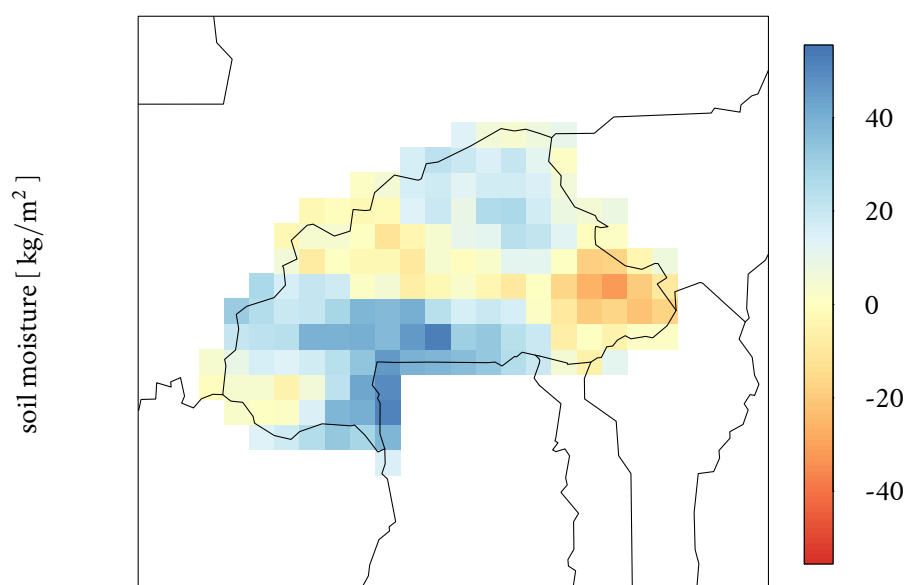


Figure 335: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.18 GCM NCC-NorESM1-M / RCM RCA4

Figure 336: Mean across years, RCP 8.5, 2020 .. 2049

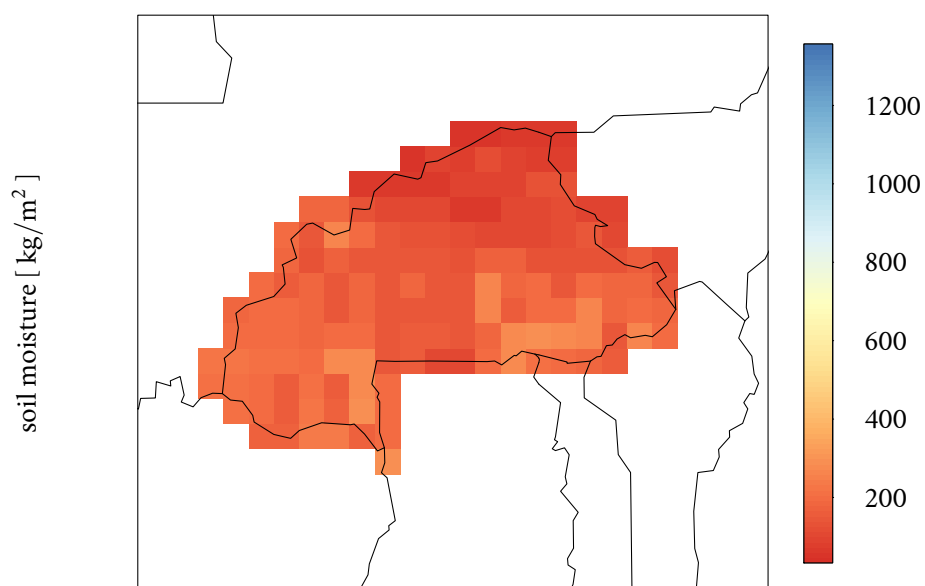


Figure 337: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

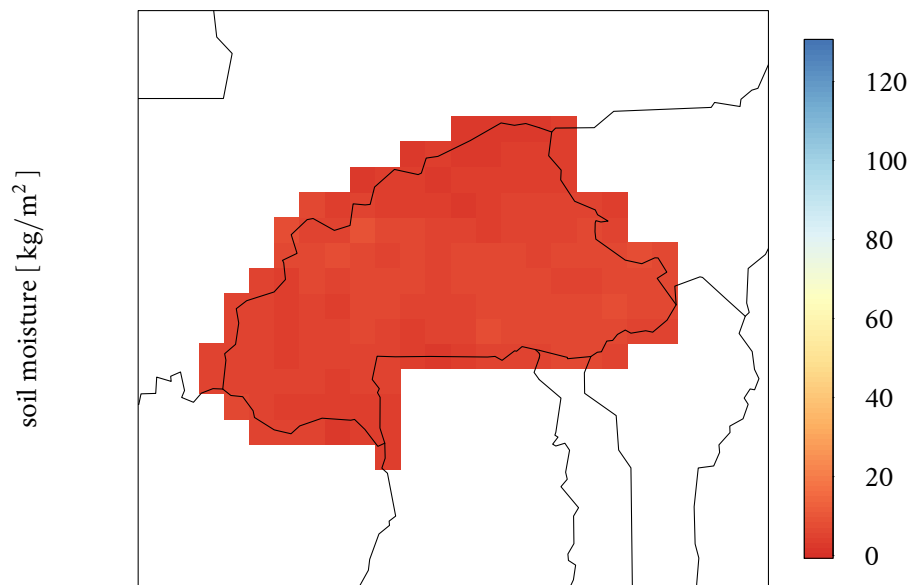


Figure 338: Mean across years, RCP 8.5, 2060 .. 2089

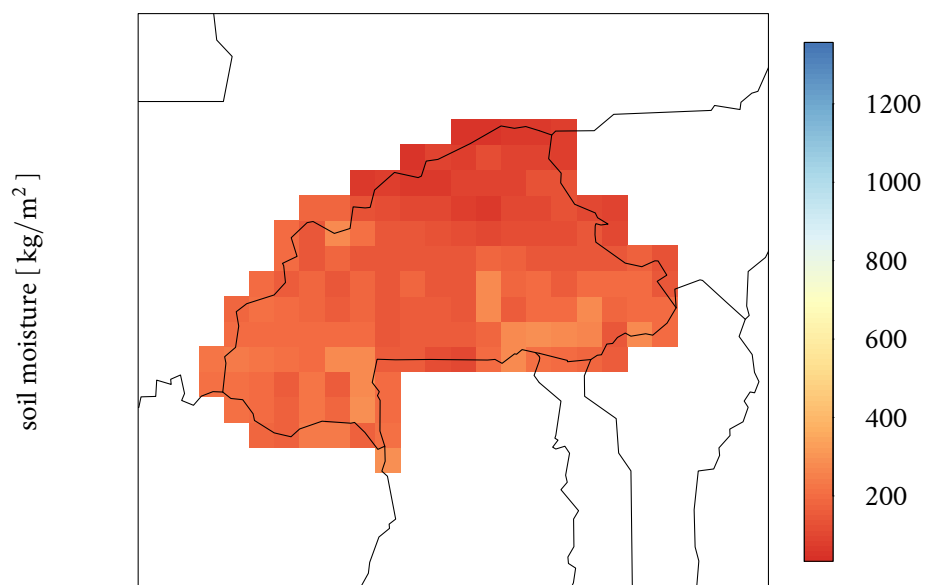


Figure 339: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

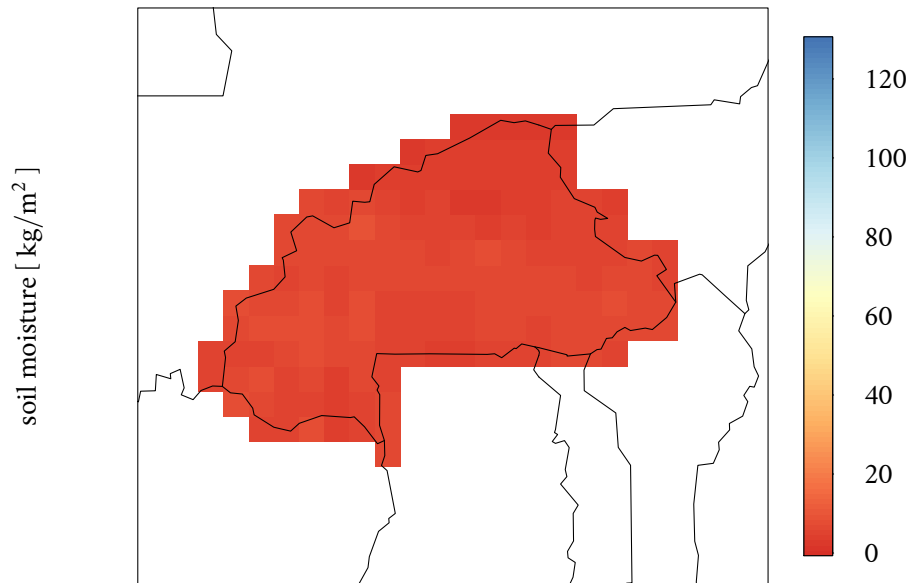
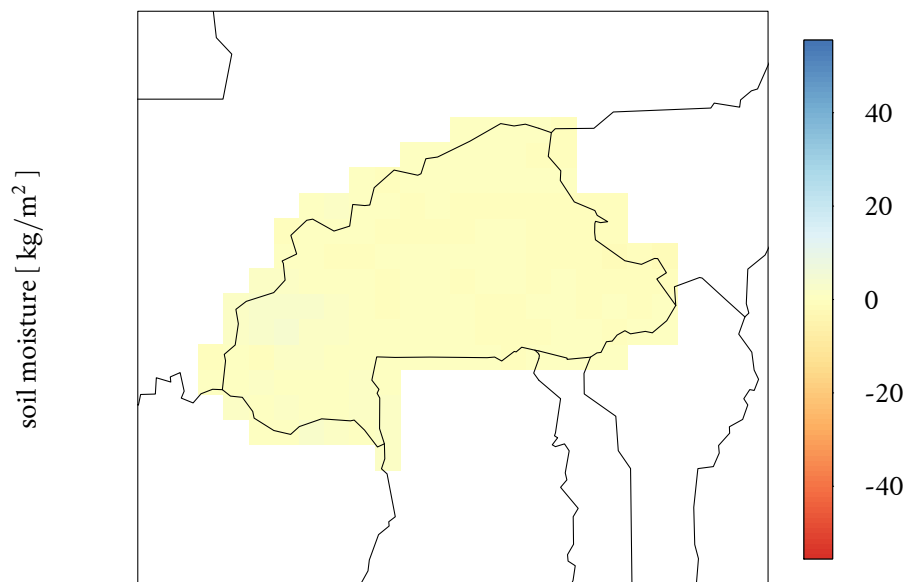


Figure 340: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.2.19 GCM NOAA-GFDL-GFDL-ESM2M / RCM RCA4

Figure 341: Mean across years, RCP 8.5, 2020 .. 2049

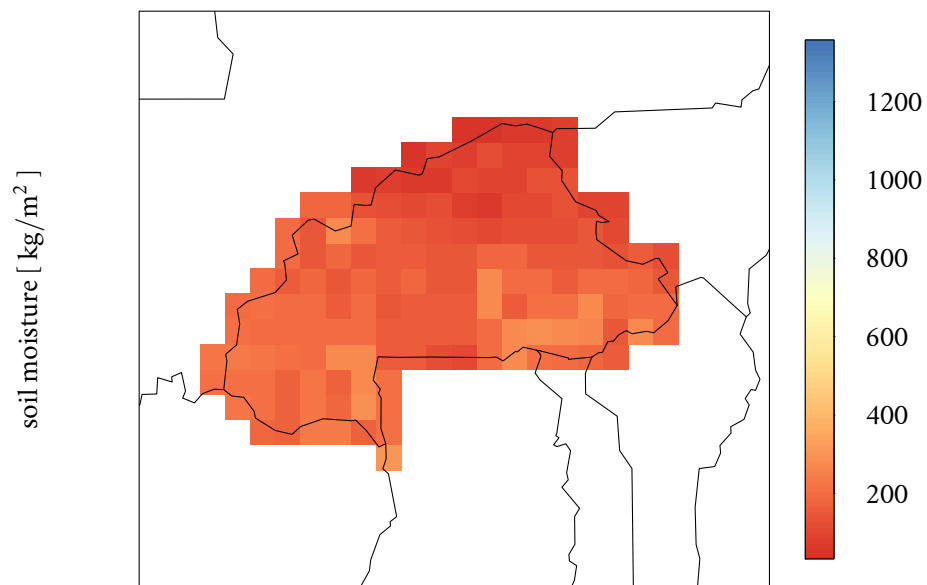


Figure 342: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

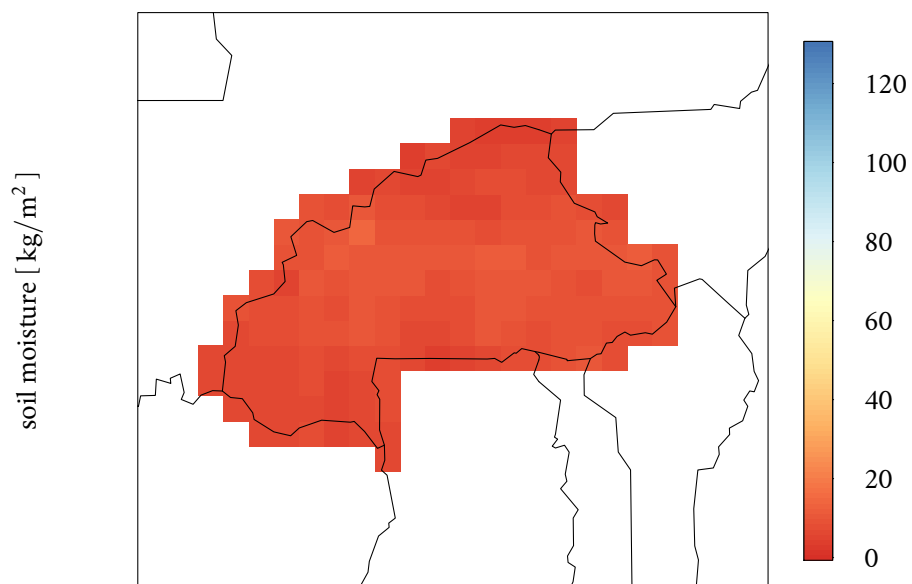


Figure 343: Mean across years, RCP 8.5, 2060 .. 2089

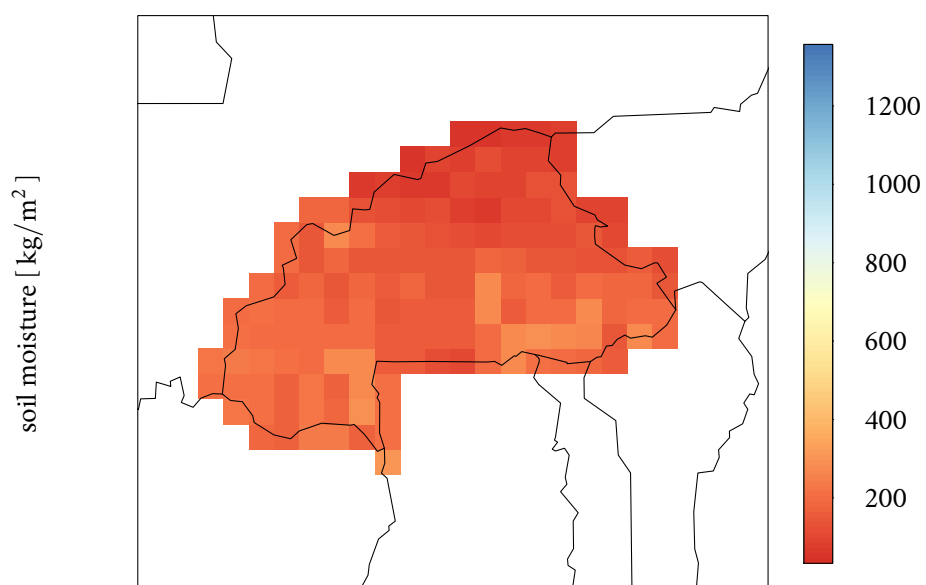


Figure 344: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

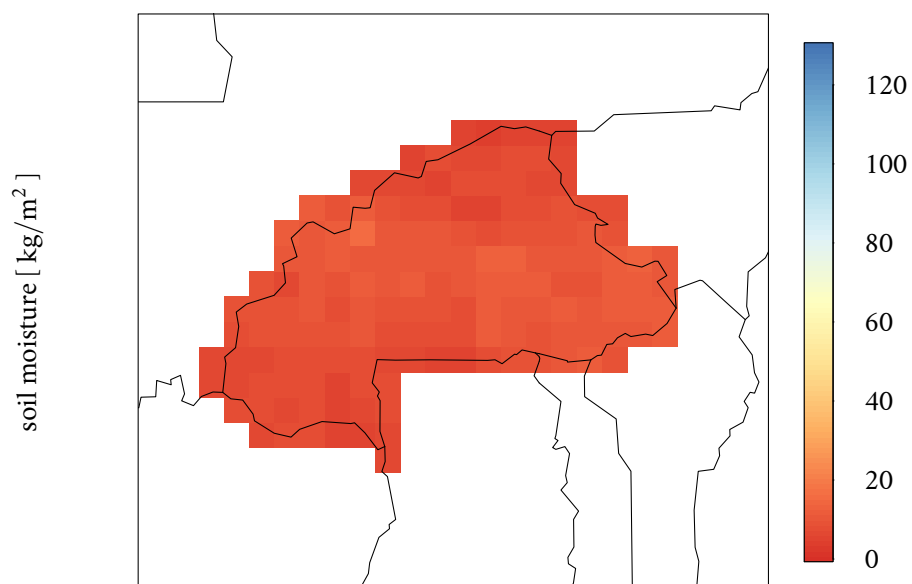
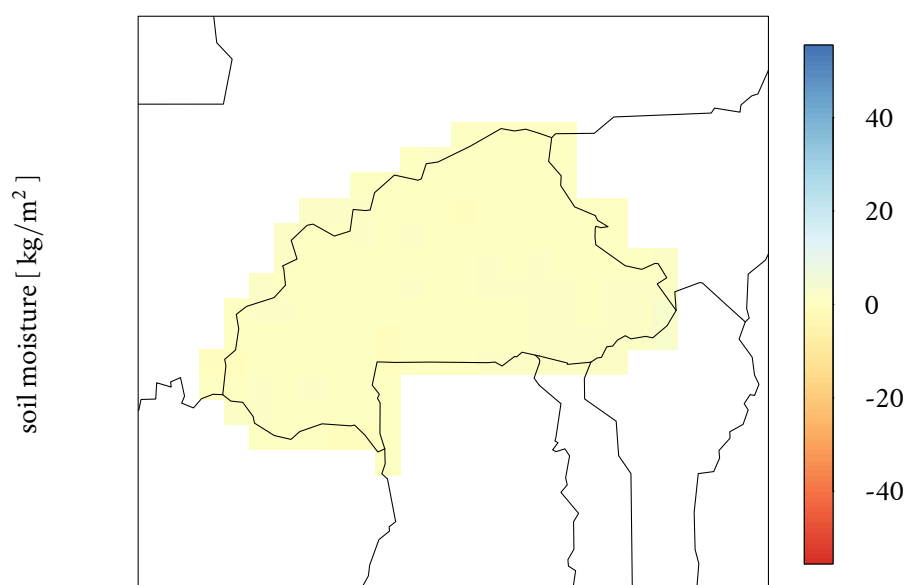


Figure 345: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.3 Kenya / RCP 2.6

A.3.1 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 346: Mean across years, RCP 2.6, 2020 .. 2049

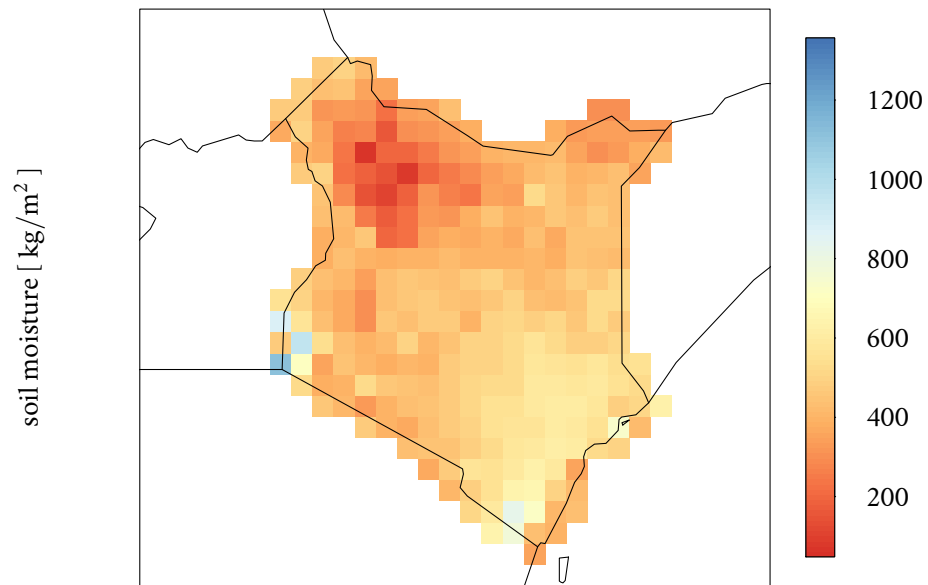


Figure 347: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

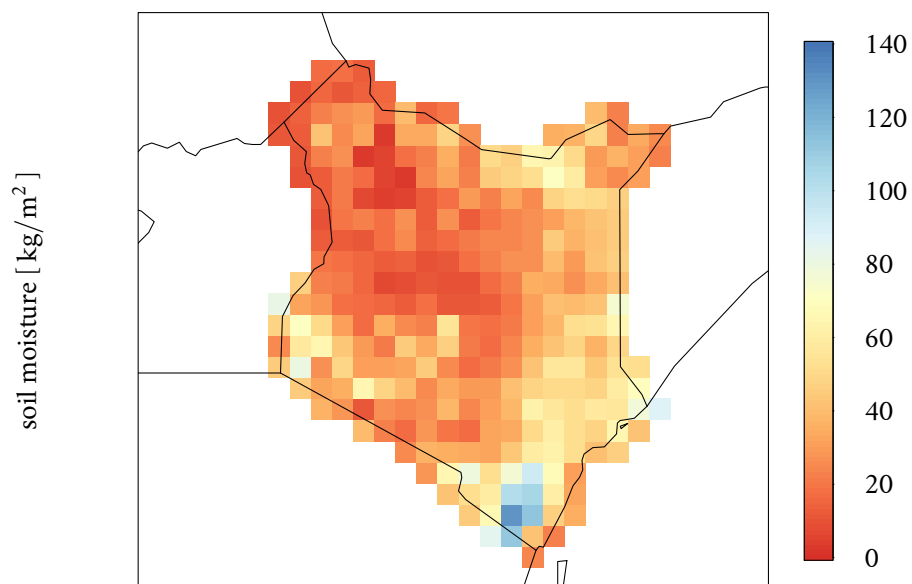


Figure 348: Mean across years, RCP 2.6, 2060 .. 2089

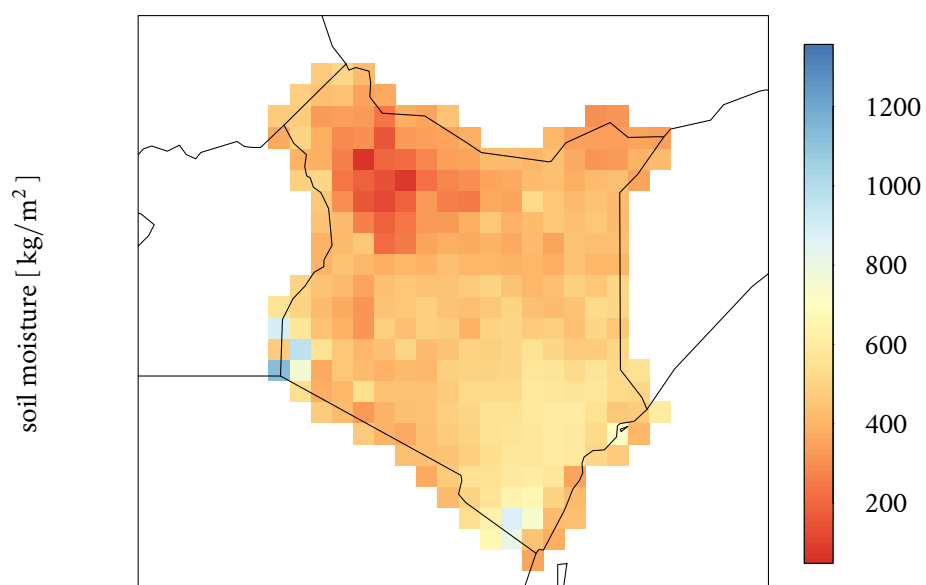


Figure 349: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

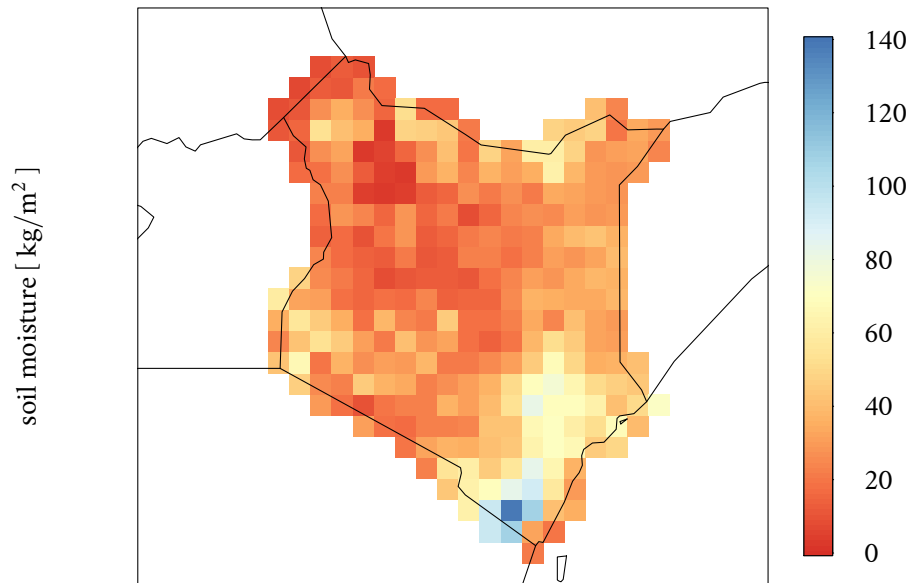
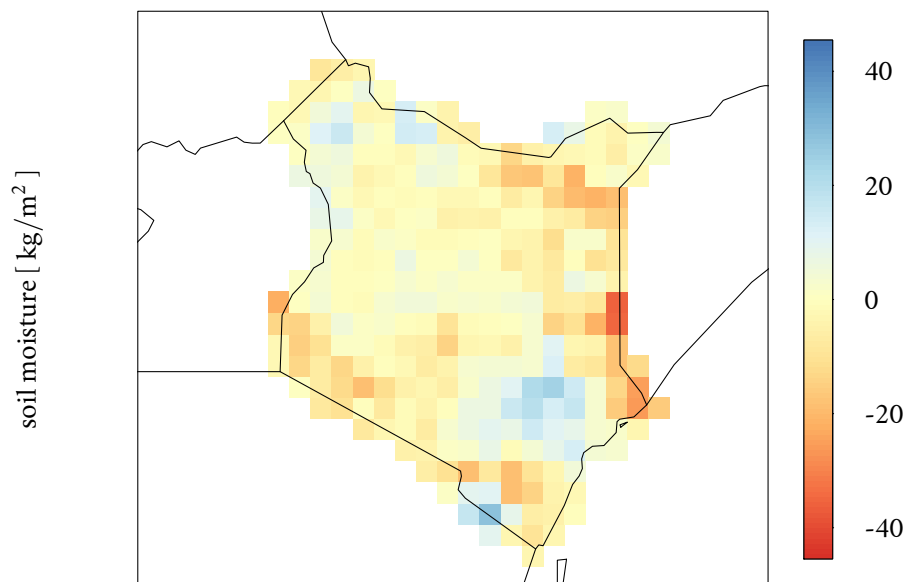


Figure 350: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.3.2 GCM MIROC-MIROC5 / RCM RCA4

Figure 351: Mean across years, RCP 2.6, 2020 .. 2049

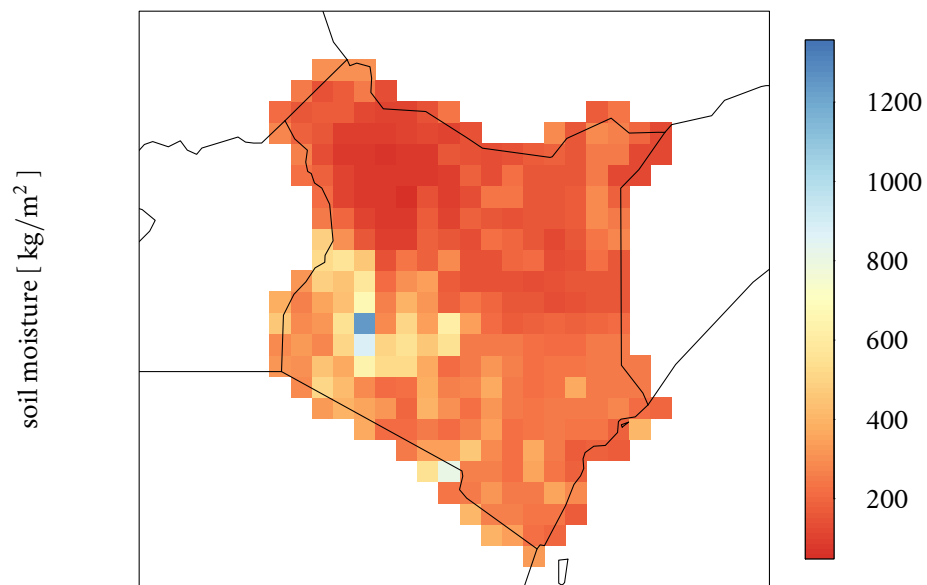


Figure 352: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

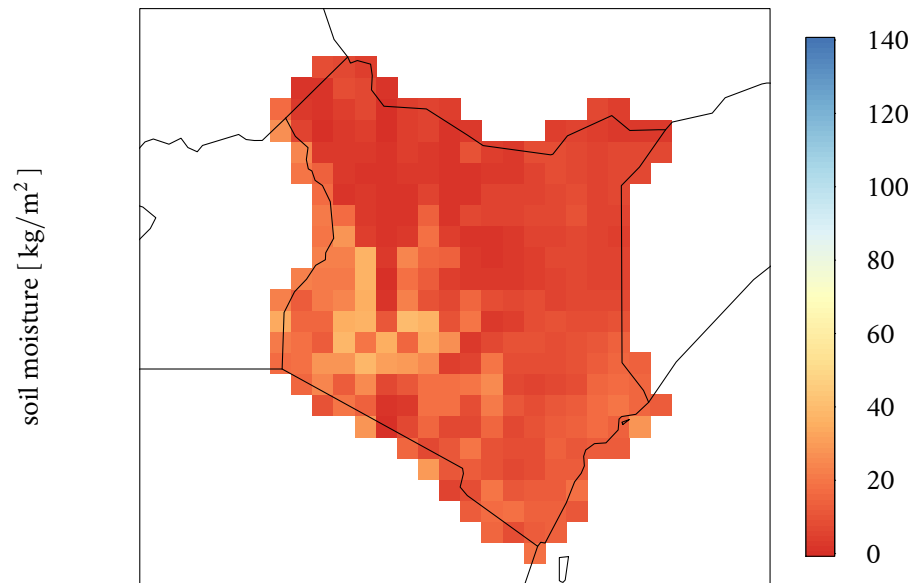


Figure 353: Mean across years, RCP 2.6, 2060 .. 2089

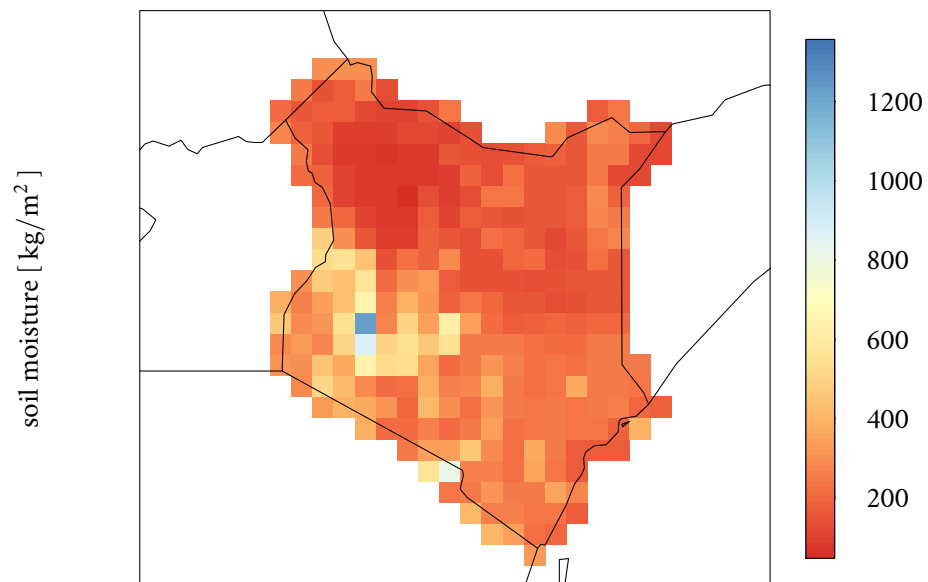


Figure 354: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

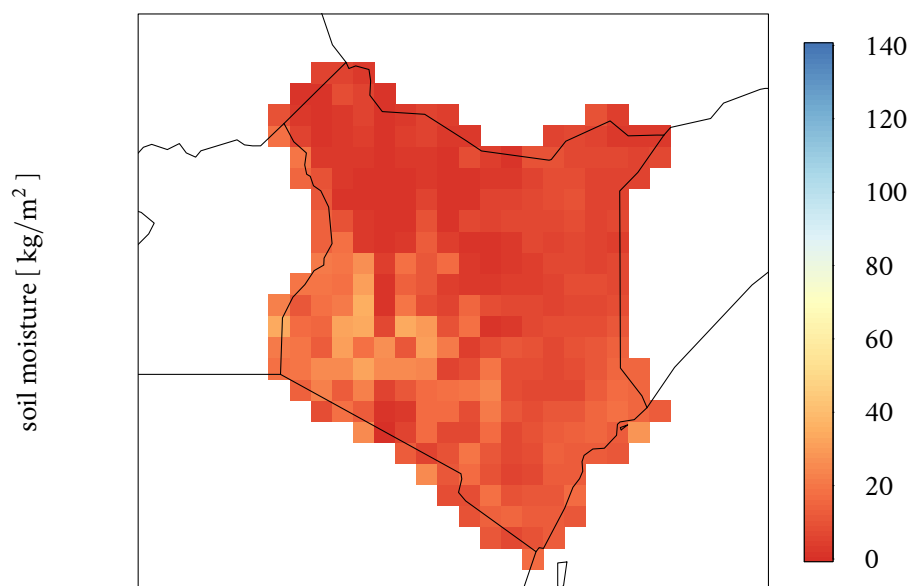
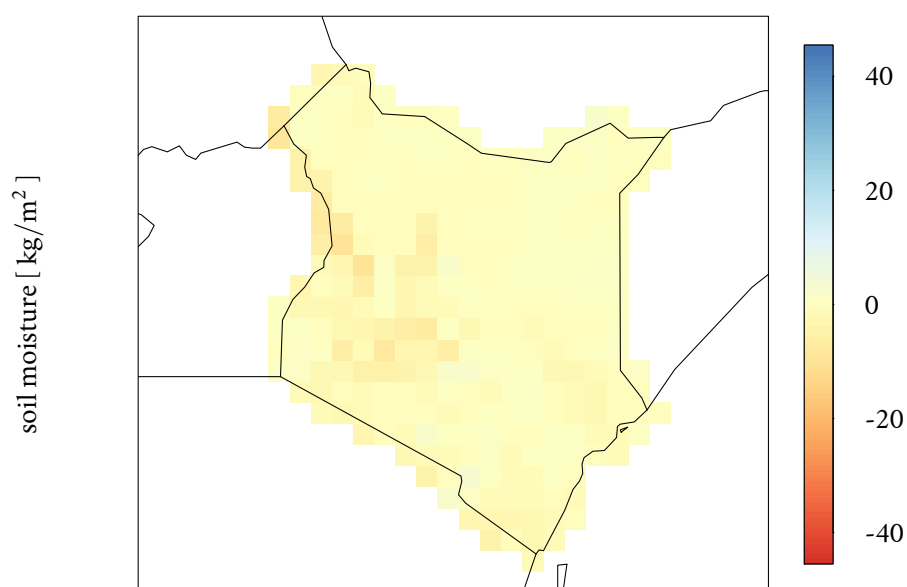


Figure 355: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.3.3 GCM MIROC-MIROC5 / RCM REMO2009

Figure 356: Mean across years, RCP 2.6, 2020 .. 2049

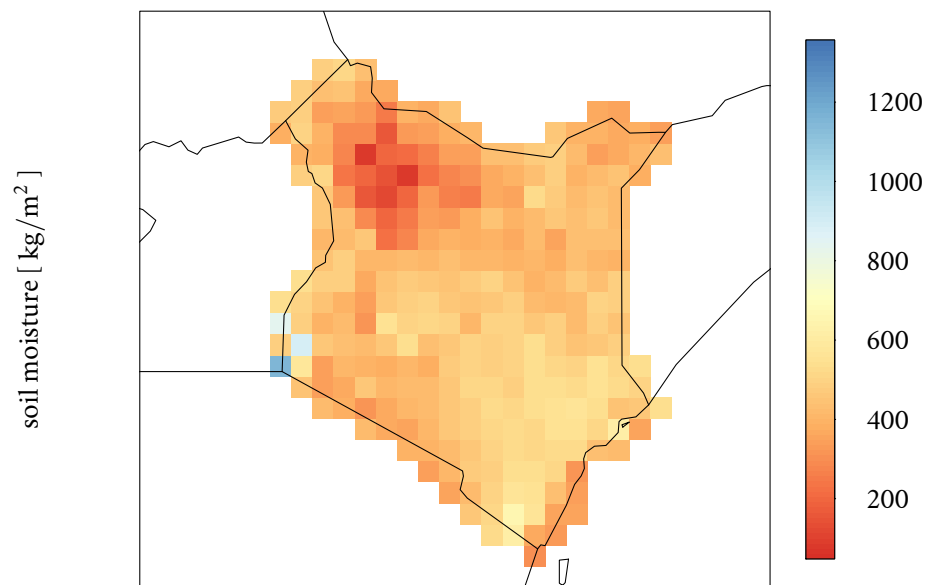


Figure 357: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

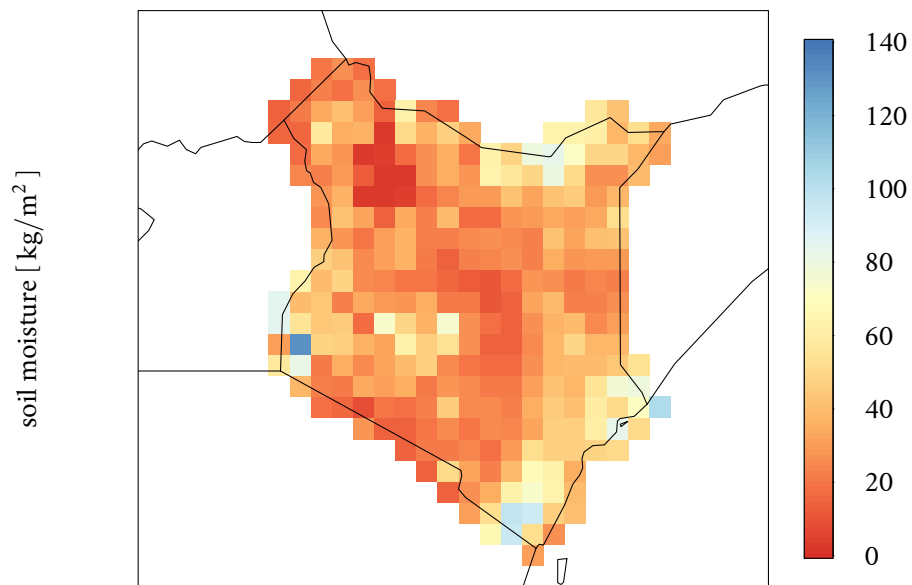


Figure 358: Mean across years, RCP 2.6, 2060 .. 2089

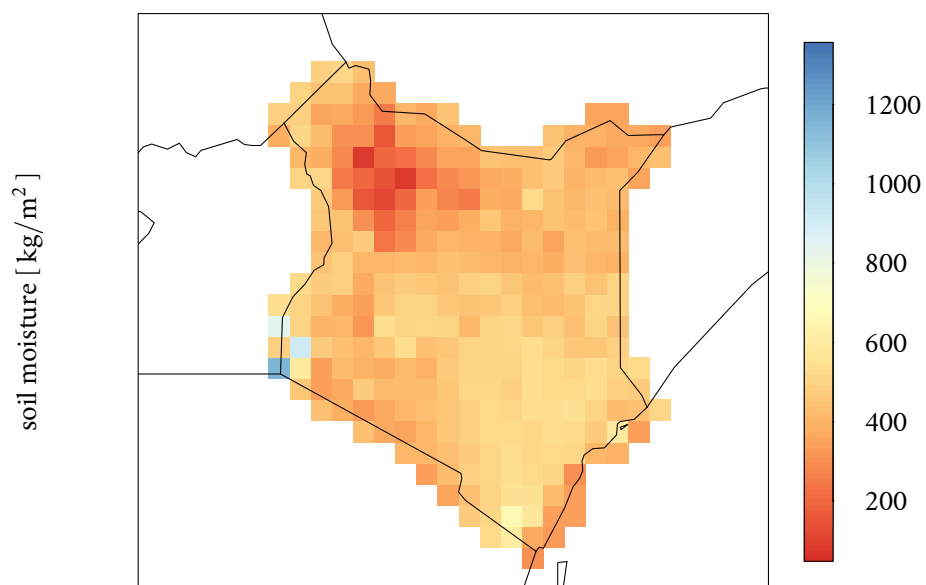


Figure 359: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

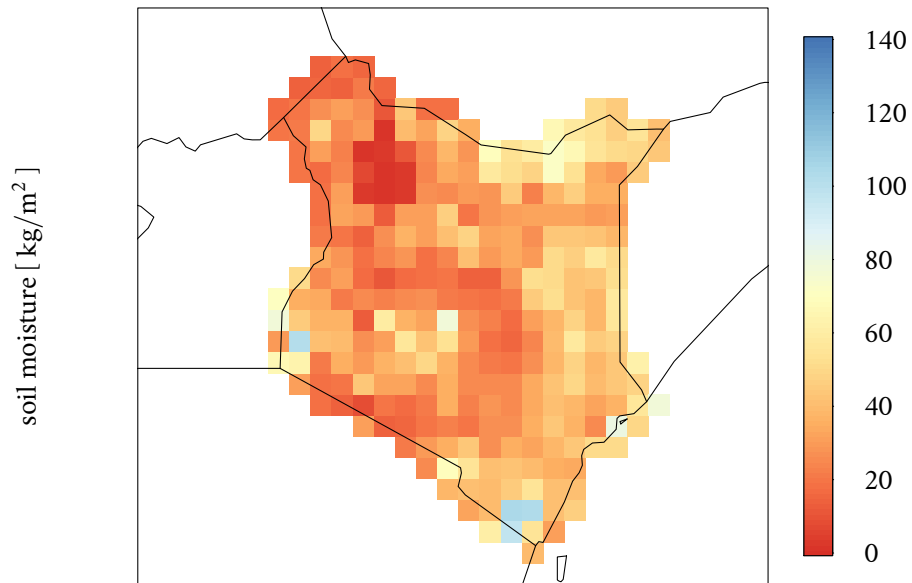
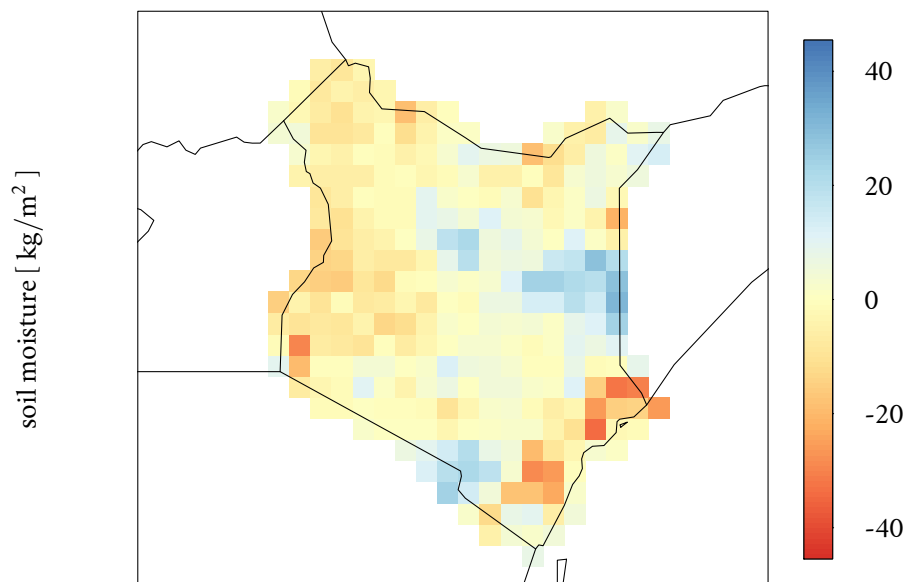


Figure 360: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.3.4 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 361: Mean across years, RCP 2.6, 2020 .. 2049

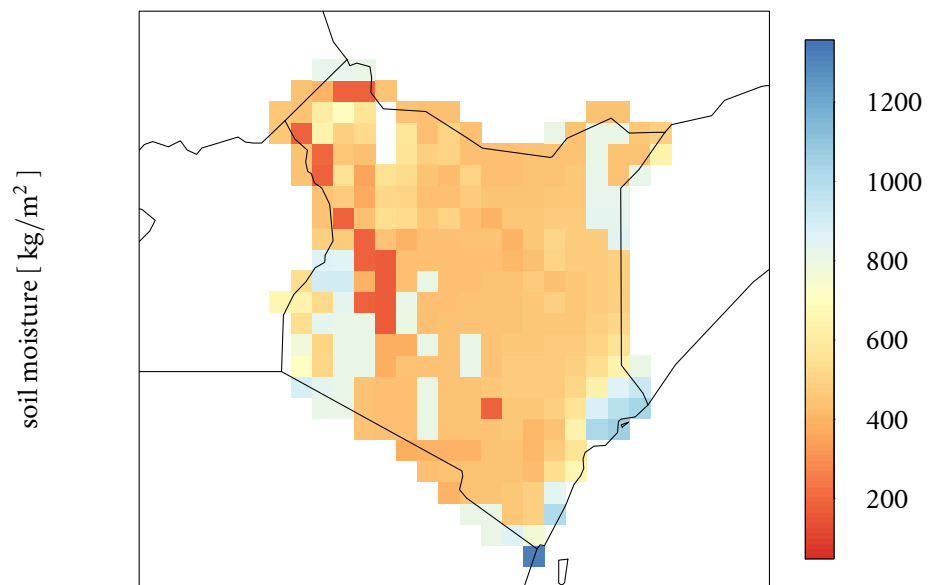


Figure 362: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

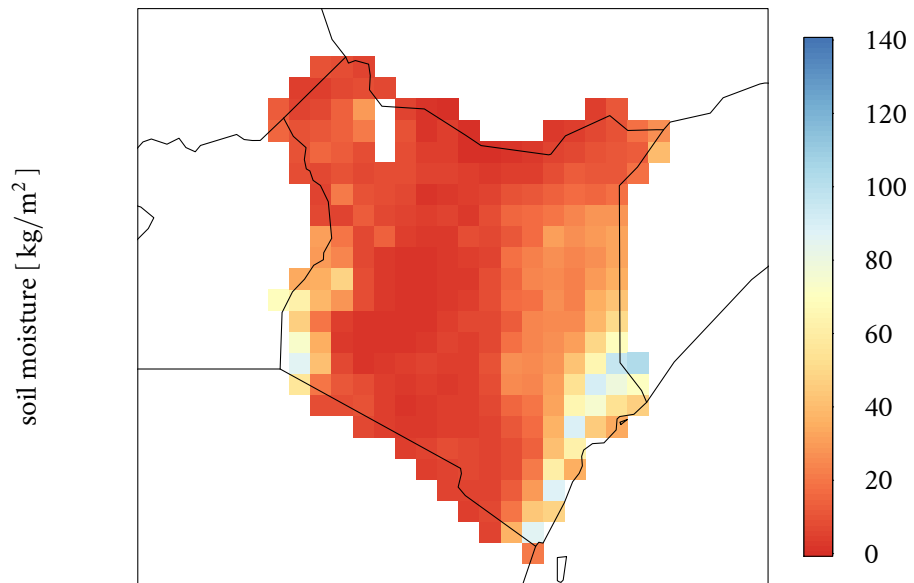


Figure 363: Mean across years, RCP 2.6, 2060 .. 2089

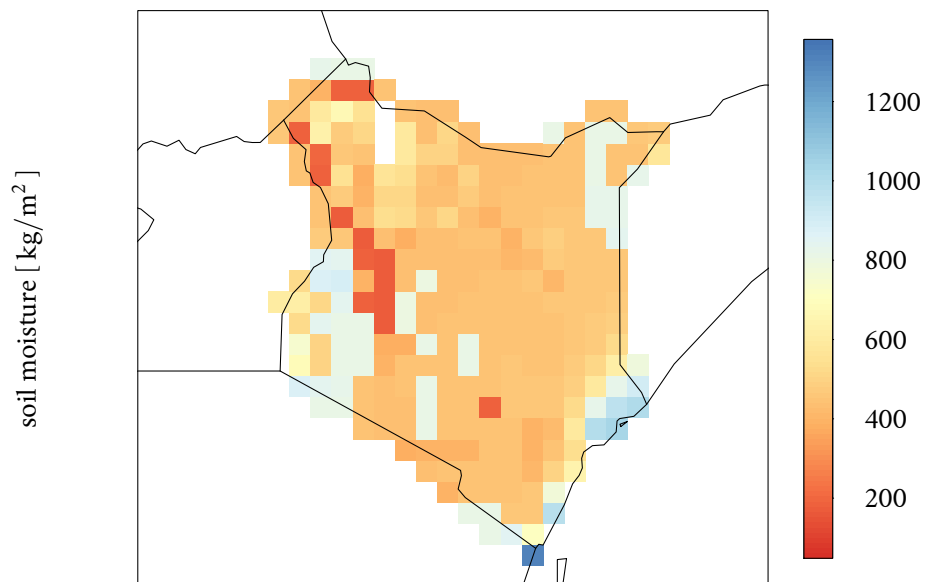


Figure 364: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

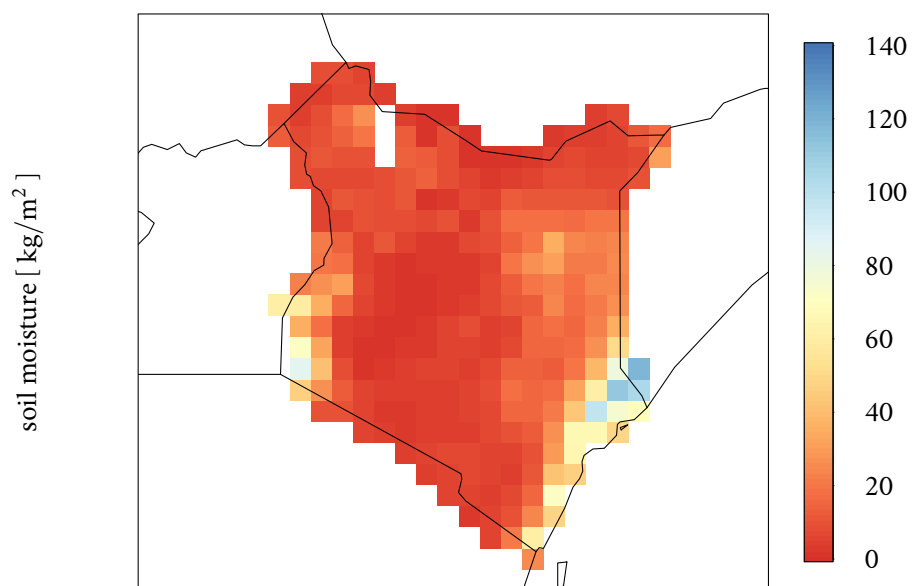
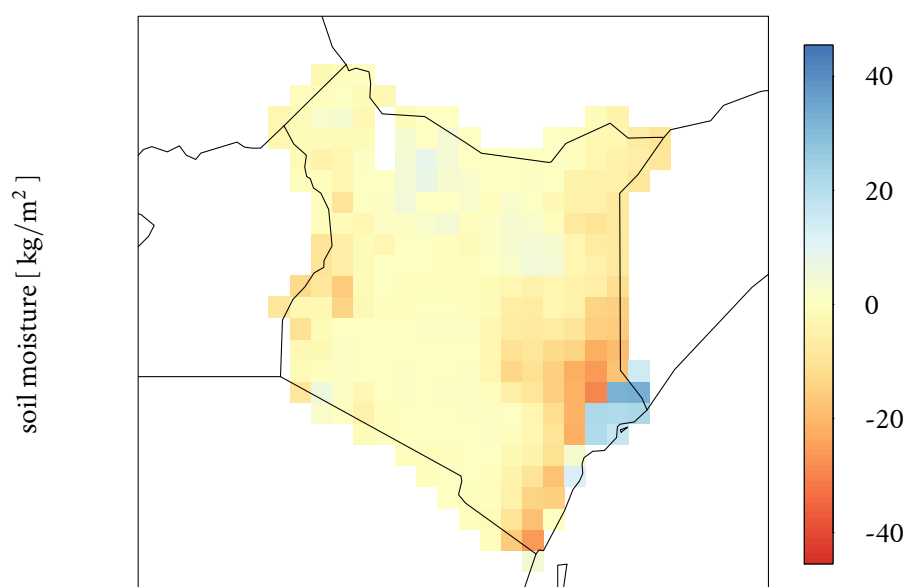


Figure 365: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.3.5 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 366: Mean across years, RCP 2.6, 2020 .. 2049

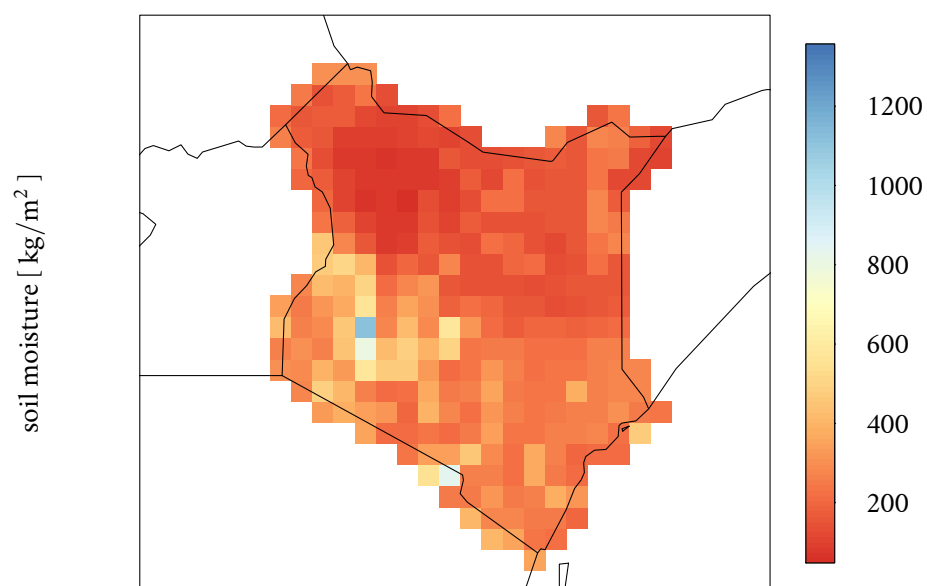


Figure 367: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

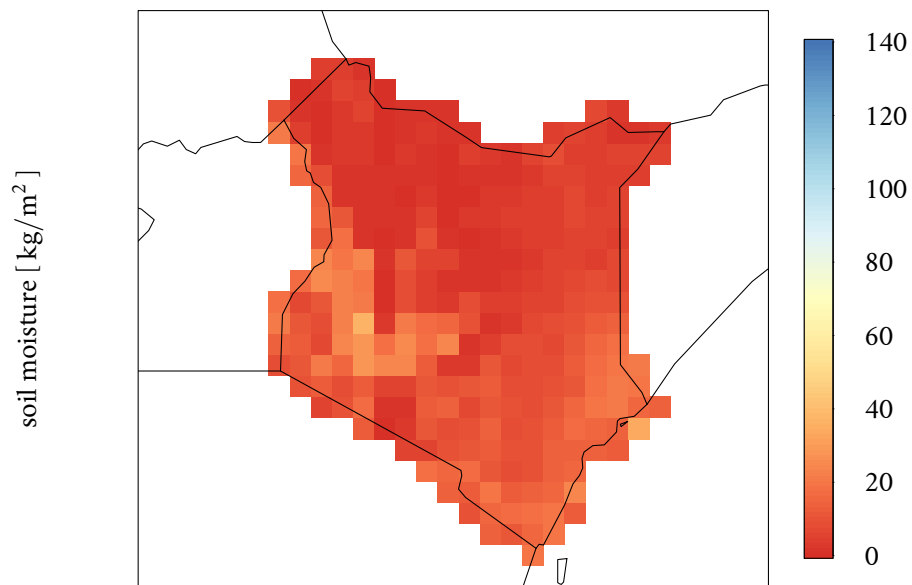


Figure 368: Mean across years, RCP 2.6, 2060 .. 2089

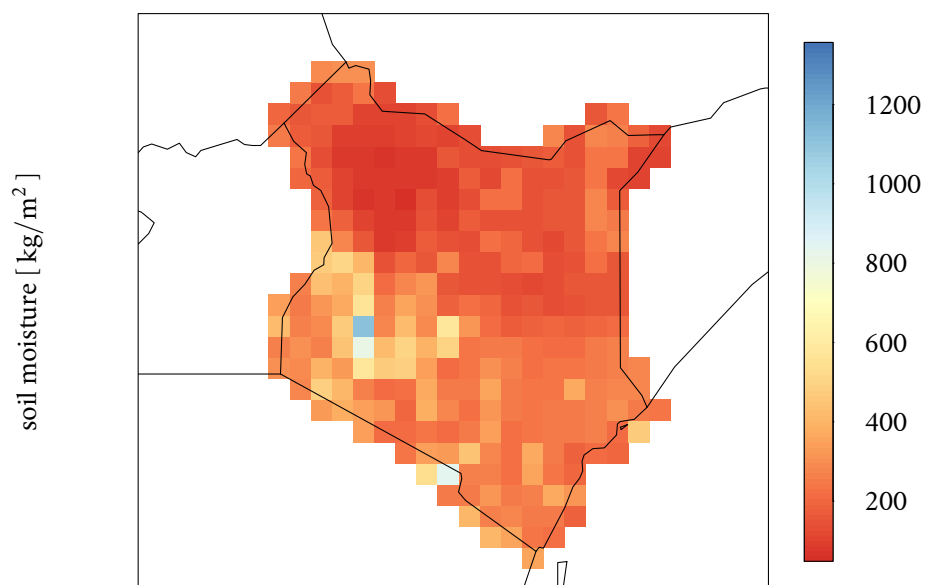


Figure 369: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

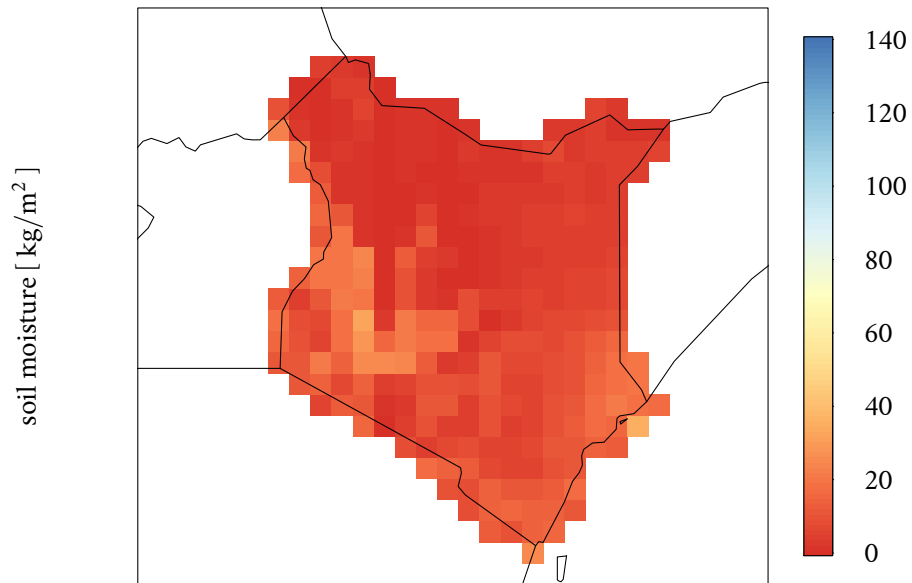
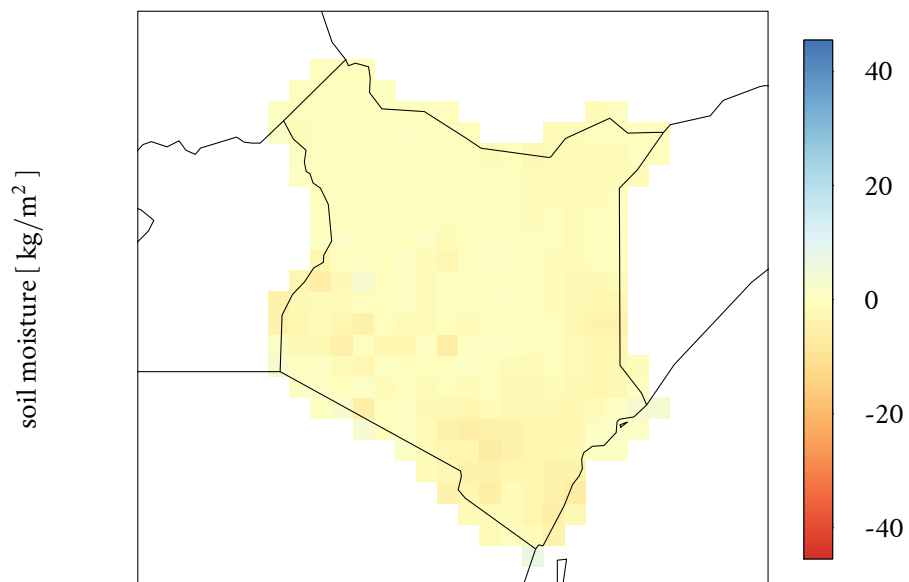


Figure 370: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.3.6 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 371: Mean across years, RCP 2.6, 2020 .. 2049

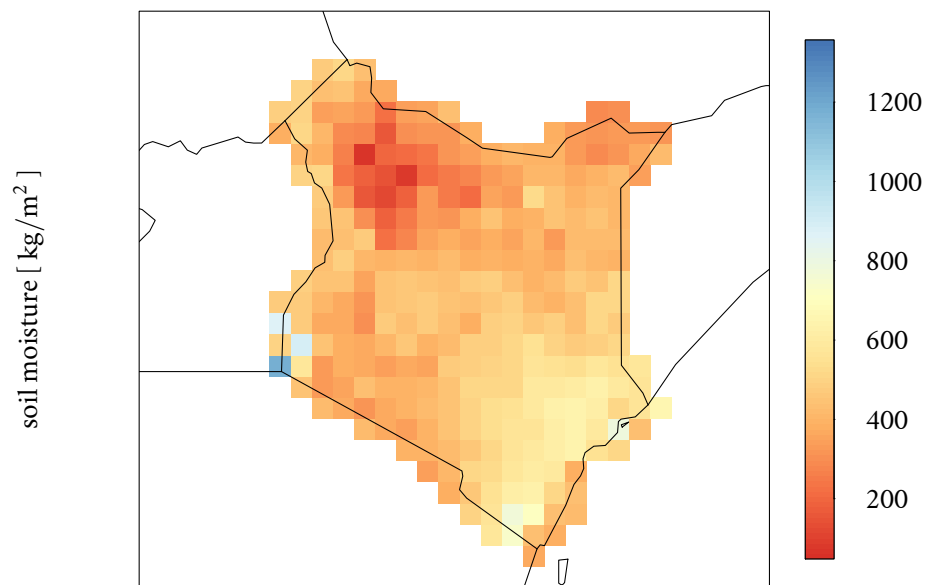


Figure 372: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

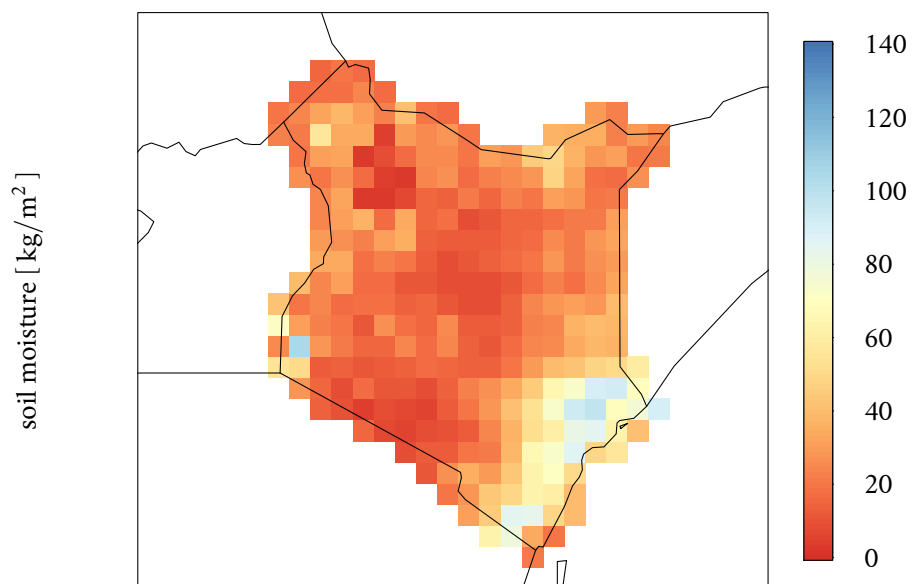


Figure 373: Mean across years, RCP 2.6, 2060 .. 2089

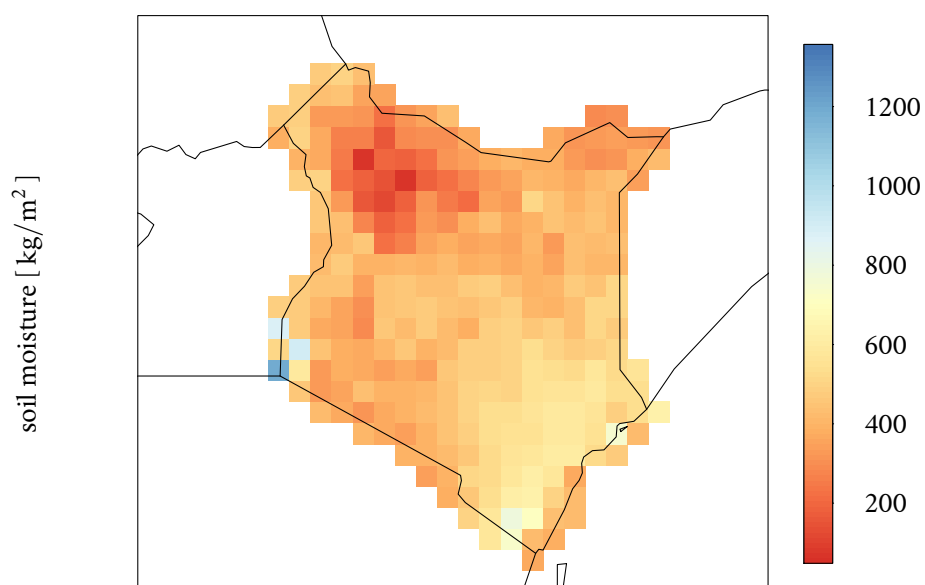


Figure 374: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

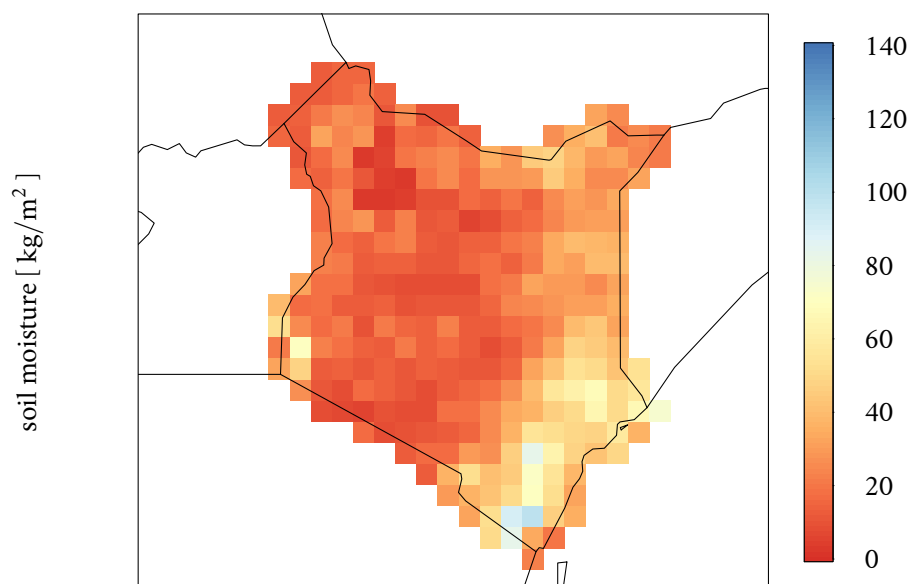
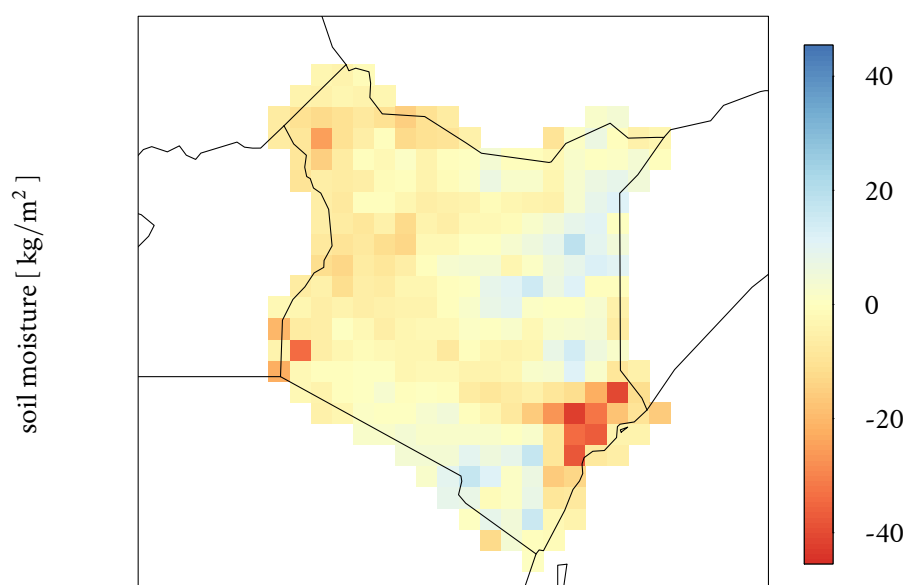


Figure 375: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.3.7 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 376: Mean across years, RCP 2.6, 2020 .. 2049

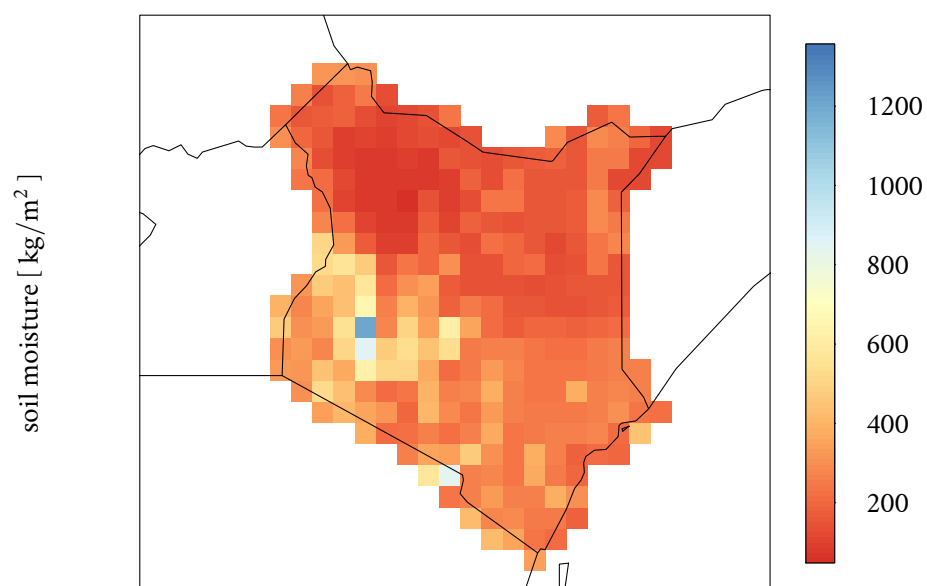


Figure 377: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

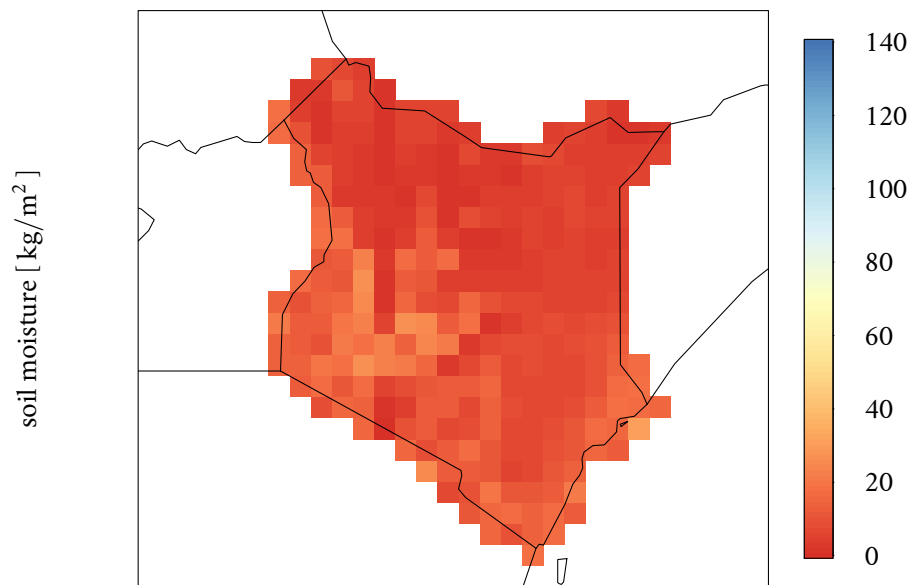


Figure 378: Mean across years, RCP 2.6, 2060 .. 2089

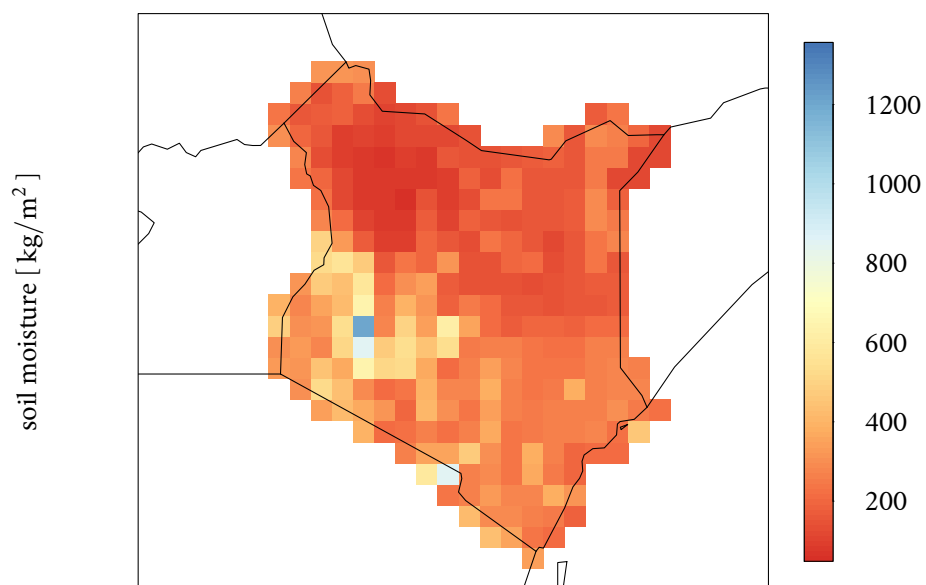


Figure 379: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

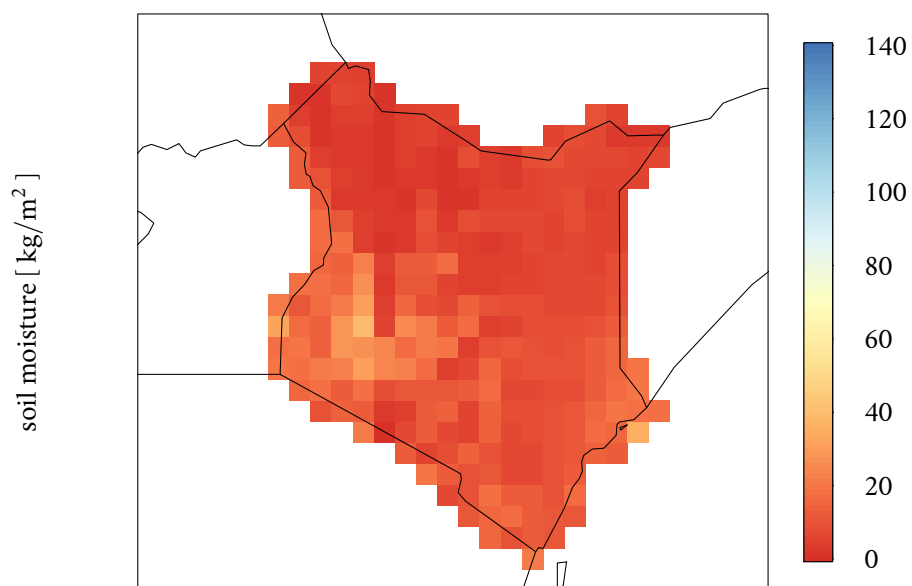
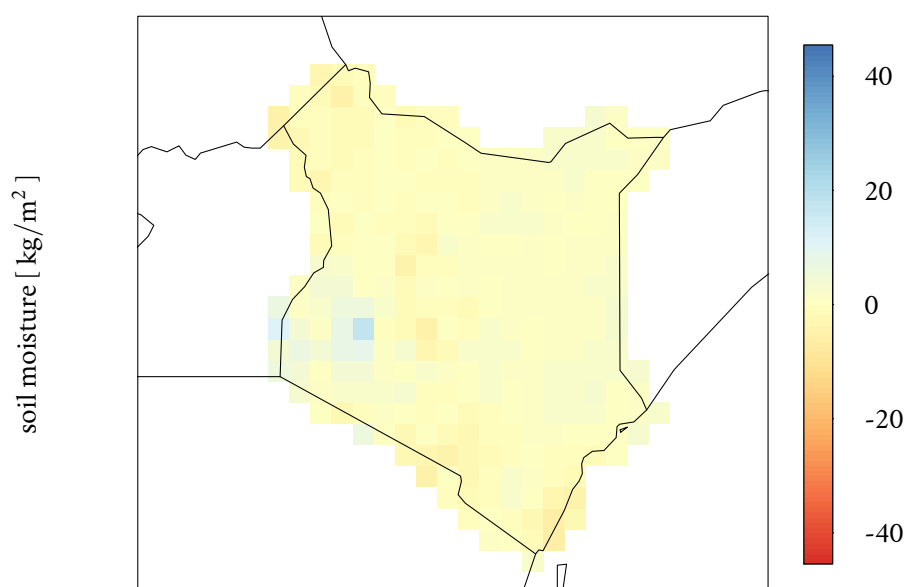


Figure 380: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.3.8 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 381: Mean across years, RCP 2.6, 2020 .. 2049

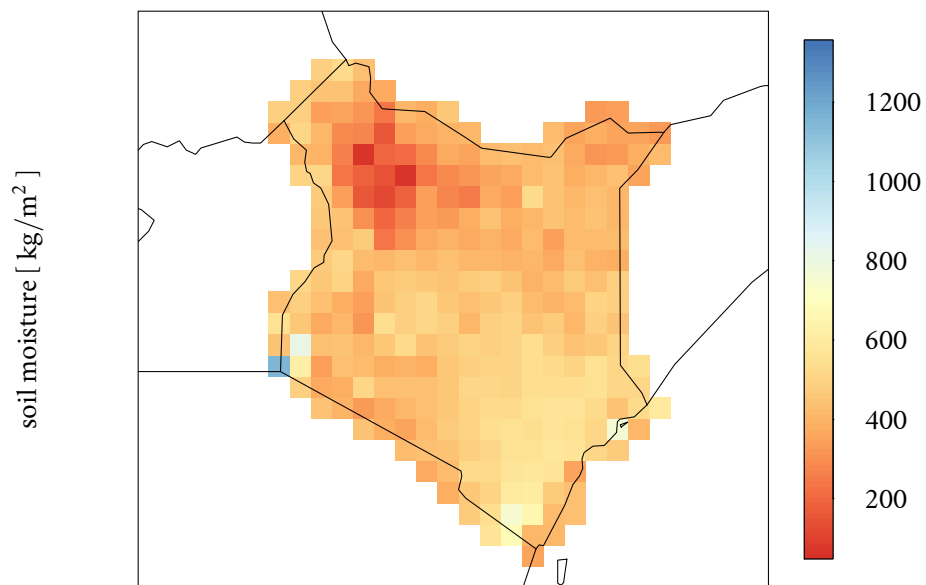


Figure 382: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

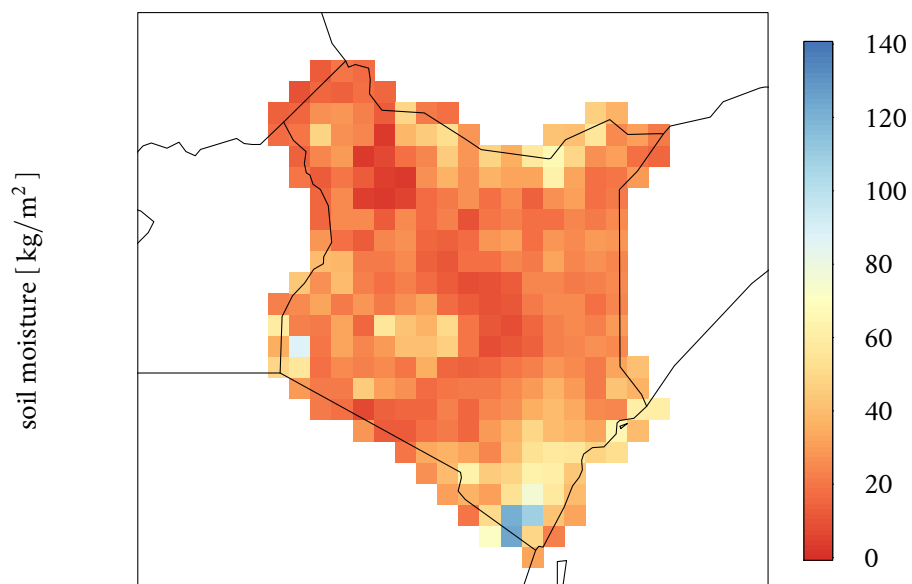


Figure 383: Mean across years, RCP 2.6, 2060 .. 2089

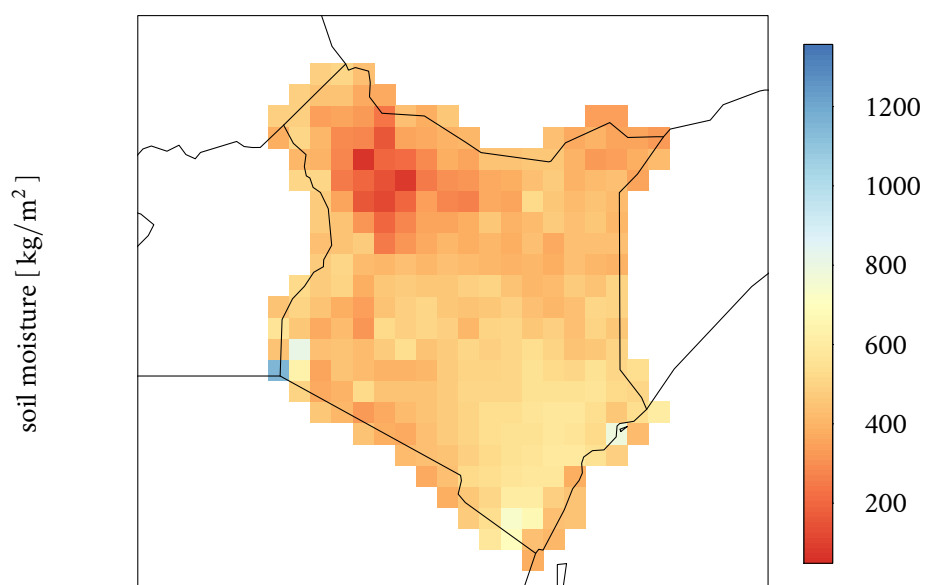


Figure 384: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

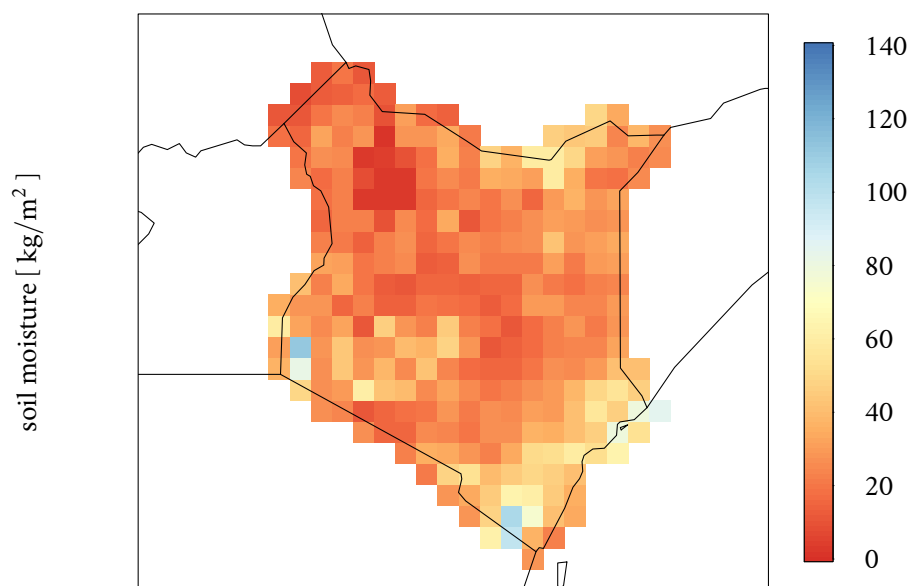
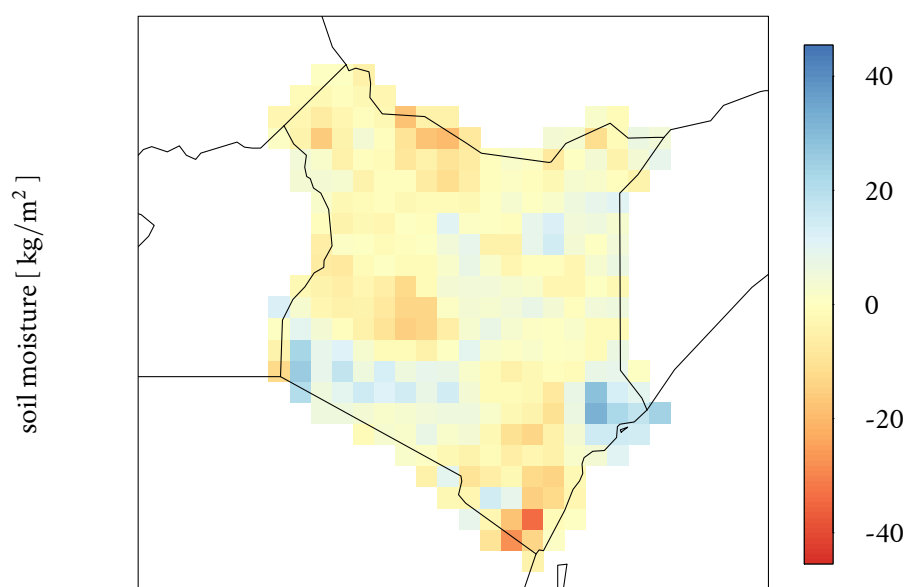


Figure 385: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.3.9 GCM NCC-NorESM1-M / RCM RCA4

Figure 386: Mean across years, RCP 2.6, 2020 .. 2049

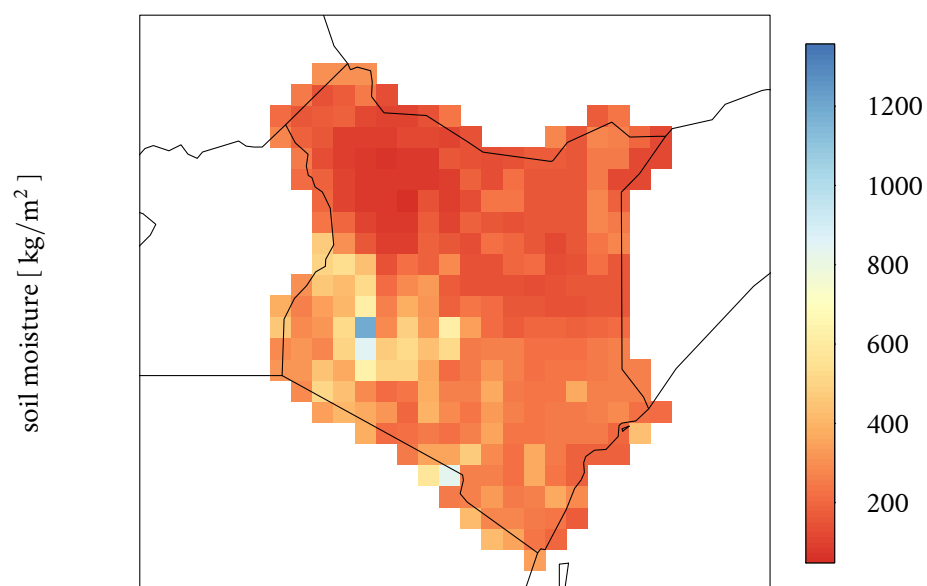


Figure 387: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

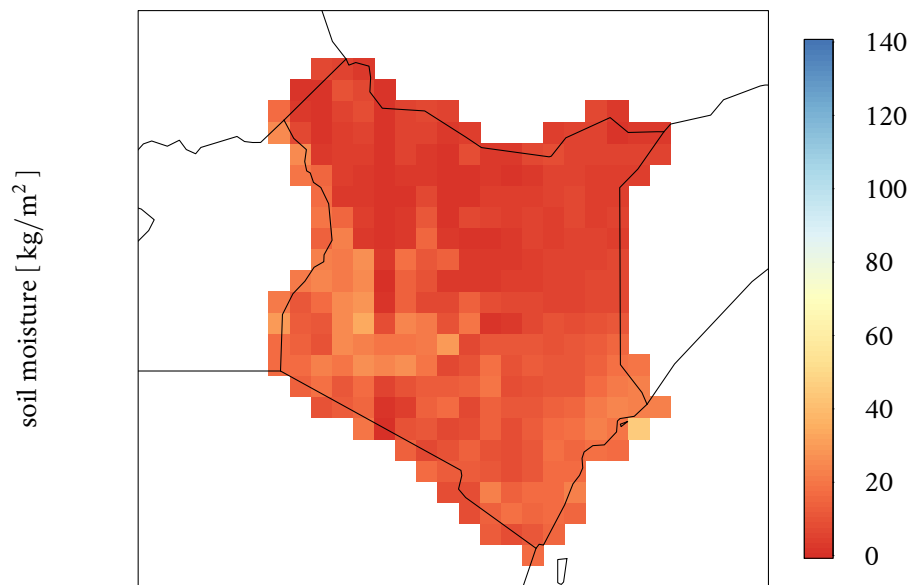


Figure 388: Mean across years, RCP 2.6, 2060 .. 2089

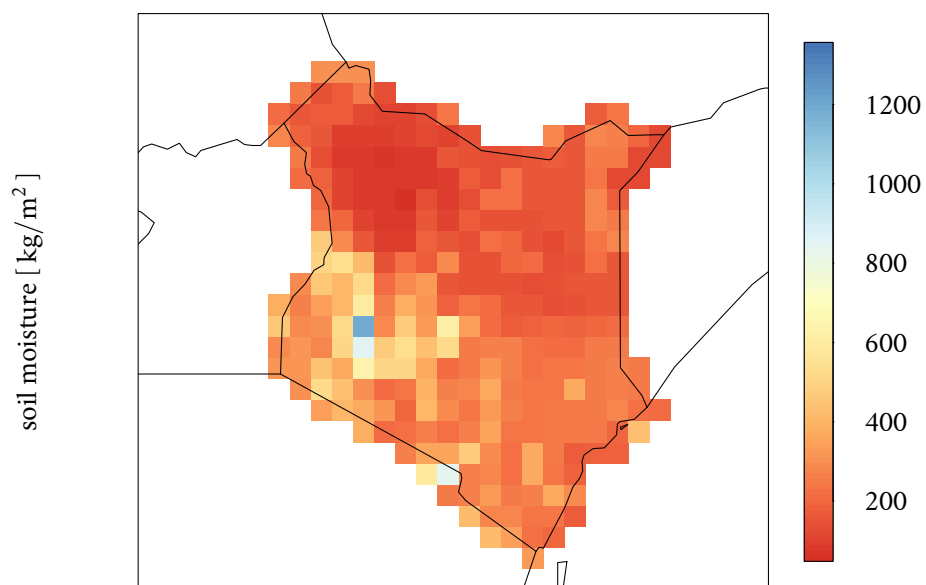


Figure 389: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

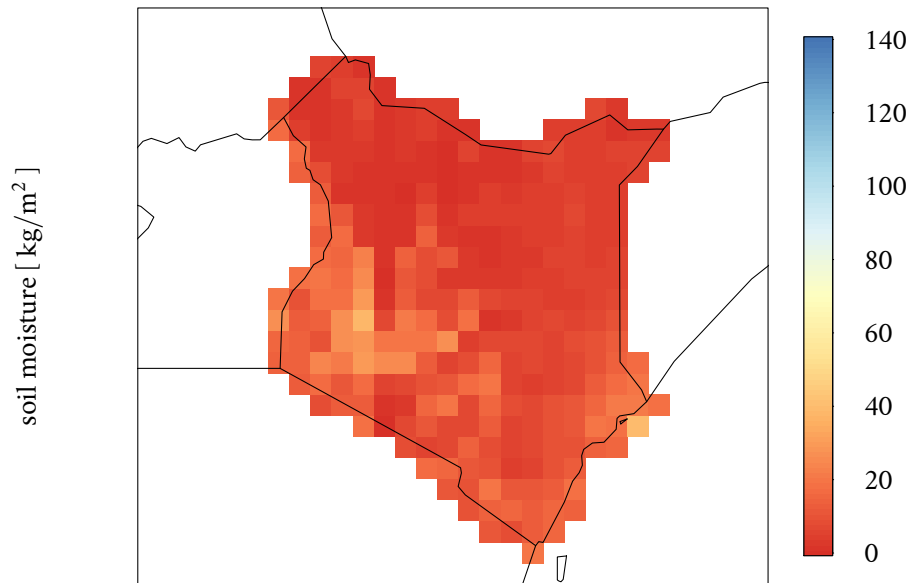
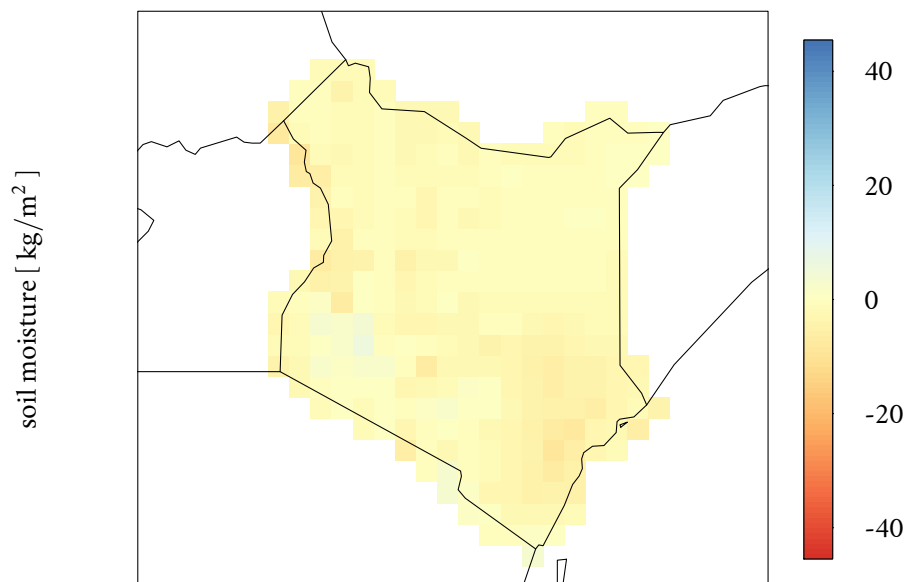


Figure 390: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.3.10 GCM NOAA-GFDL-GFDL-ESM2G / RCM REMO2009

Figure 391: Mean across years, RCP 2.6, 2020 .. 2049

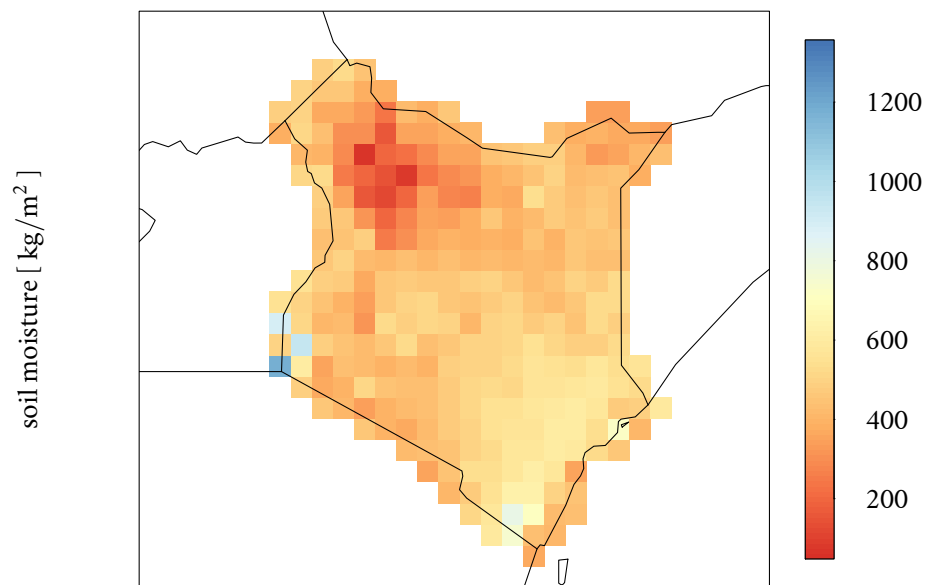


Figure 392: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

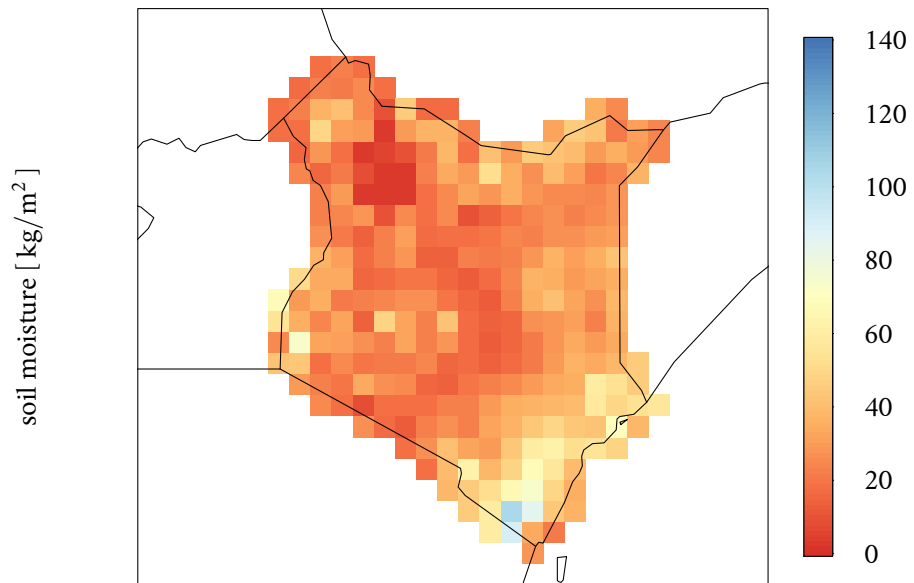


Figure 393: Mean across years, RCP 2.6, 2060 .. 2089

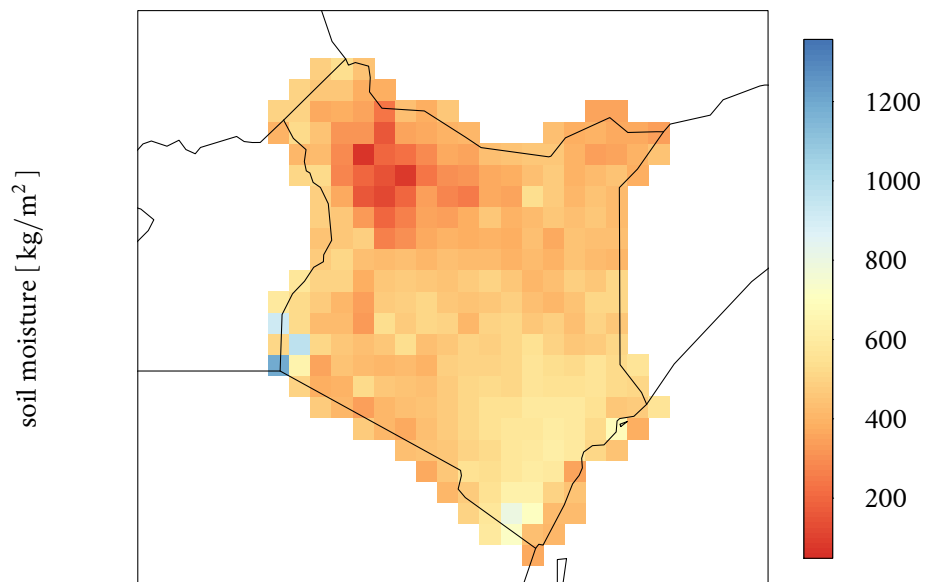


Figure 394: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

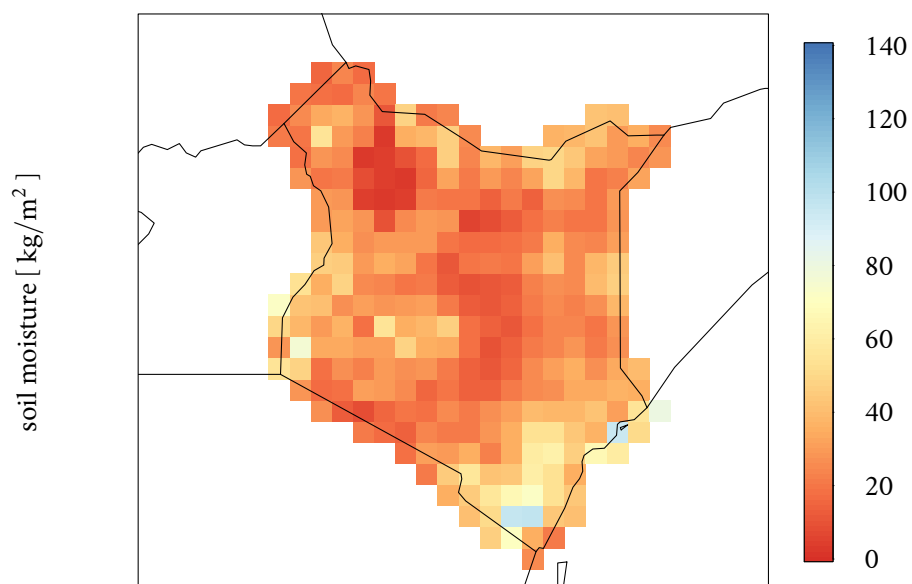
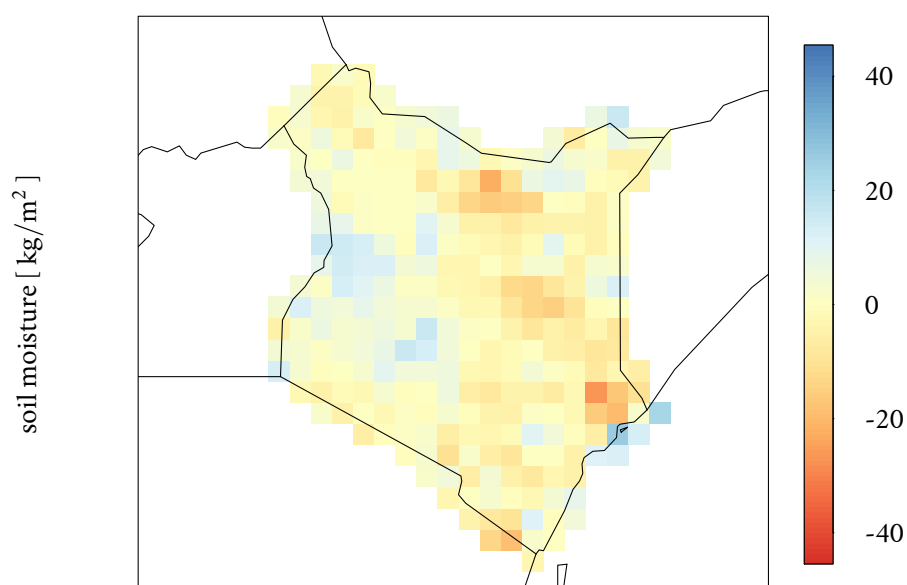


Figure 395: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



A.4 Kenya / RCP 8.5

A.4.1 GCM CCCma-CanESM2 / RCM RCA4

Figure 396: Mean across years, RCP 8.5, 2020 .. 2049

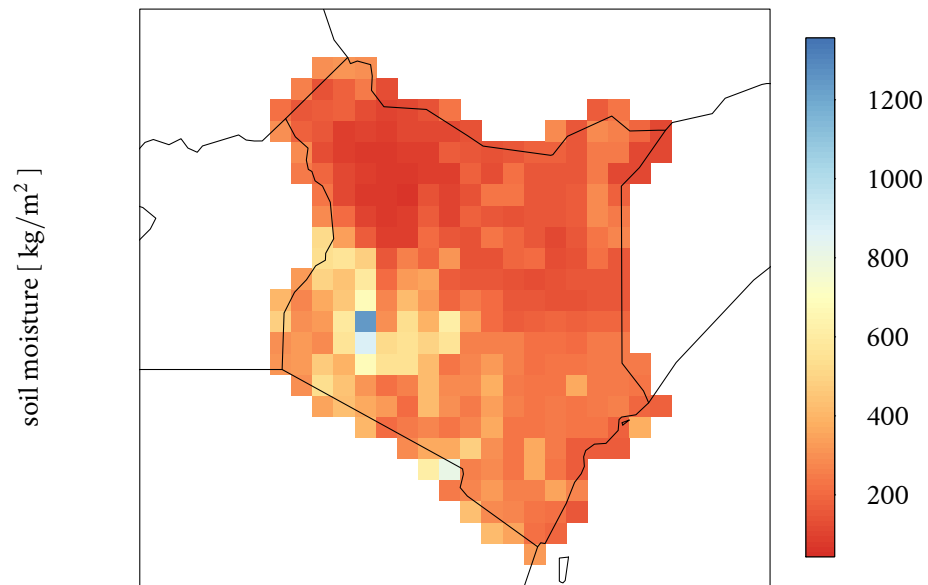


Figure 397: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

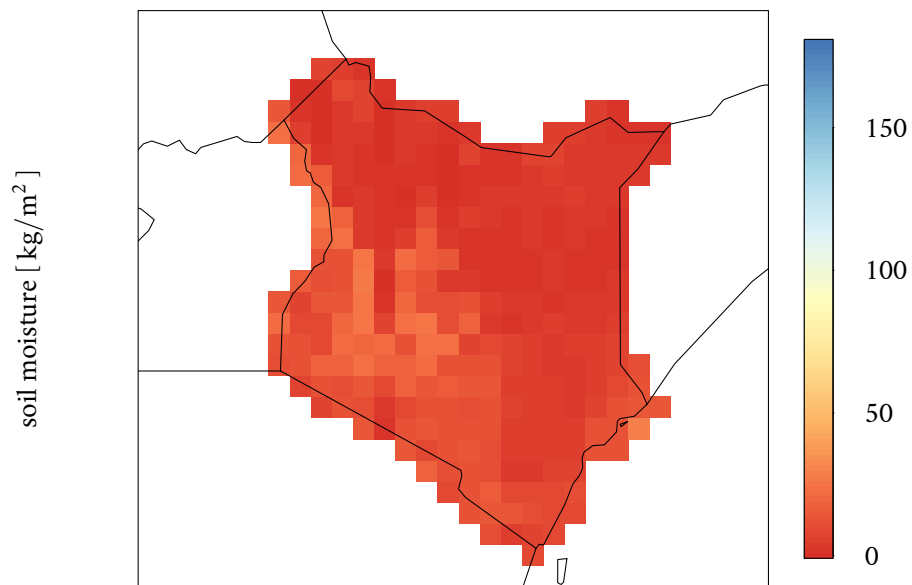


Figure 398: Mean across years, RCP 8.5, 2060 .. 2089

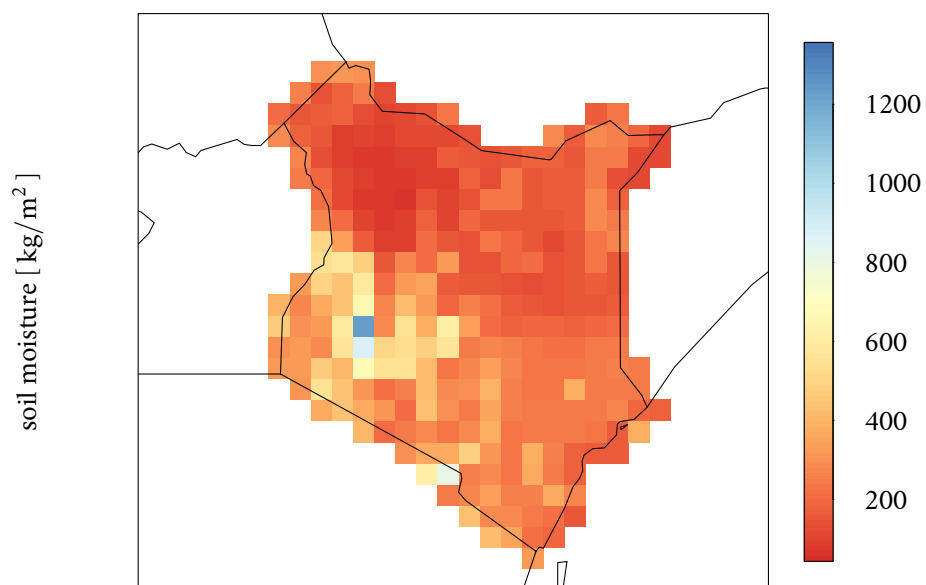


Figure 399: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

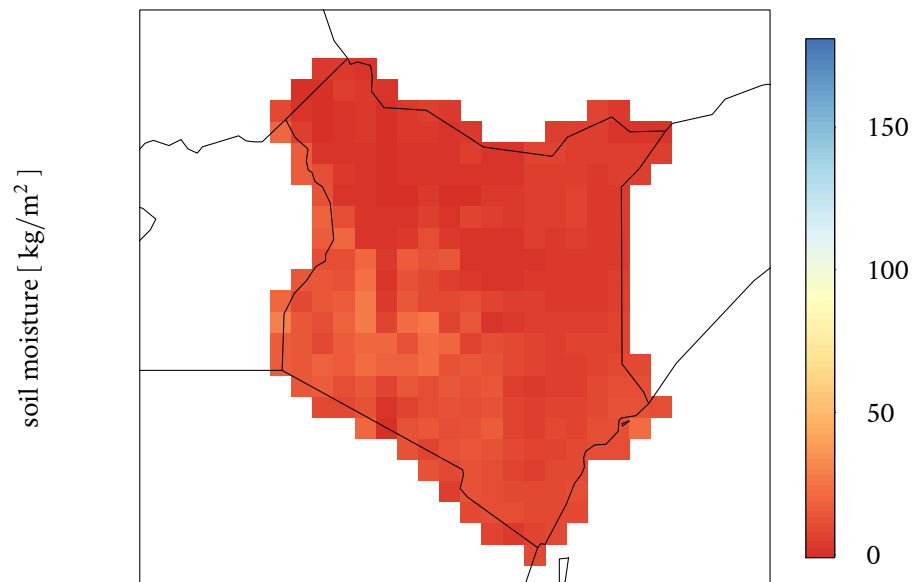
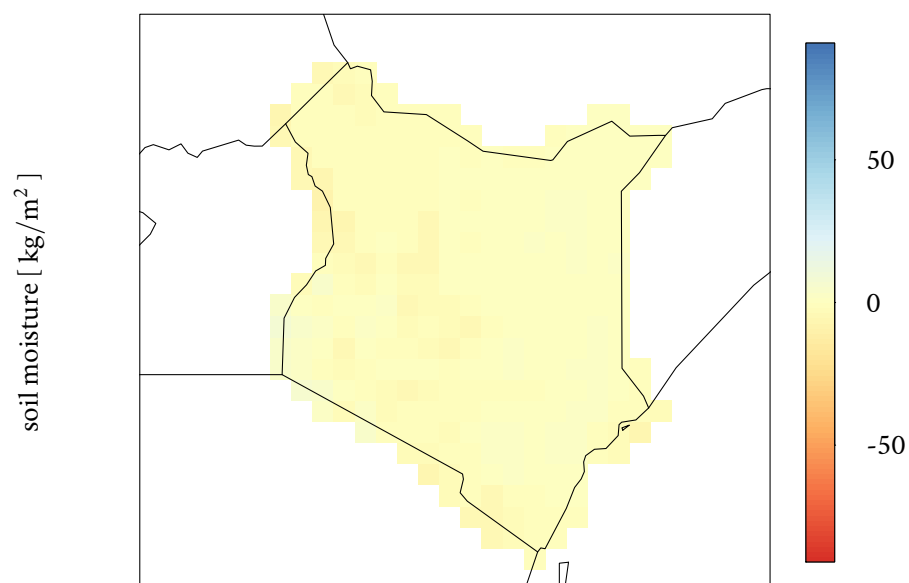


Figure 400: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.2 GCM CNRM-CERFACS-CNRM-CM5 / RCM CCLM4-8-17

Figure 401: Mean across years, RCP 8.5, 2020 .. 2049

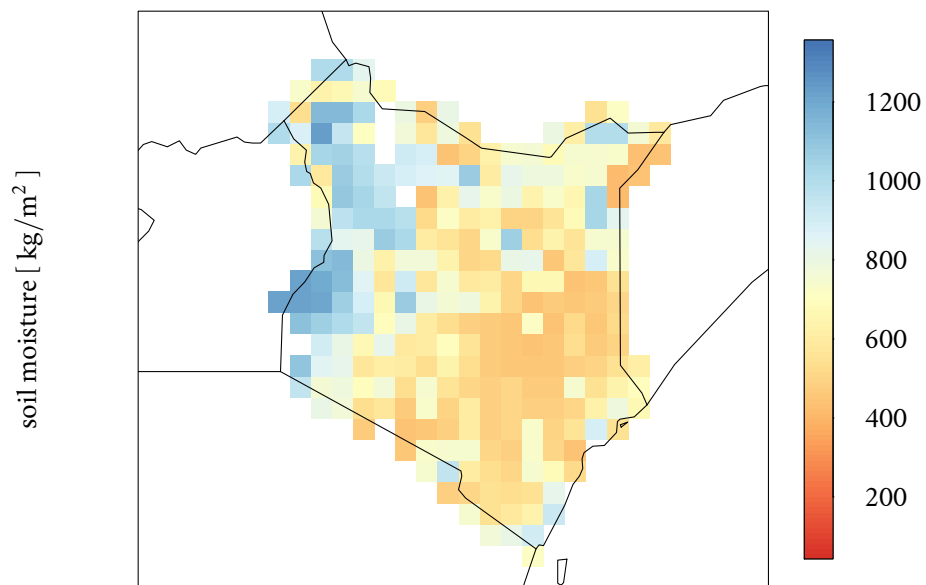


Figure 402: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

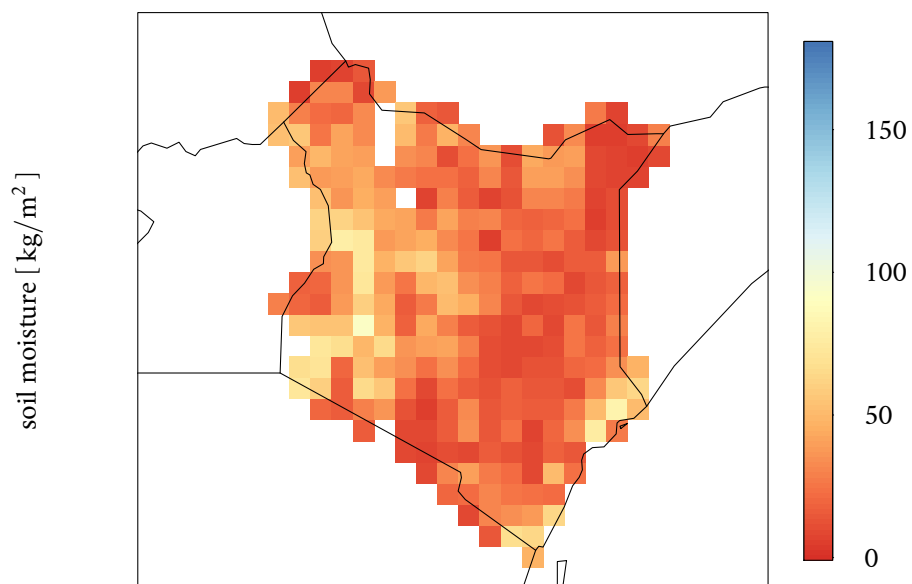


Figure 403: Mean across years, RCP 8.5, 2060 .. 2089

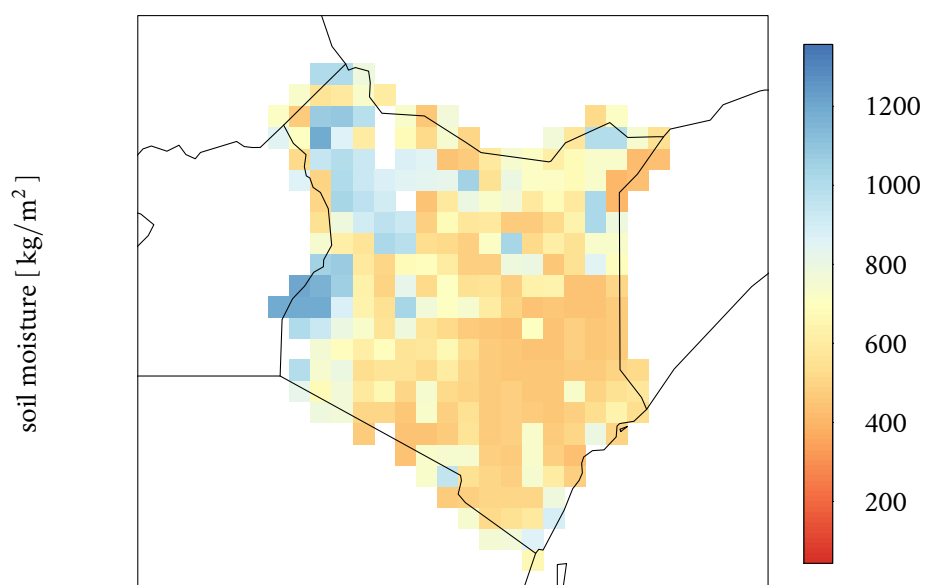


Figure 404: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

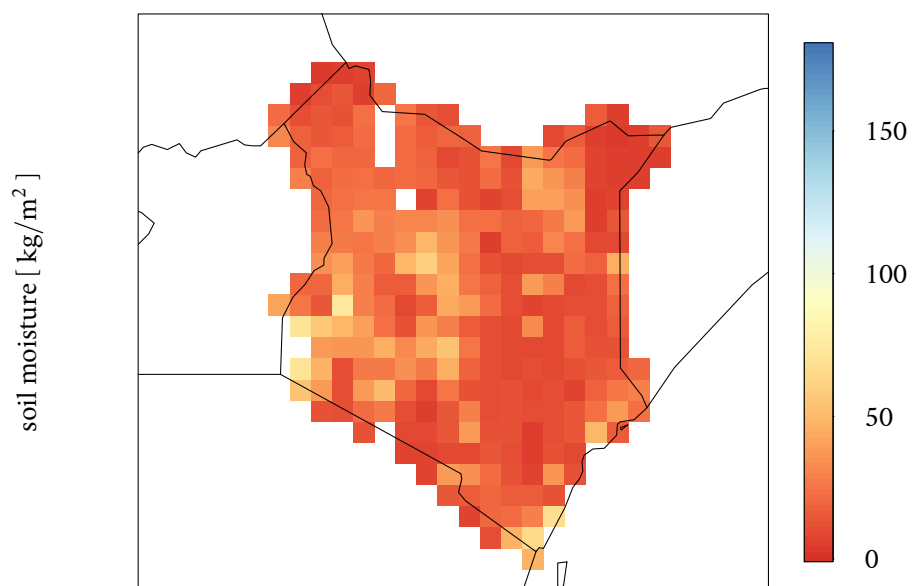
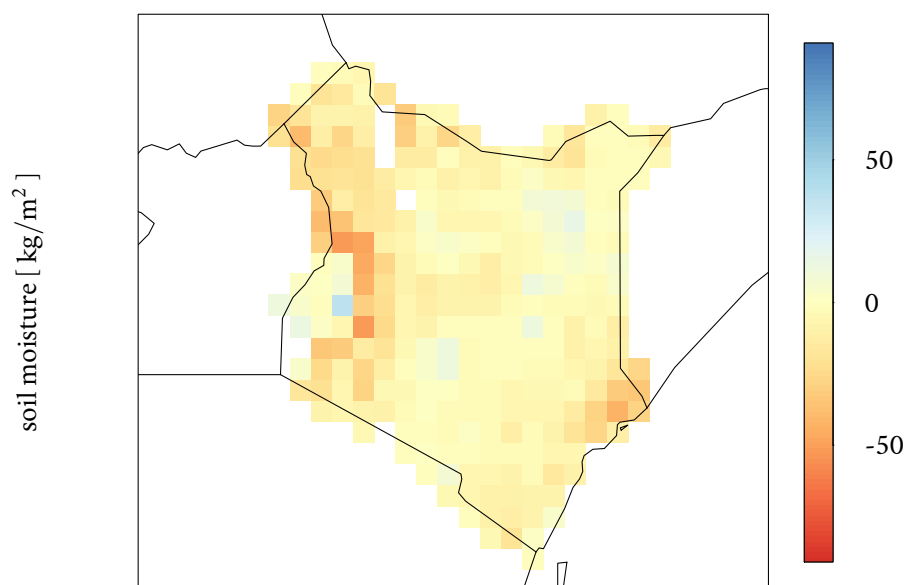


Figure 405: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.3 GCM CNRM-CERFACS-CNRM-CM5 / RCM RCA4

Figure 406: Mean across years, RCP 8.5, 2020 .. 2049

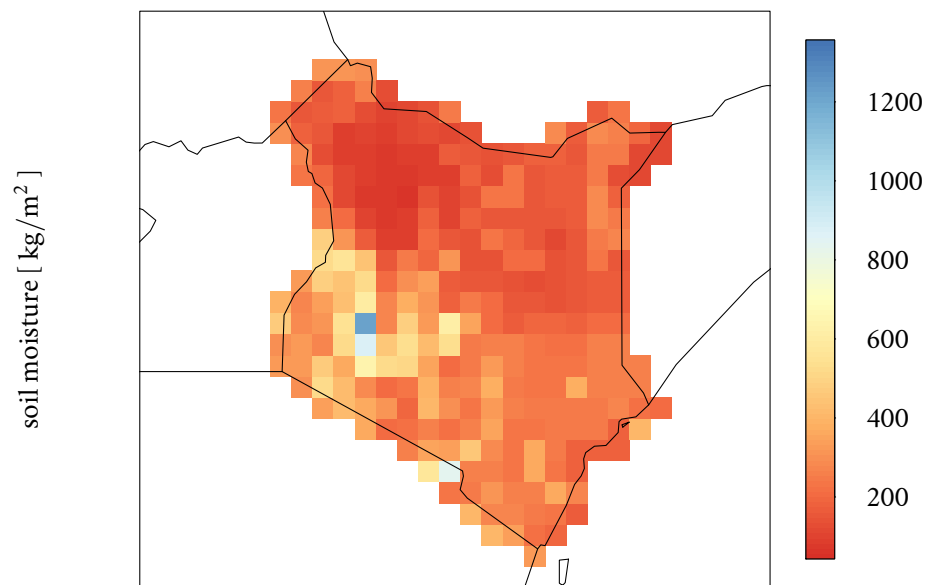


Figure 407: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

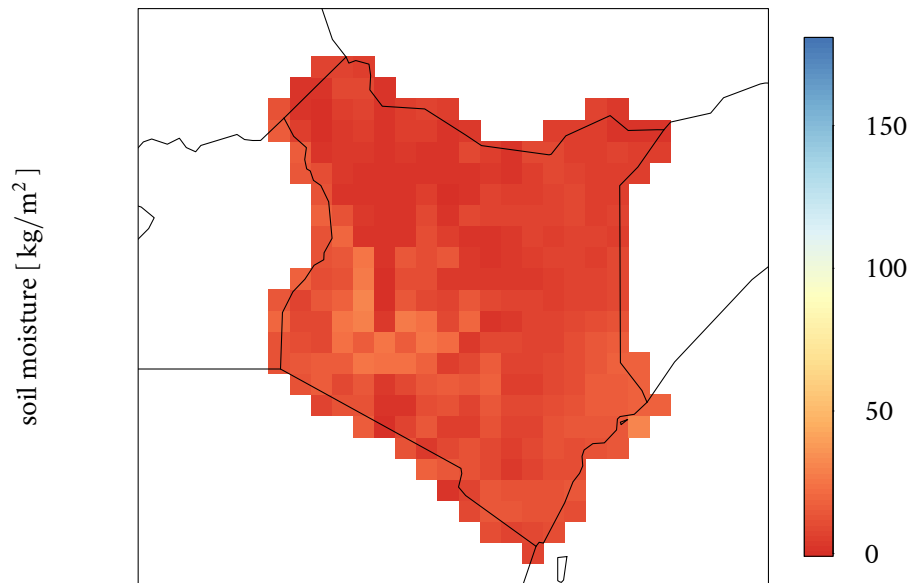


Figure 408: Mean across years, RCP 8.5, 2060 .. 2089

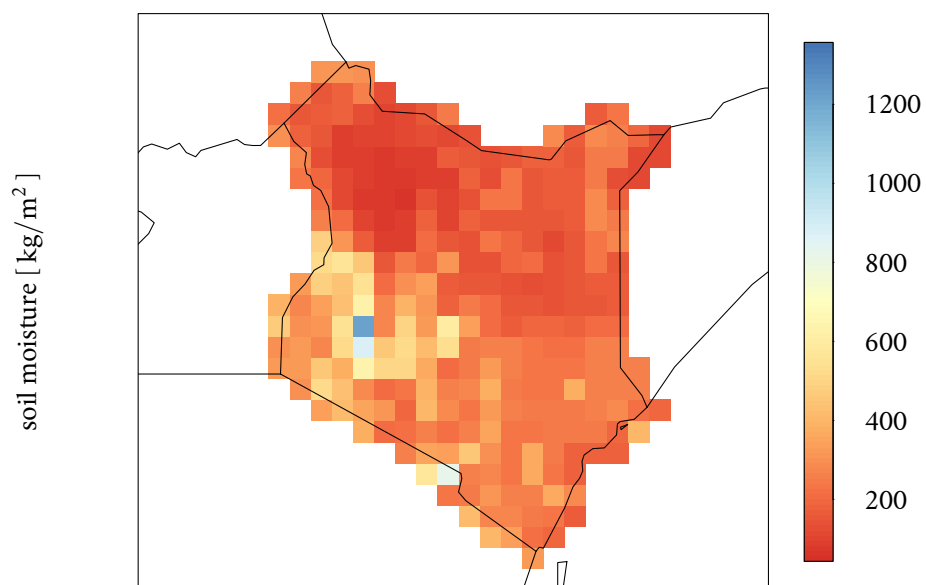


Figure 409: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

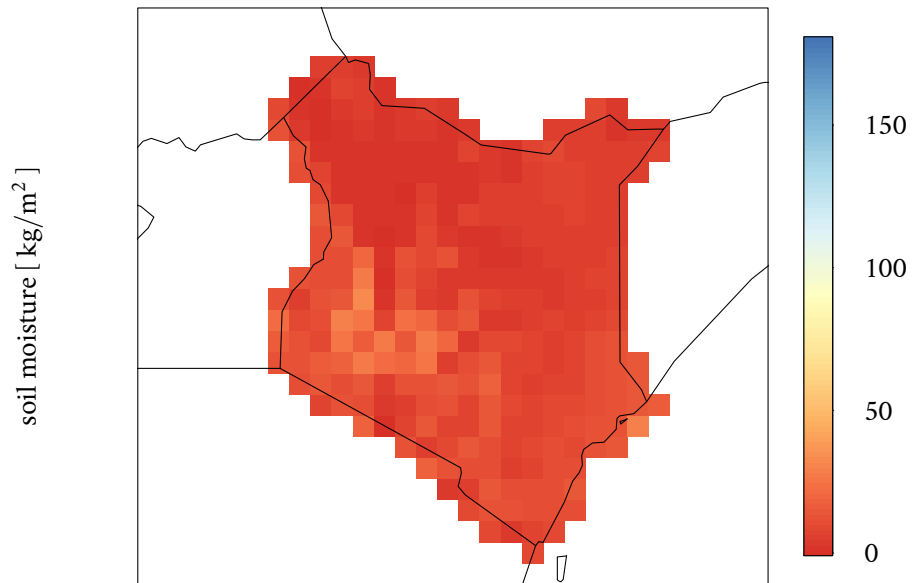
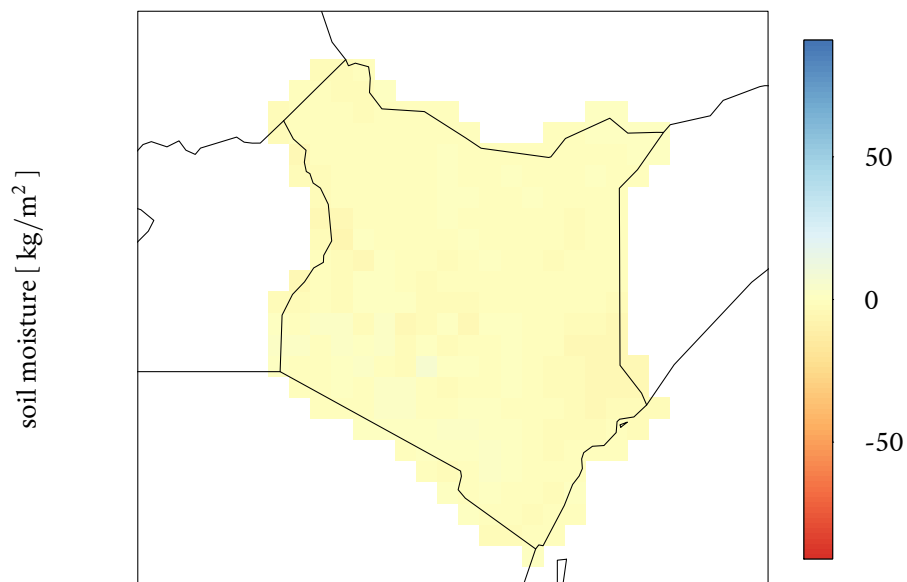


Figure 410: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.4 GCM CSIRO-QCCCE-CSIRO-Mk3-6-0 / RCM RCA4

Figure 411: Mean across years, RCP 8.5, 2020 .. 2049

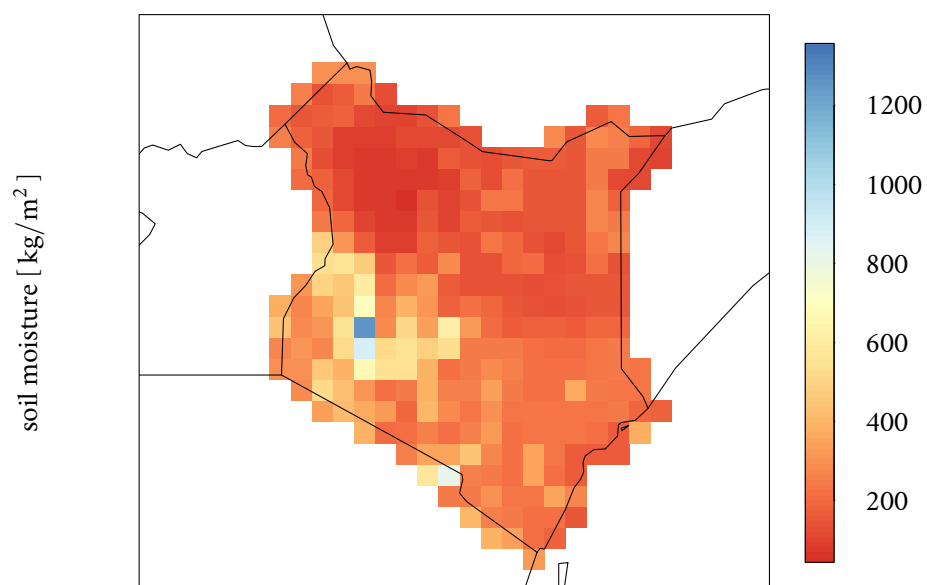


Figure 412: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

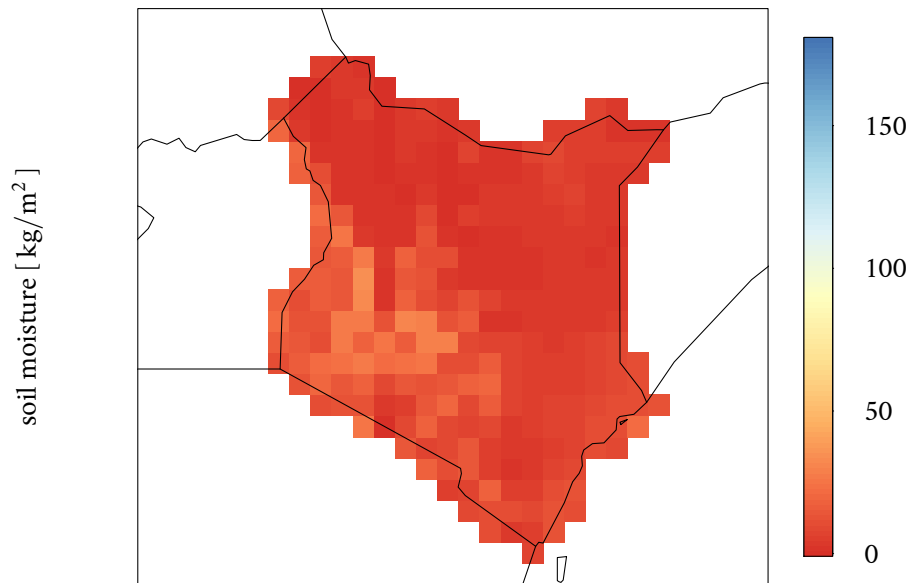


Figure 413: Mean across years, RCP 8.5, 2060 .. 2089

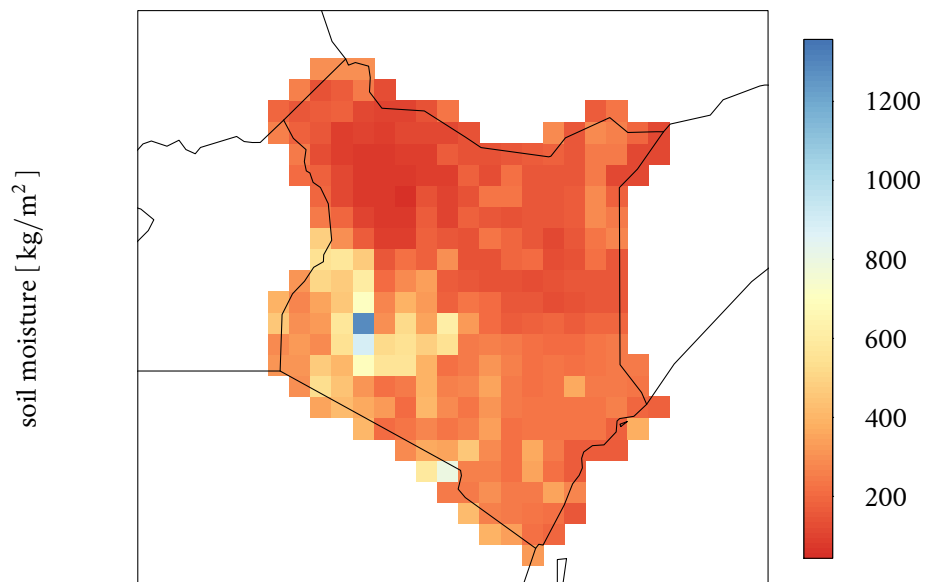


Figure 414: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

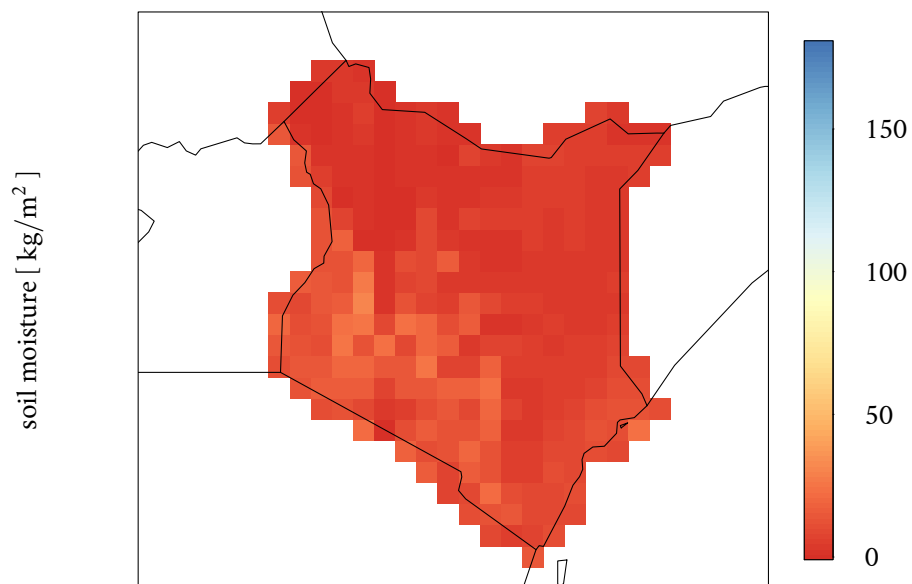
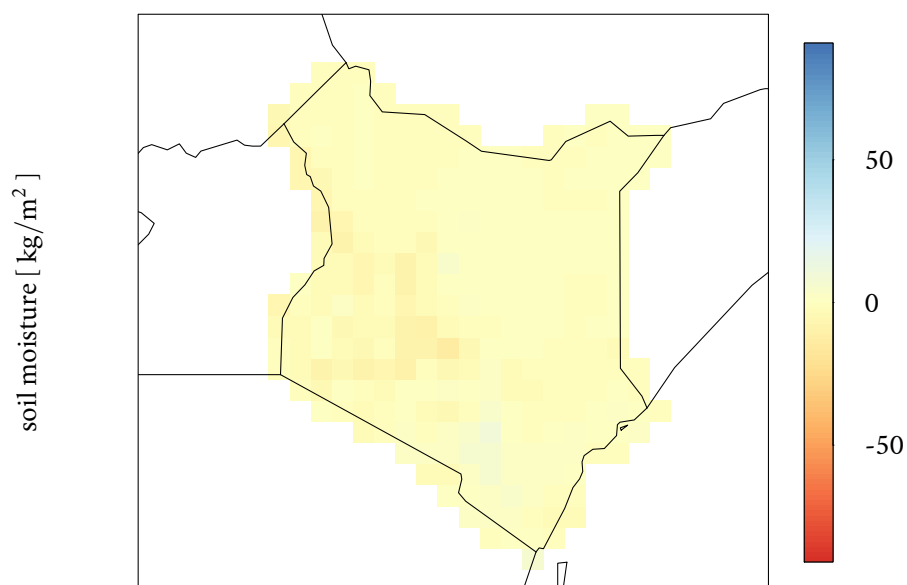


Figure 415: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.5 GCM ICHEC-EC-EARTH / RCM RACMO22T

Figure 416: Mean across years, RCP 8.5, 2020 .. 2049

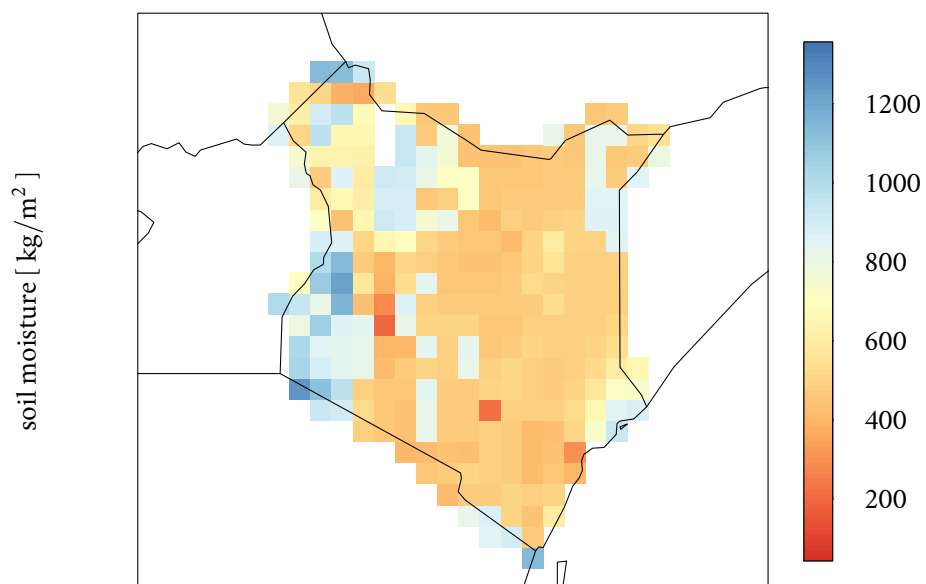


Figure 417: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

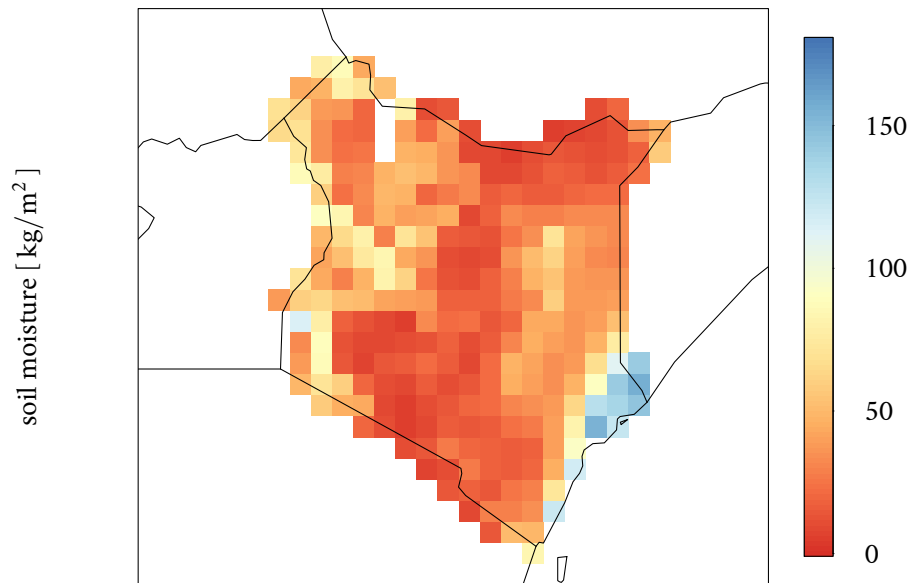


Figure 418: Mean across years, RCP 8.5, 2060 .. 2089

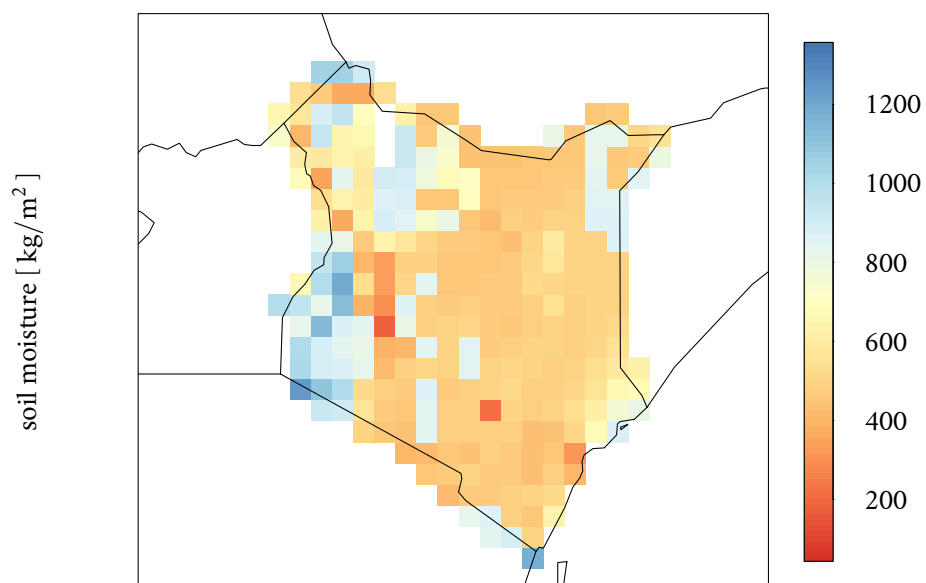


Figure 419: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

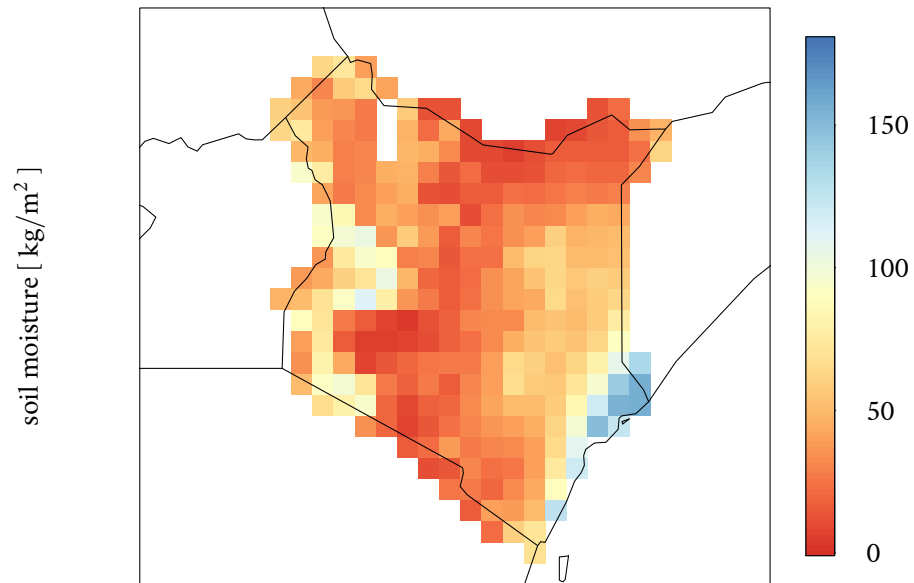
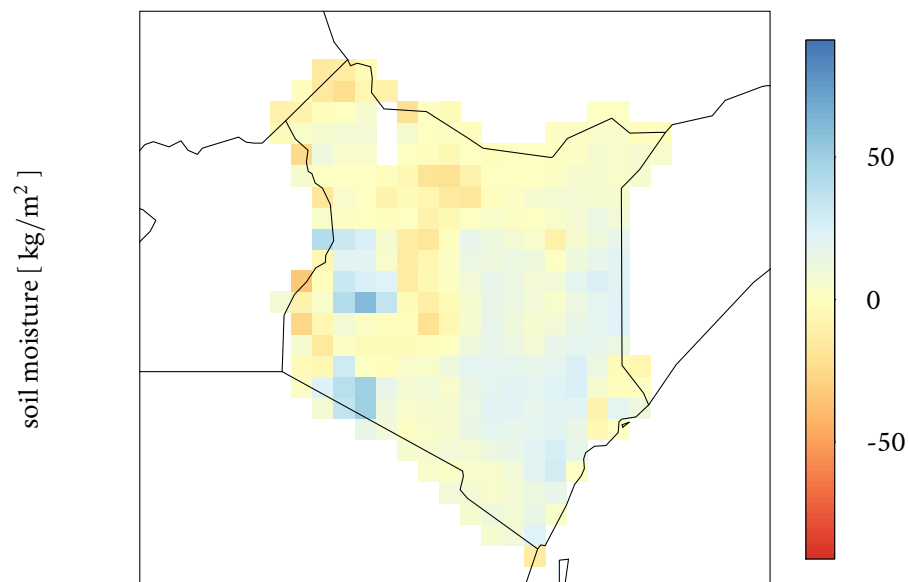


Figure 420: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.6 GCM ICHEC-EC-EARTH / RCM RCA4

Figure 421: Mean across years, RCP 8.5, 2020 .. 2049

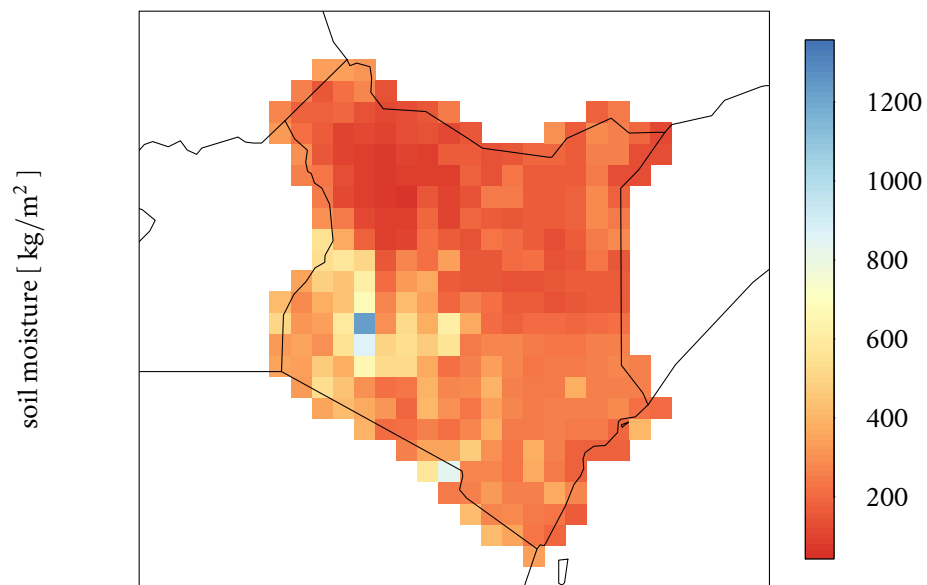


Figure 422: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

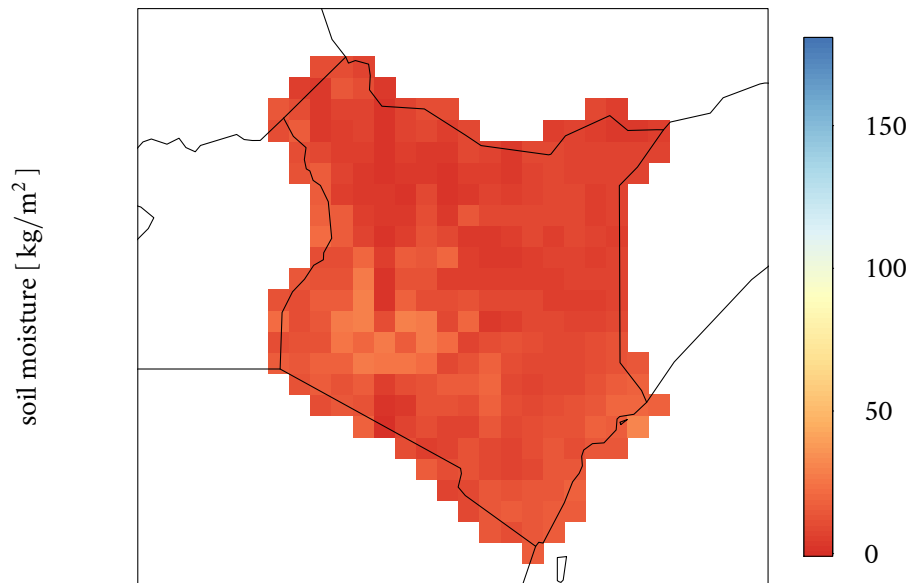


Figure 423: Mean across years, RCP 8.5, 2060 .. 2089

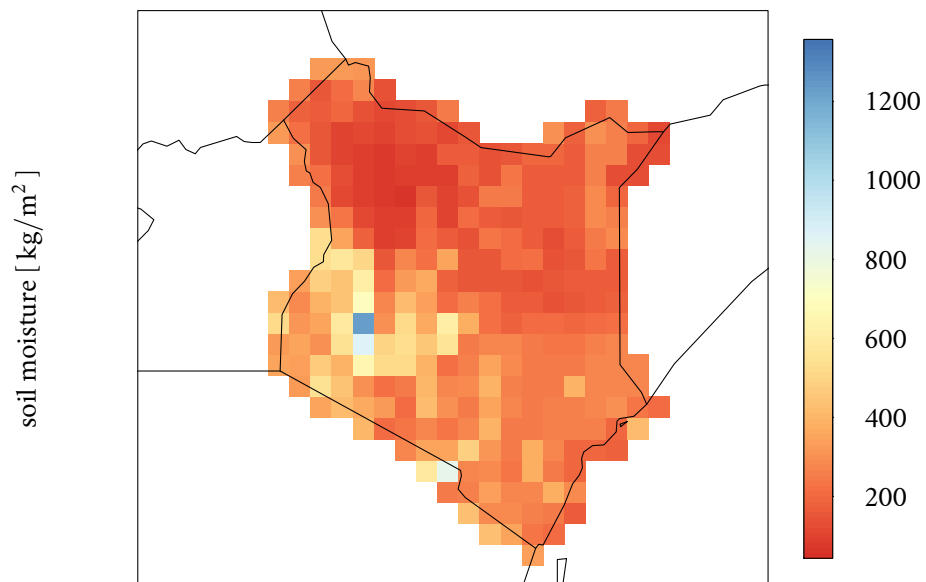


Figure 424: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

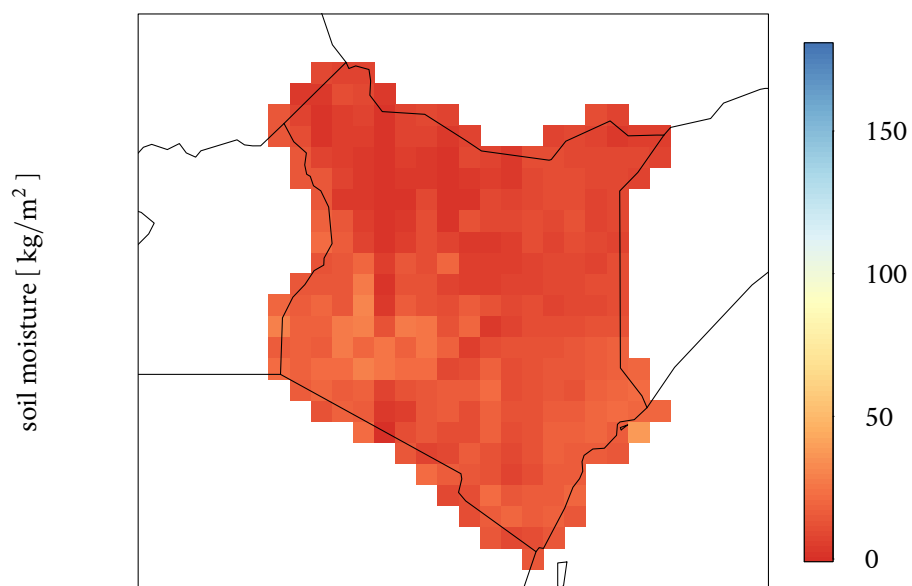
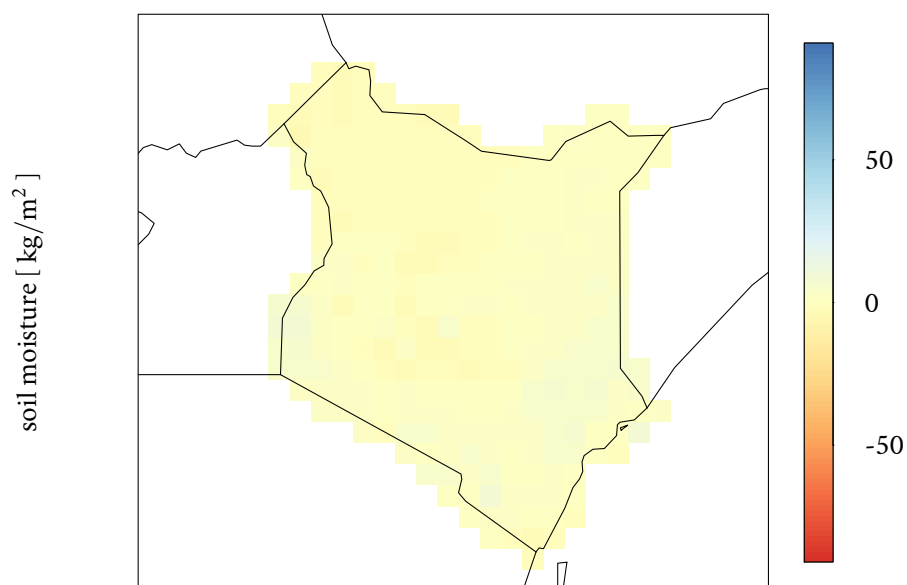


Figure 425: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.7 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 426: Mean across years, RCP 8.5, 2020 .. 2049

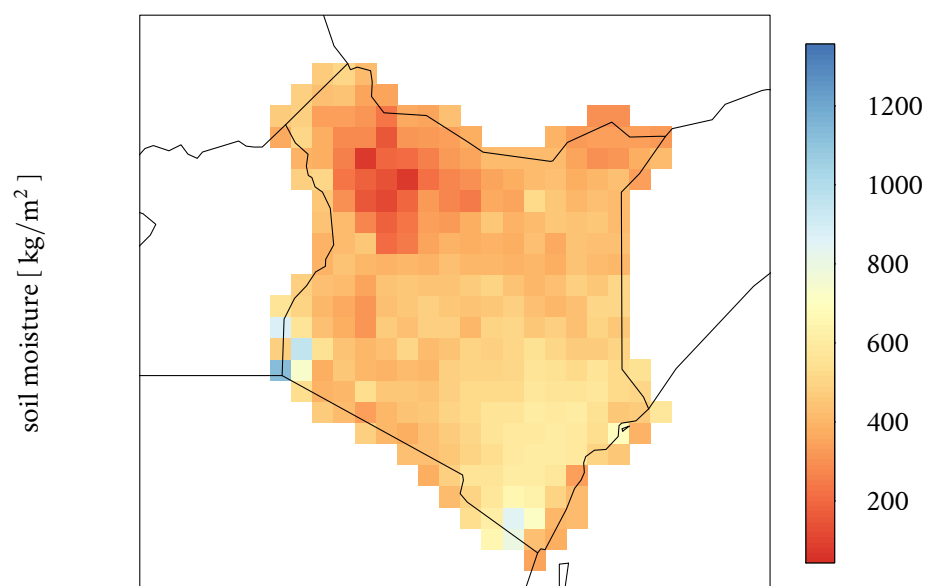


Figure 427: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

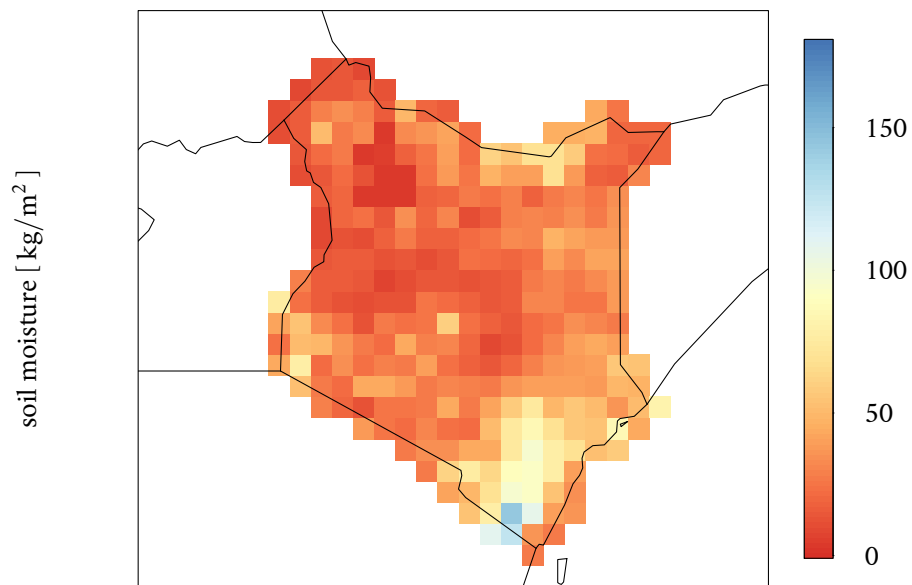


Figure 428: Mean across years, RCP 8.5, 2060 .. 2089

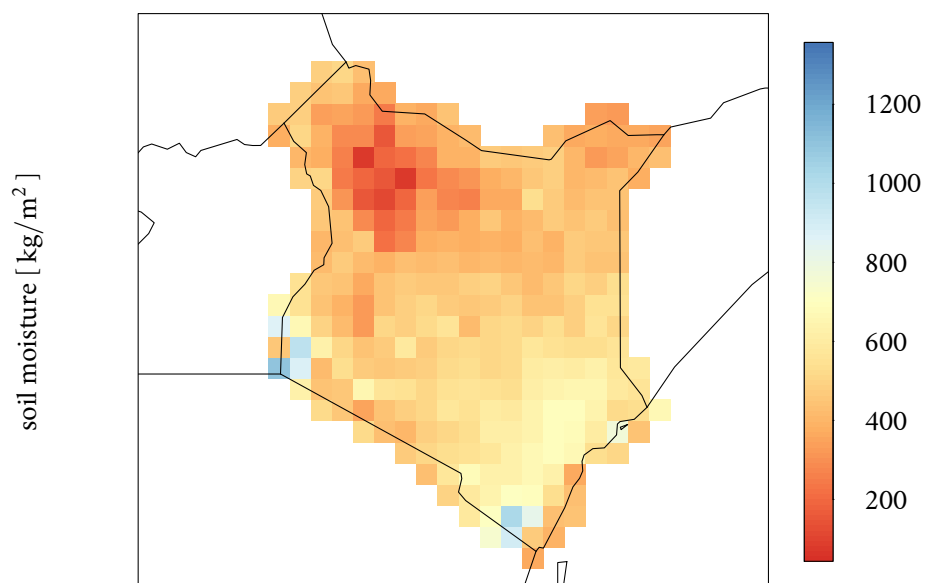


Figure 429: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

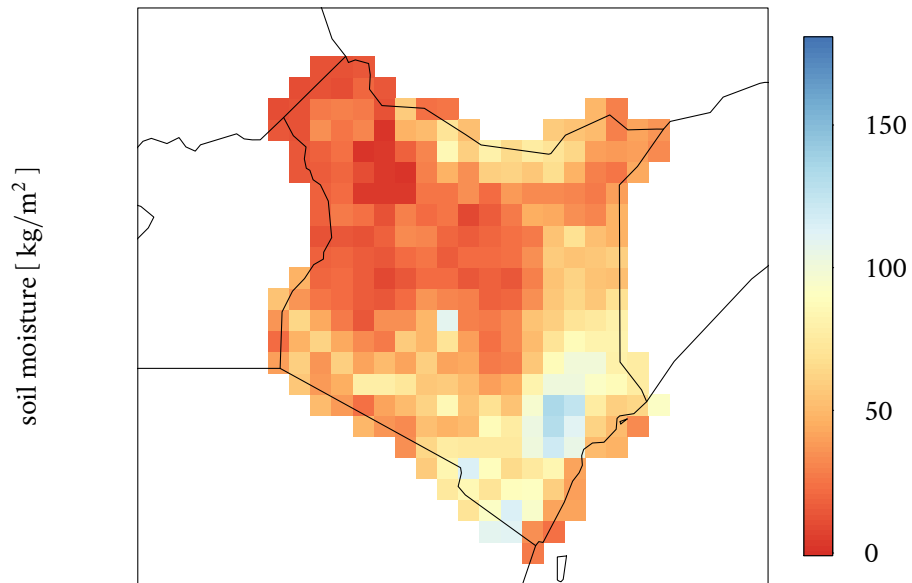
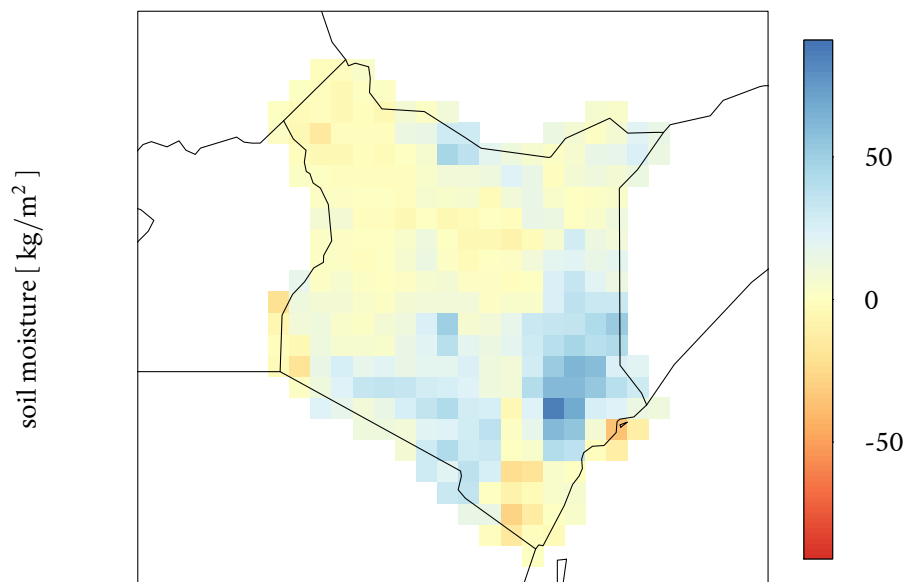


Figure 430: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.8 GCM IPSL-IPSL-CM5A-MR / RCM RCA4

Figure 431: Mean across years, RCP 8.5, 2020 .. 2049

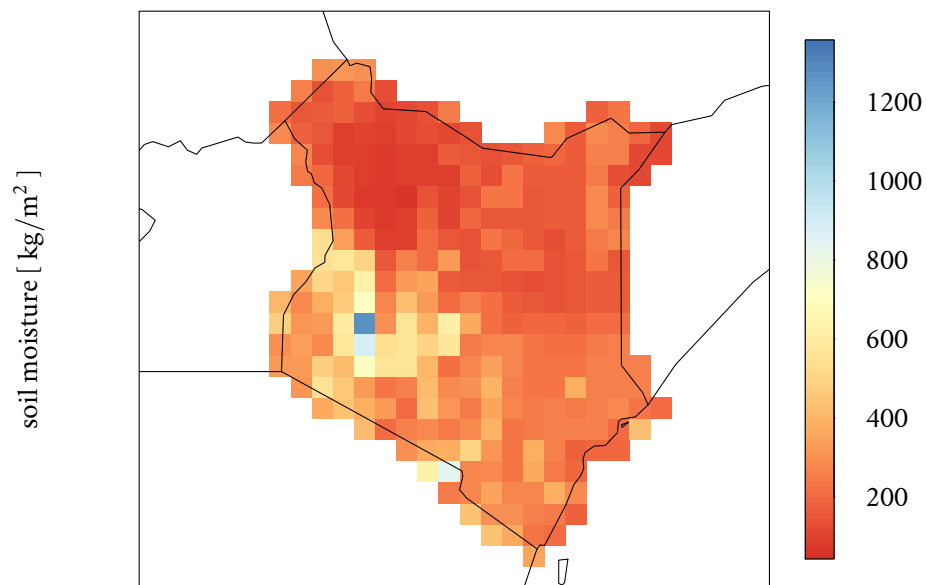


Figure 432: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

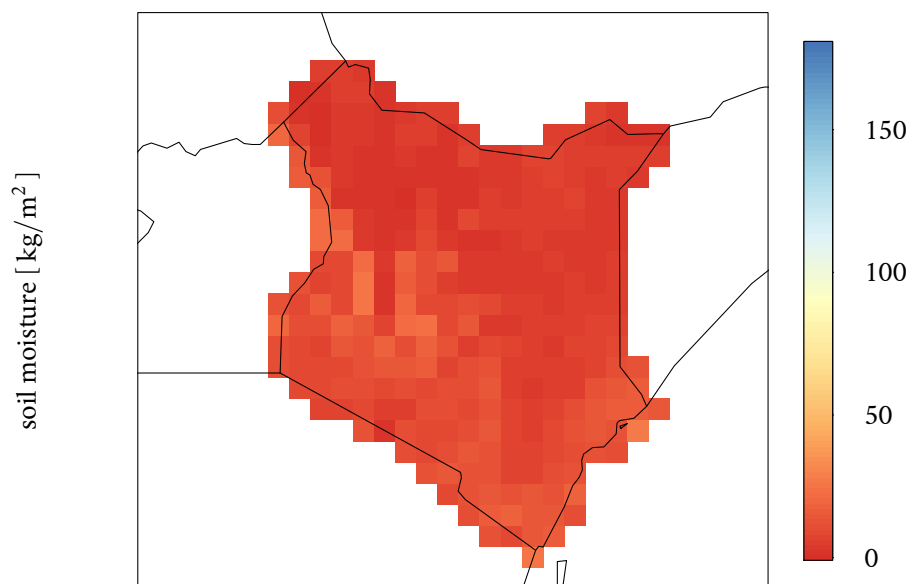


Figure 433: Mean across years, RCP 8.5, 2060 .. 2089

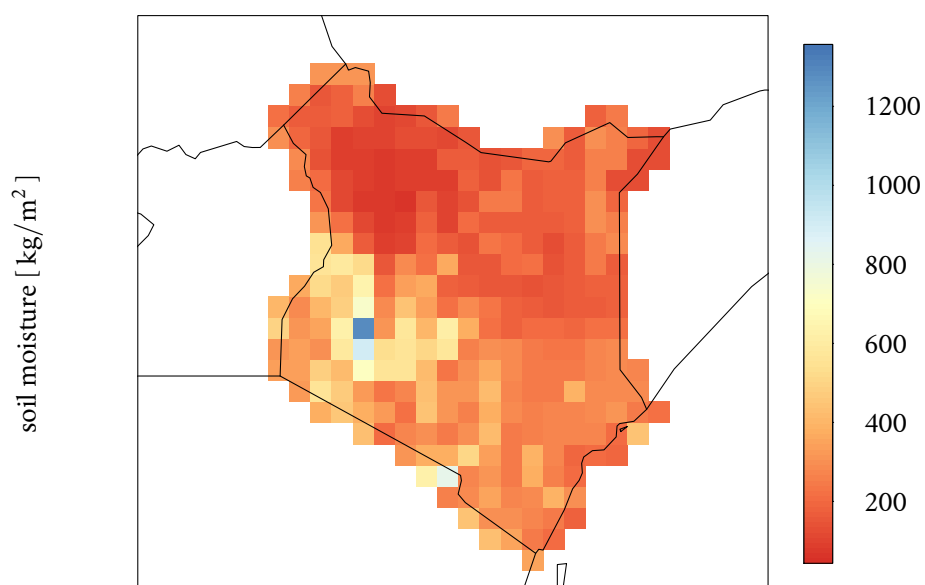


Figure 434: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

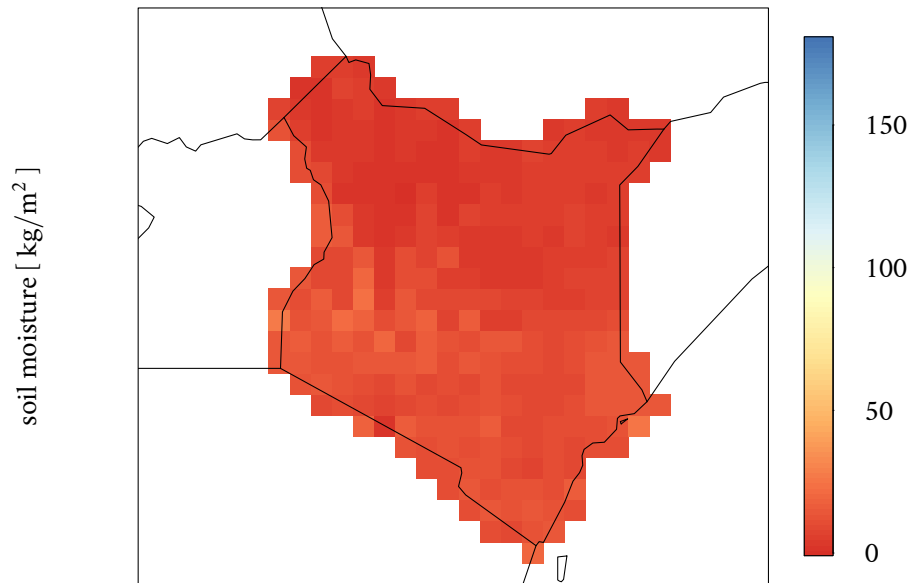
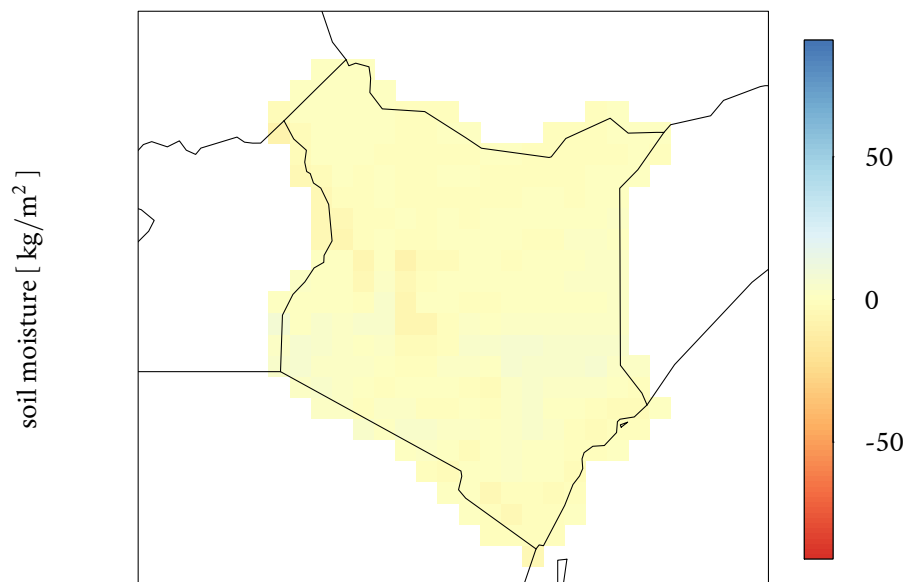


Figure 435: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.9 GCM MIROC-MIROC5 / RCM RCA4

Figure 436: Mean across years, RCP 8.5, 2020 .. 2049

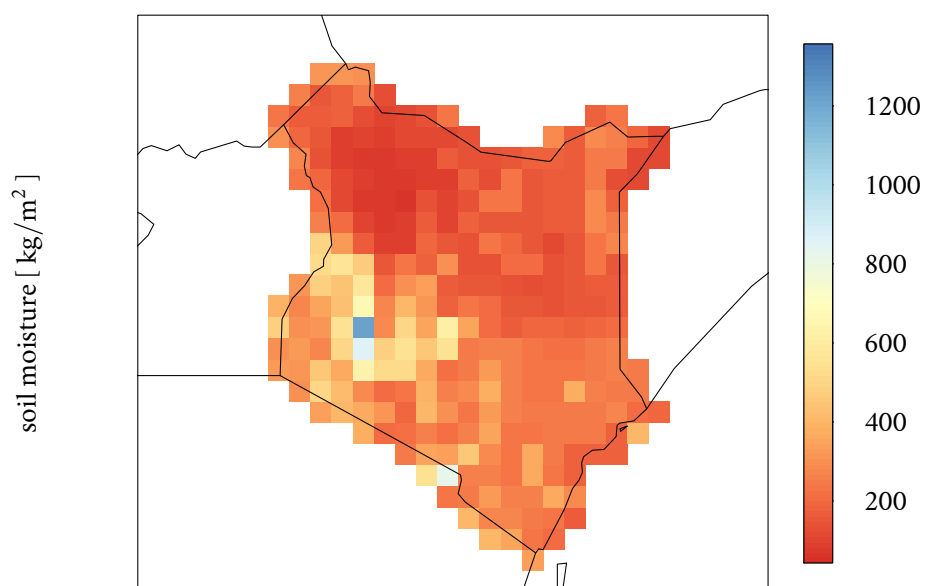


Figure 437: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

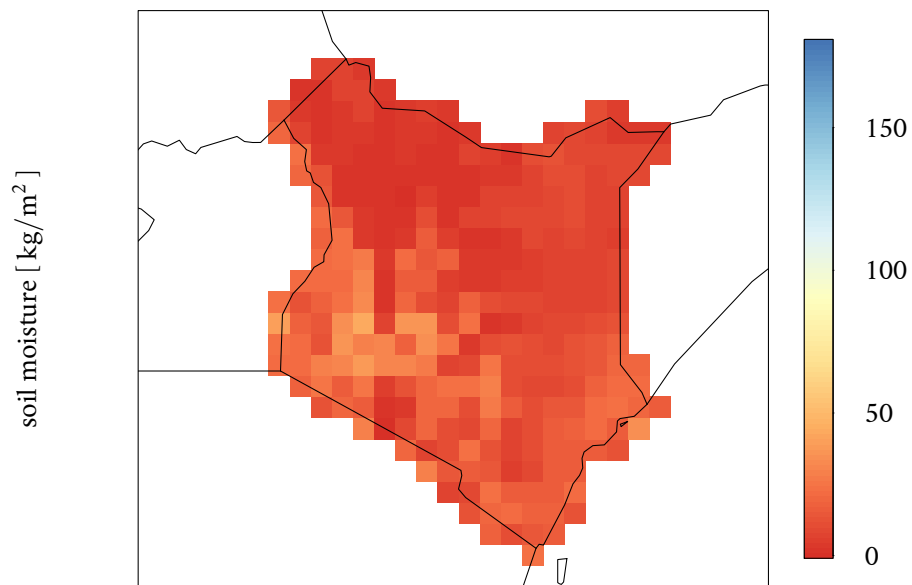


Figure 438: Mean across years, RCP 8.5, 2060 .. 2089

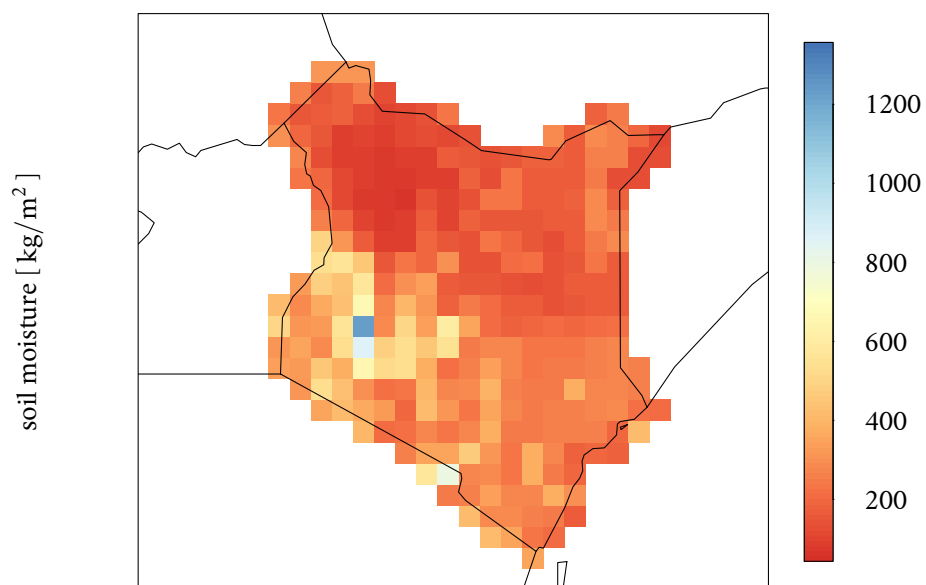


Figure 439: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

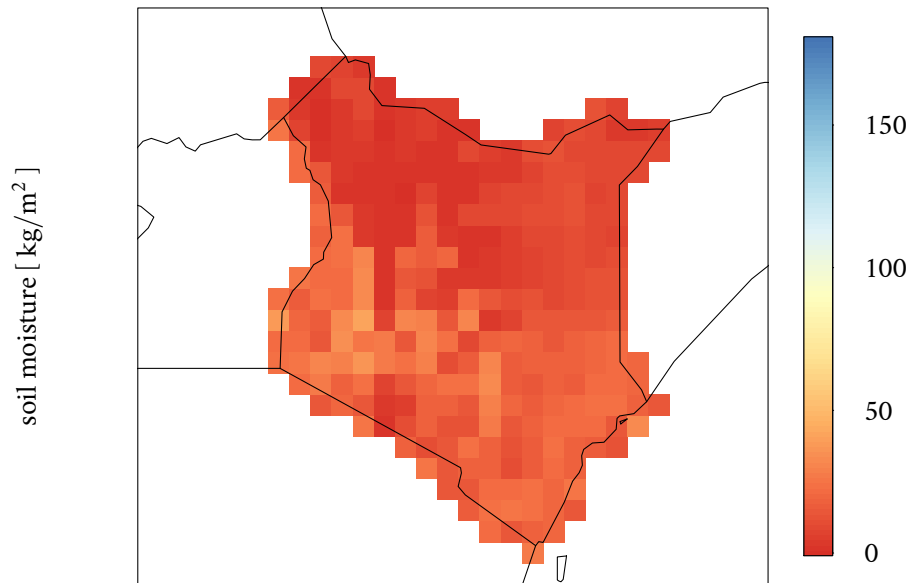
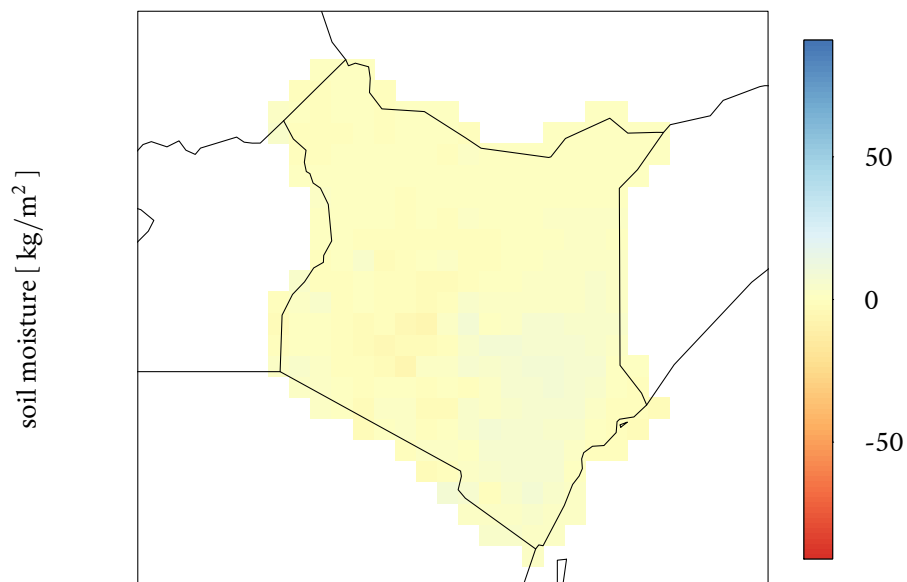


Figure 440: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.10 GCM MIROC-MIROC5 / RCM REMO2009

Figure 441: Mean across years, RCP 8.5, 2020 .. 2049

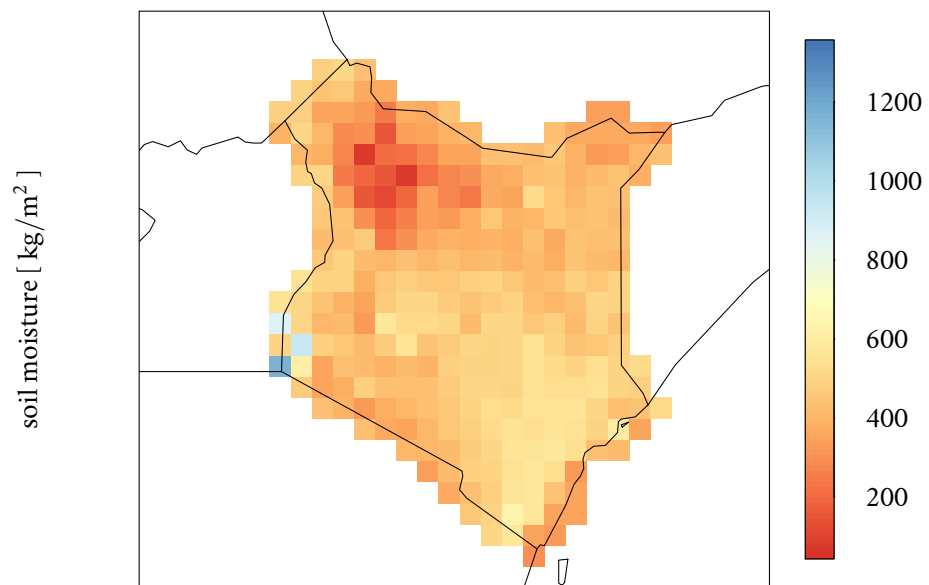


Figure 442: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

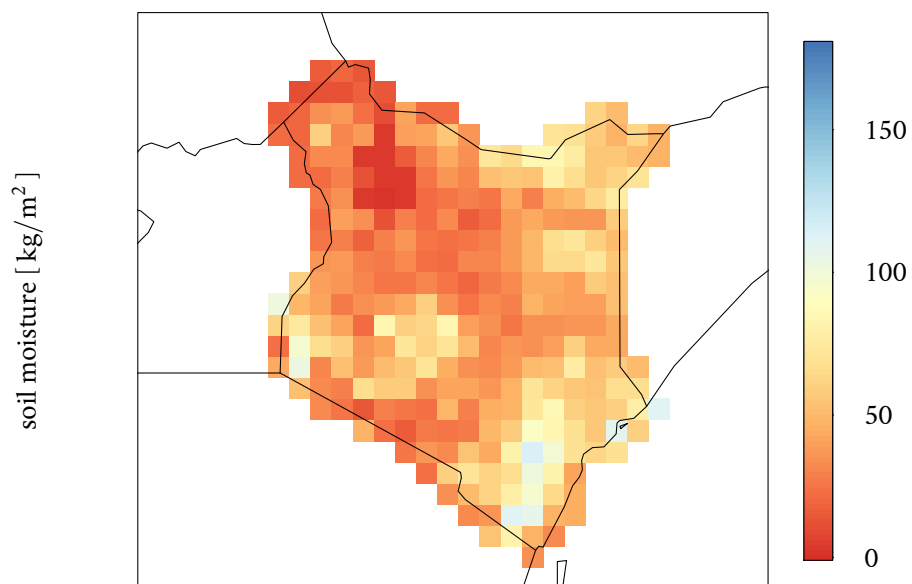


Figure 443: Mean across years, RCP 8.5, 2060 .. 2089

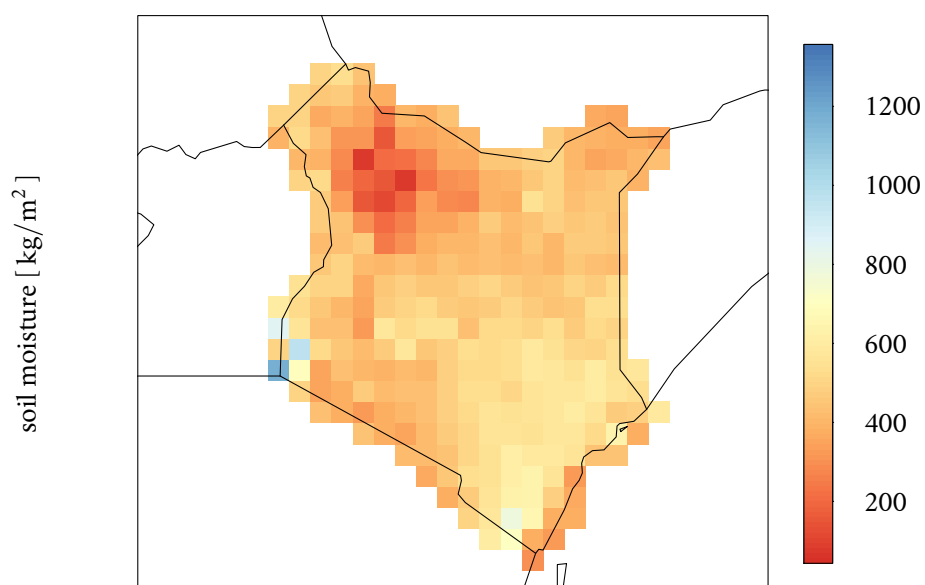


Figure 444: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

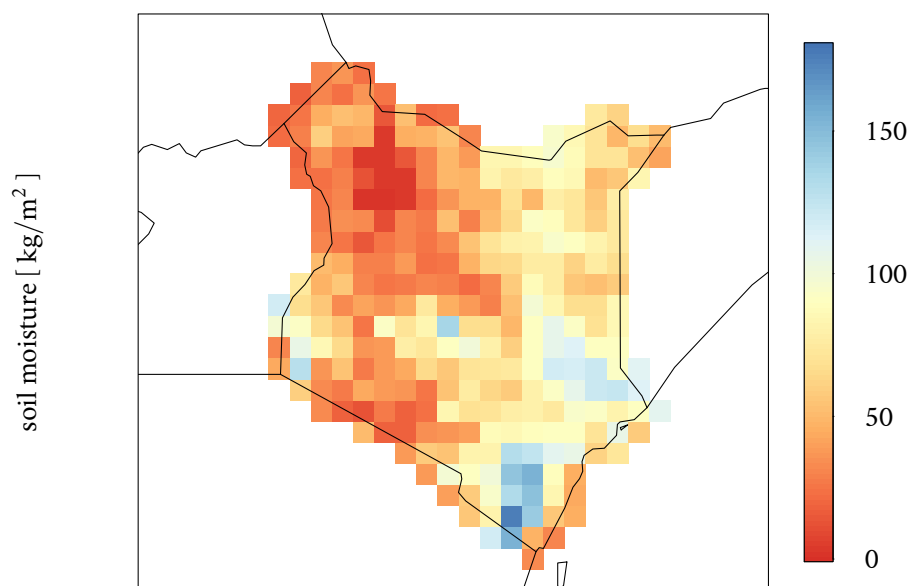
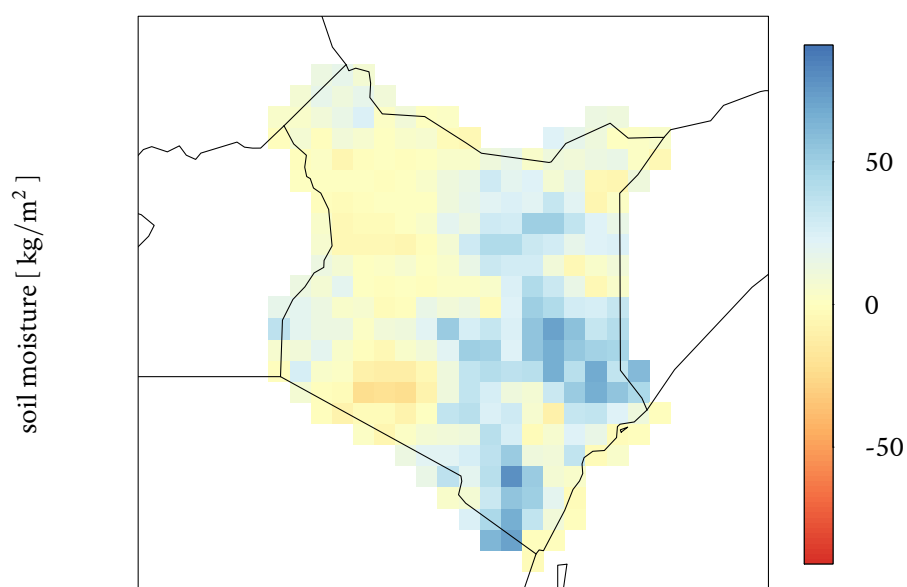


Figure 445: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.11 GCM MOHC-HadGEM2-ES / RCM CCLM4-8-17

The missing points are already missing in the original data.

Figure 446: Mean across years, RCP 8.5, 2020 .. 2049

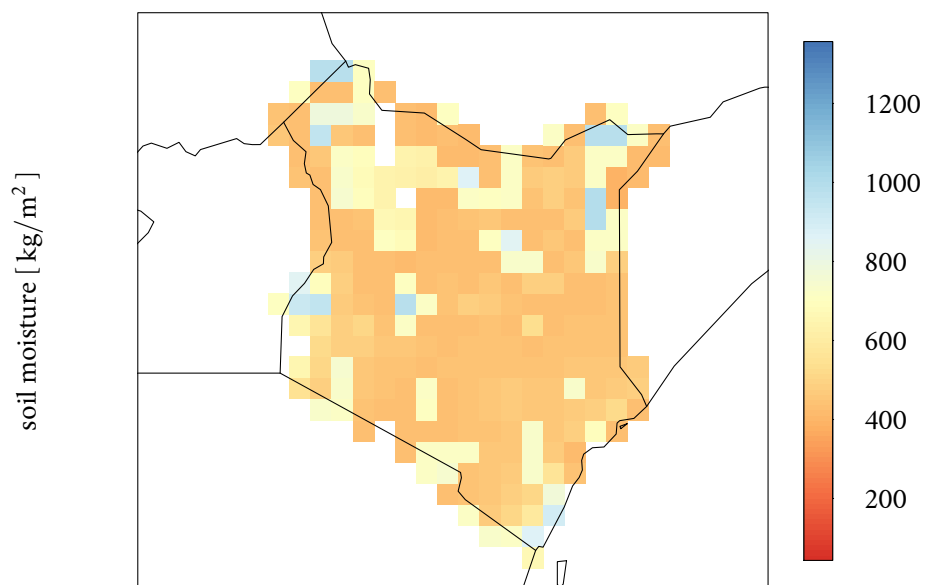


Figure 447: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

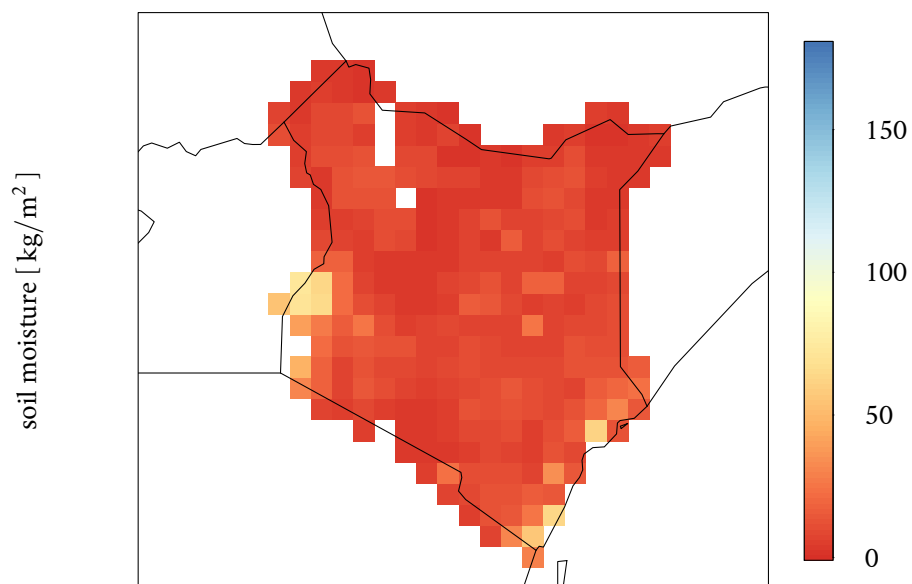


Figure 448: Mean across years, RCP 8.5, 2060 .. 2089

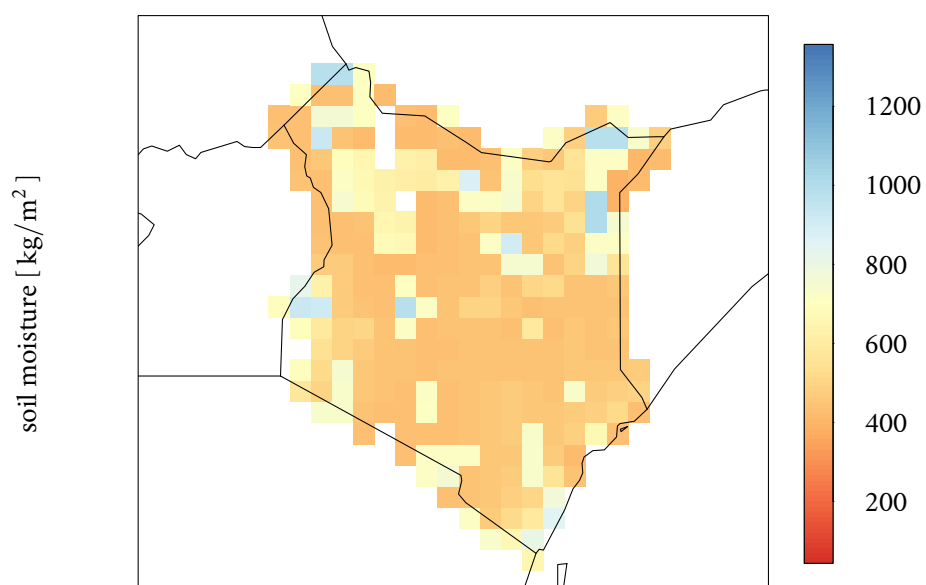


Figure 449: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

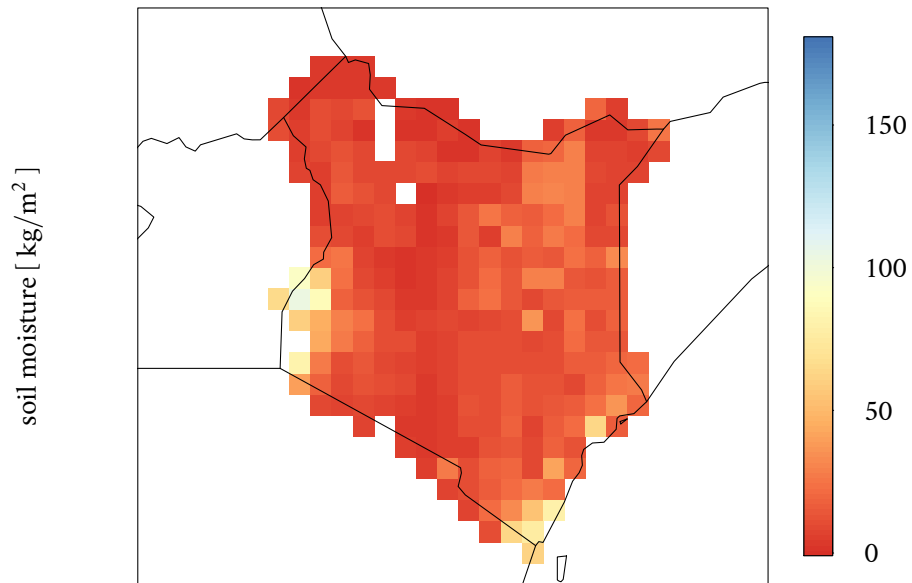
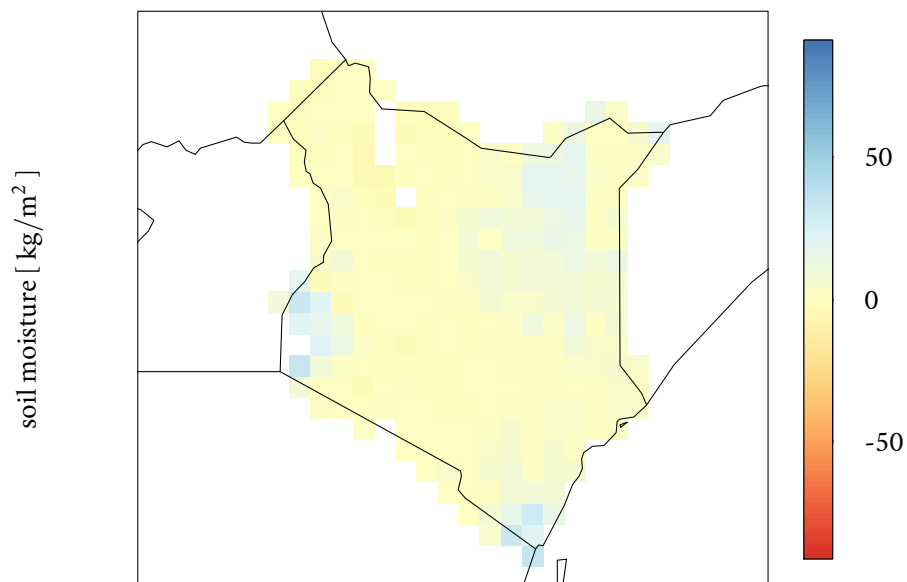


Figure 450: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.12 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 451: Mean across years, RCP 8.5, 2020 .. 2049

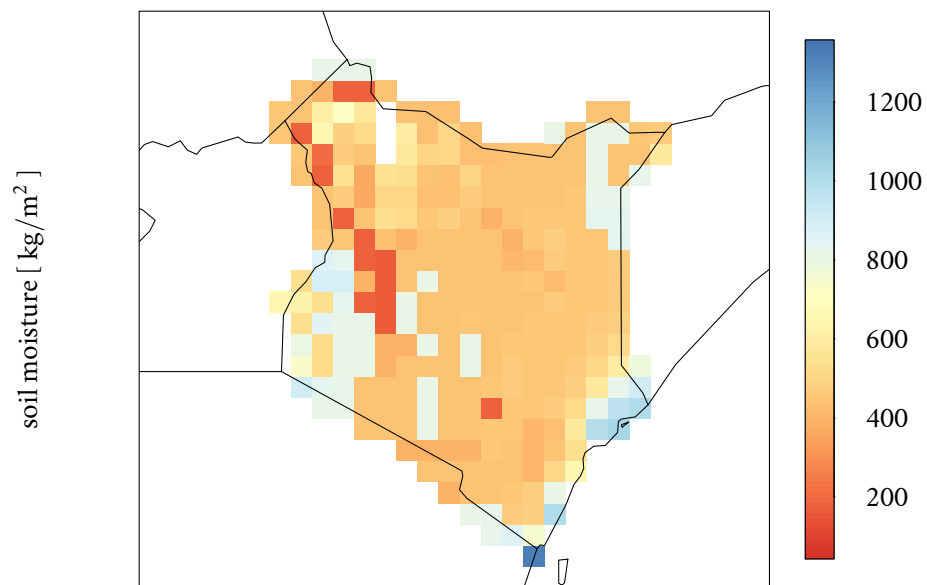


Figure 452: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

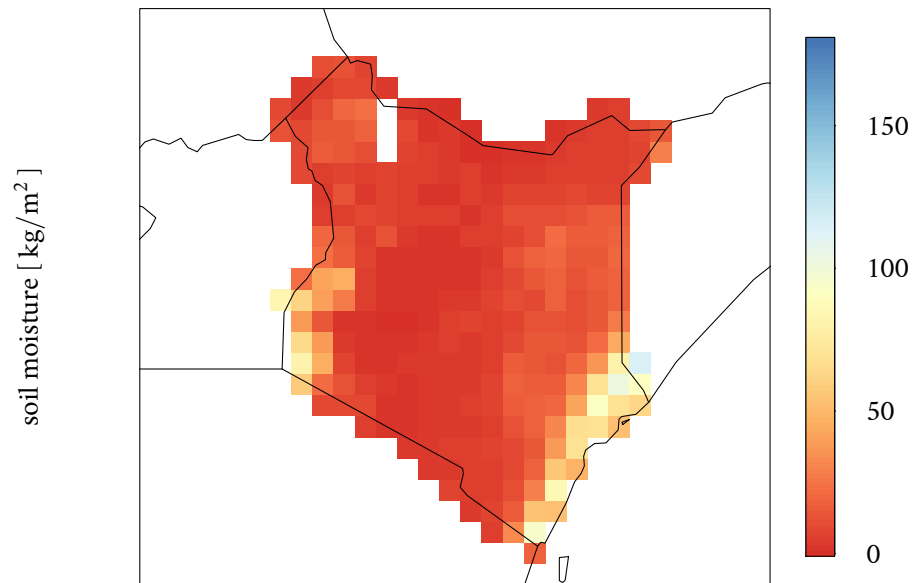


Figure 453: Mean across years, RCP 8.5, 2060 .. 2089

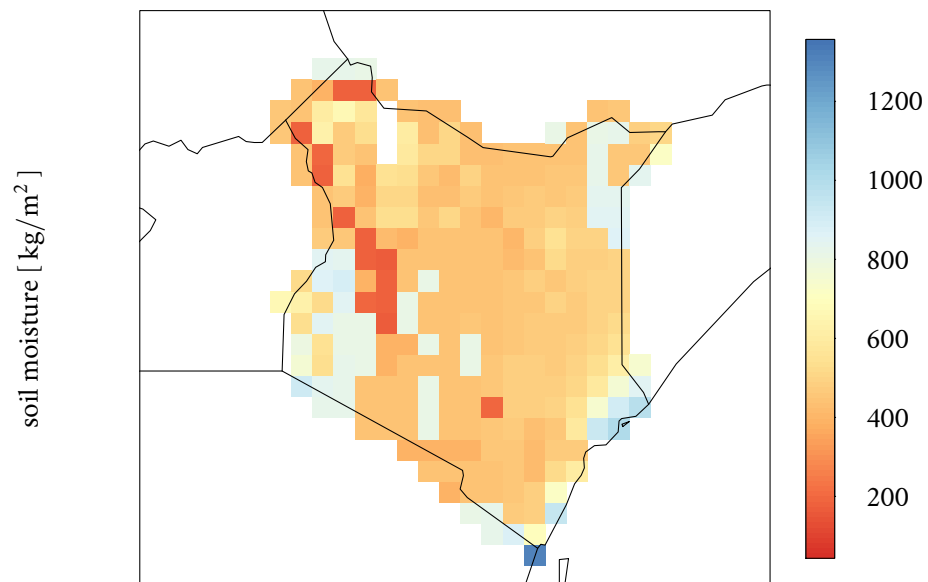


Figure 454: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

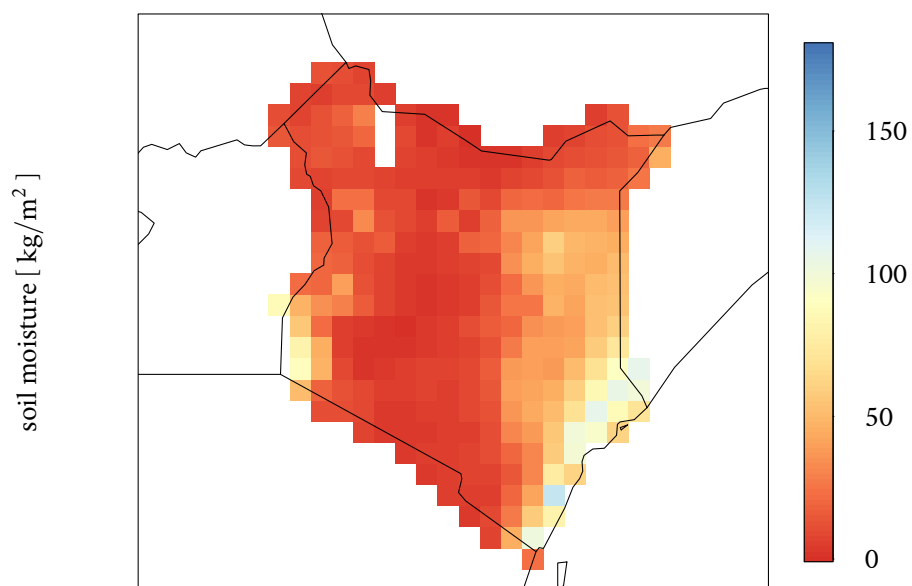
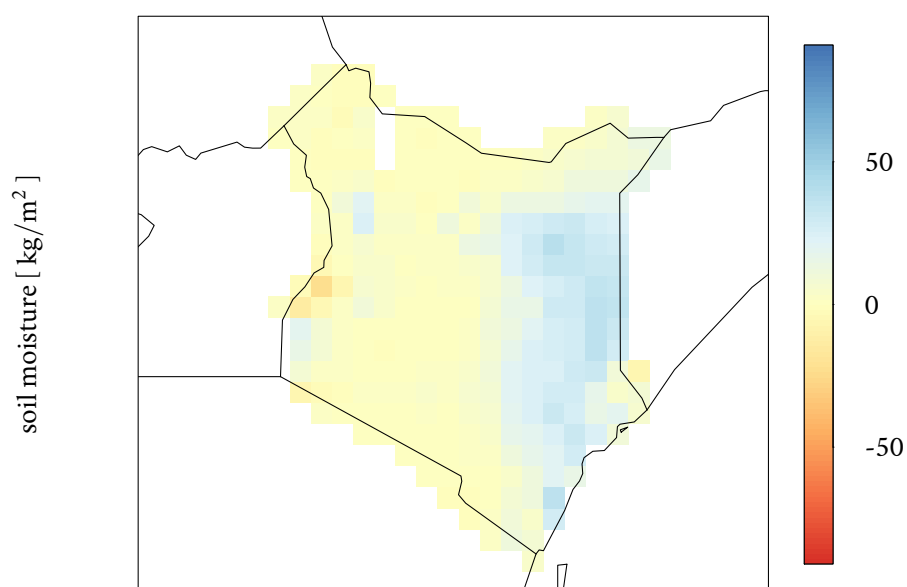


Figure 455: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.13 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 456: Mean across years, RCP 8.5, 2020 .. 2049

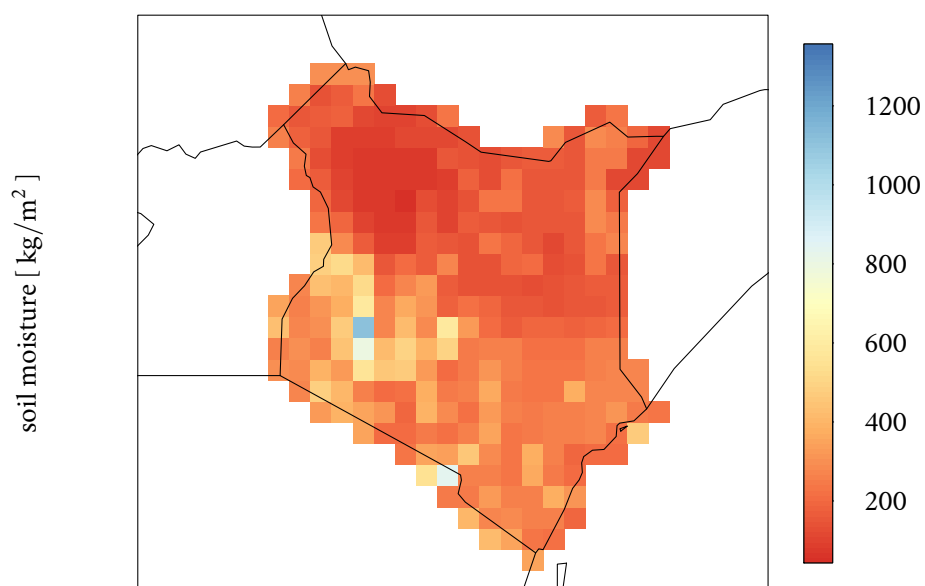


Figure 457: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

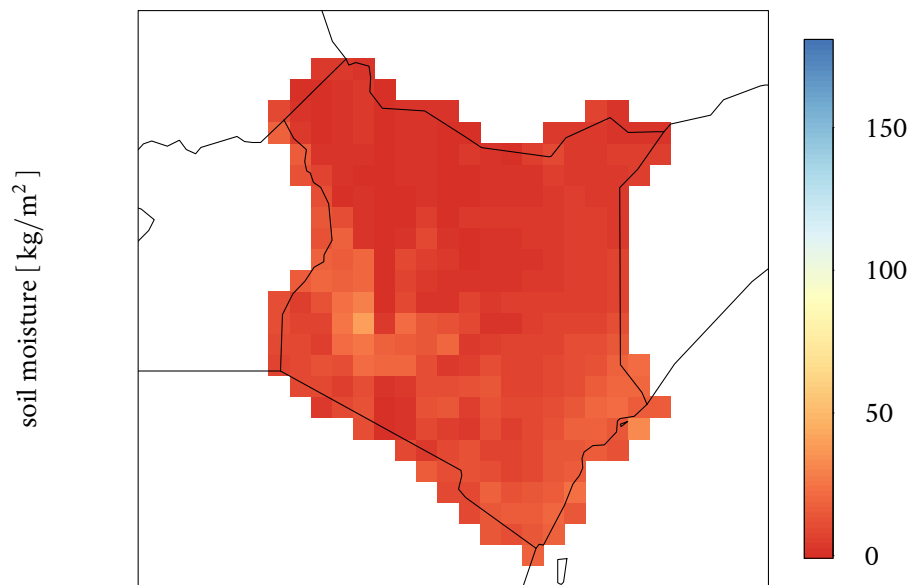


Figure 458: Mean across years, RCP 8.5, 2060 .. 2089

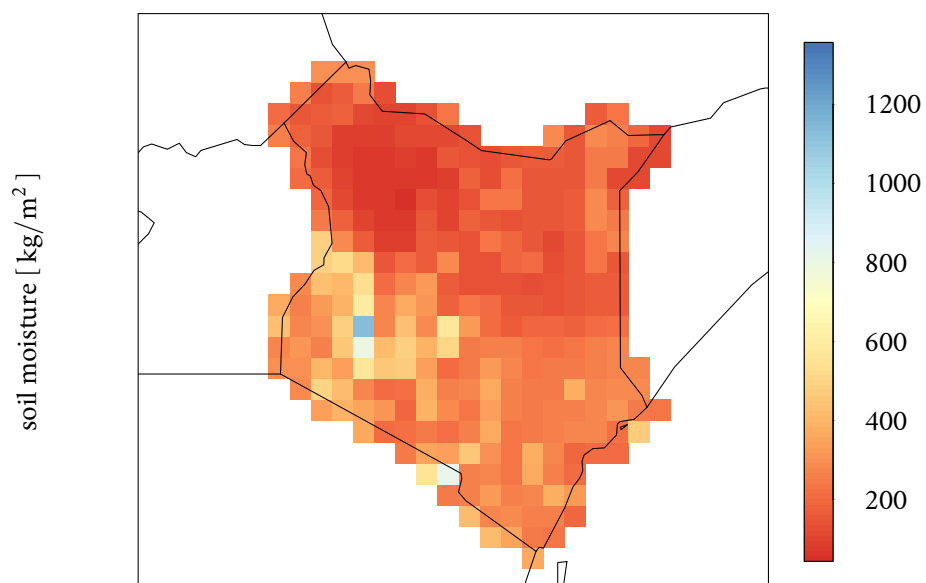


Figure 459: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

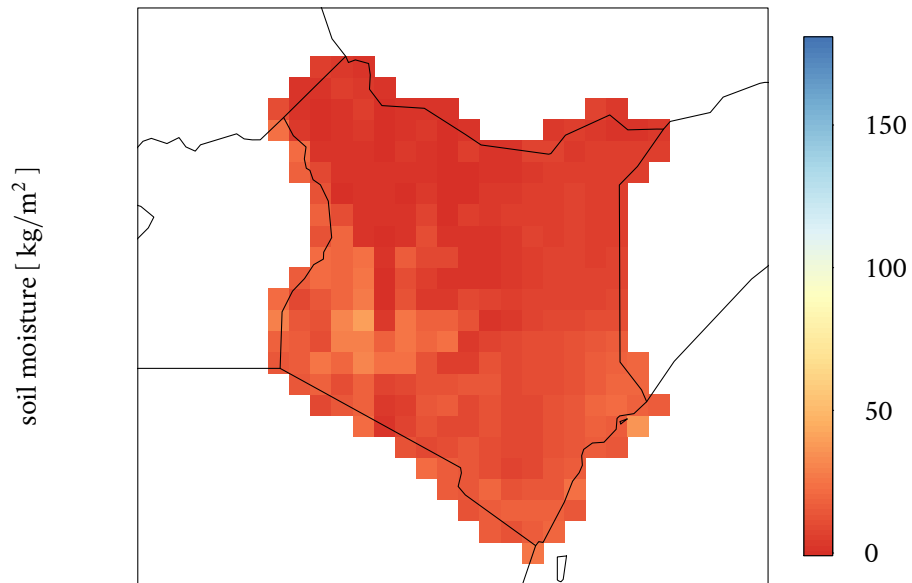
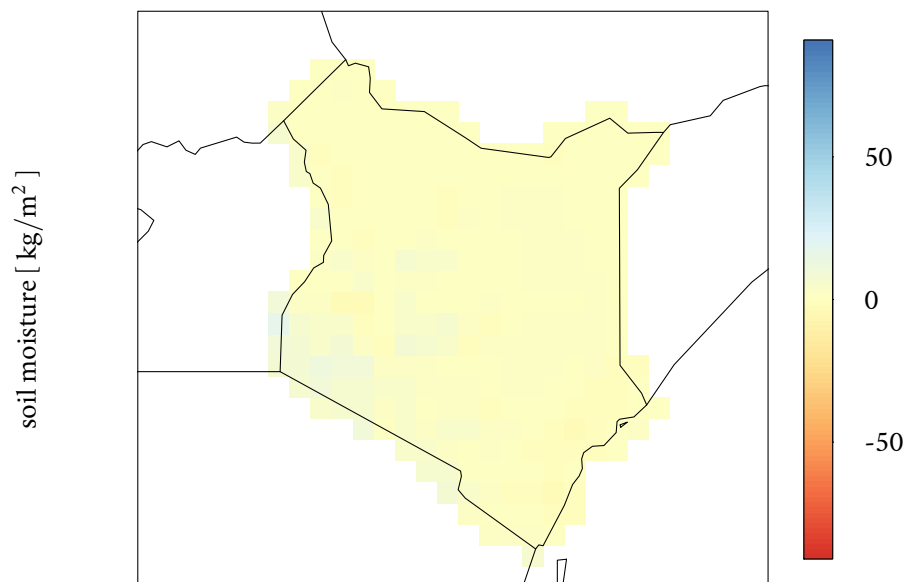


Figure 460: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.14 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 461: Mean across years, RCP 8.5, 2020 .. 2049

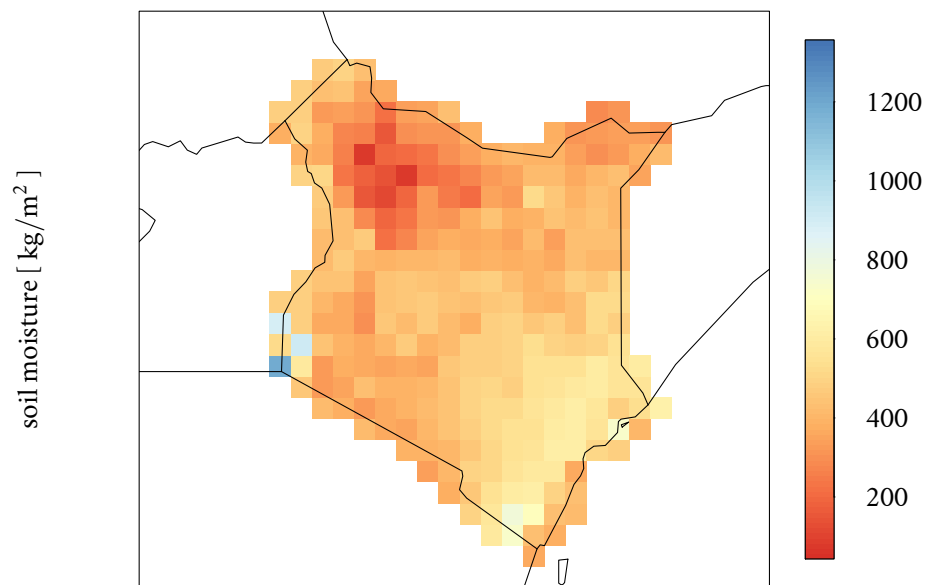


Figure 462: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

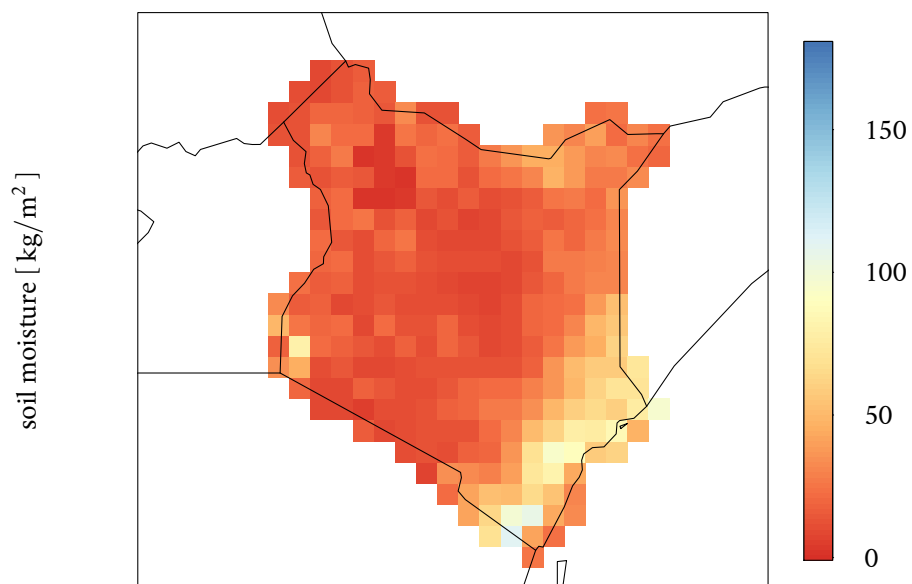


Figure 463: Mean across years, RCP 8.5, 2060 .. 2089

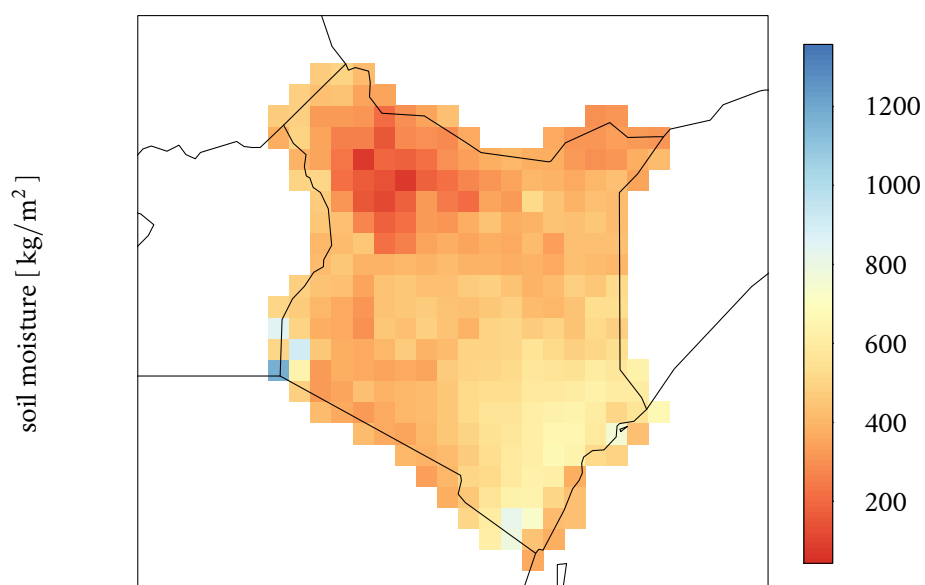


Figure 464: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

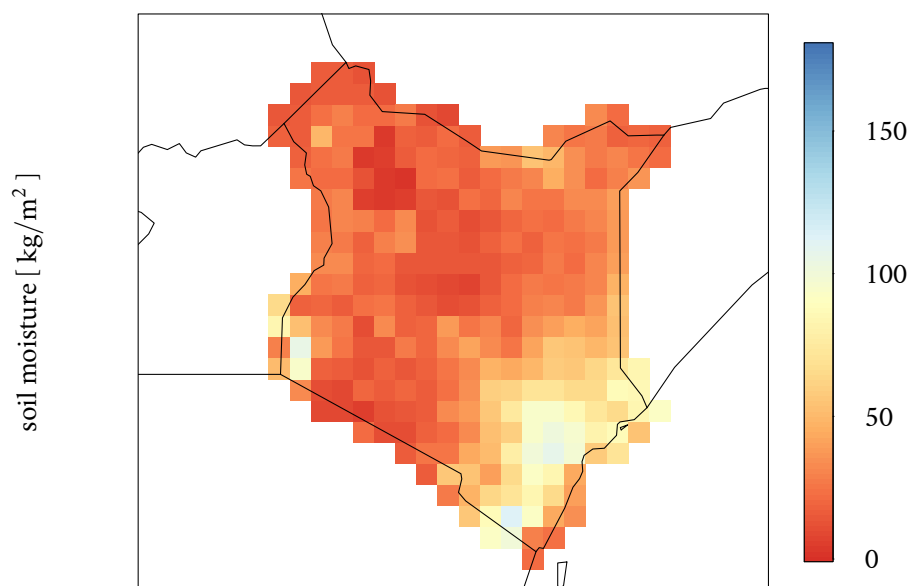
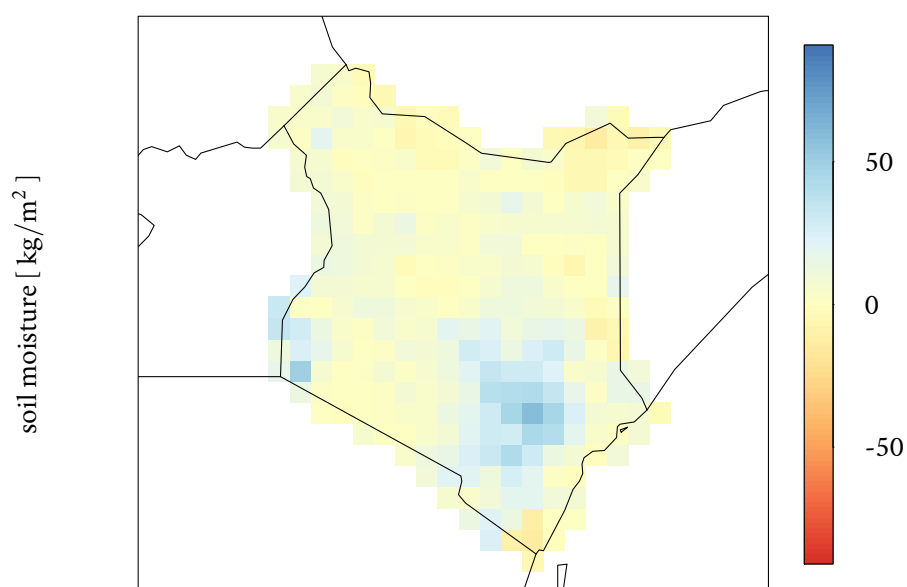


Figure 465: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.15 GCM MPI-M-MPI-ESM-LR / RCM CCLM4-8-17

Figure 466: Mean across years, RCP 8.5, 2020 .. 2049

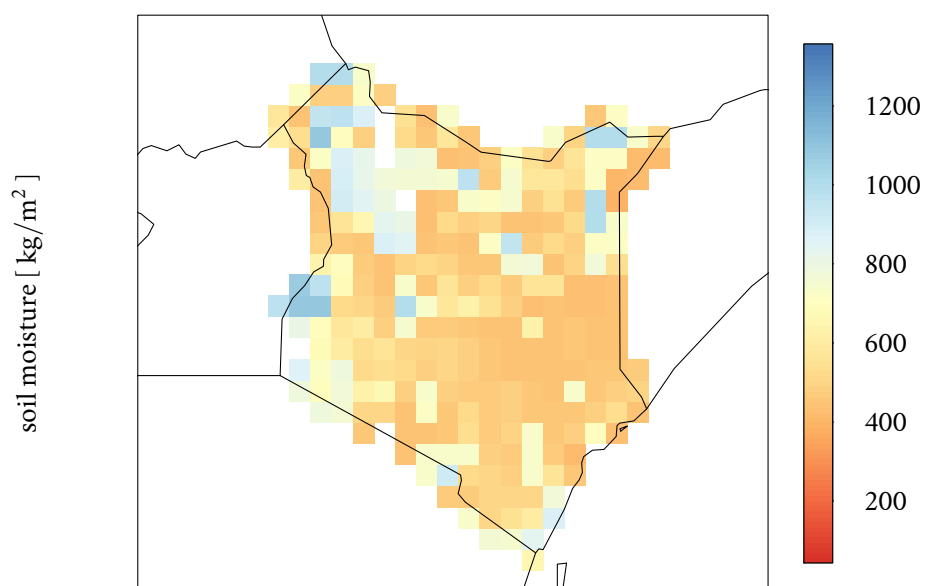


Figure 467: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

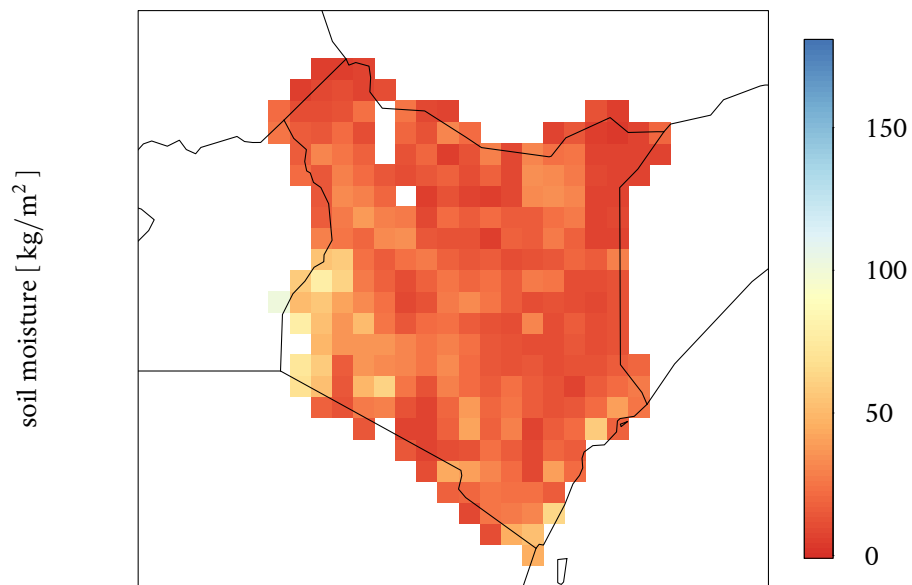


Figure 468: Mean across years, RCP 8.5, 2060 .. 2089

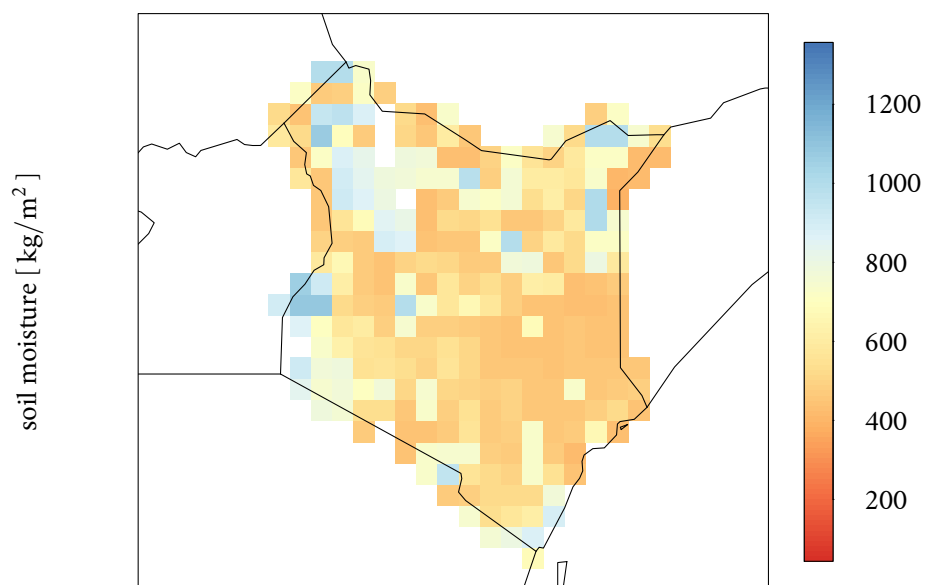


Figure 469: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

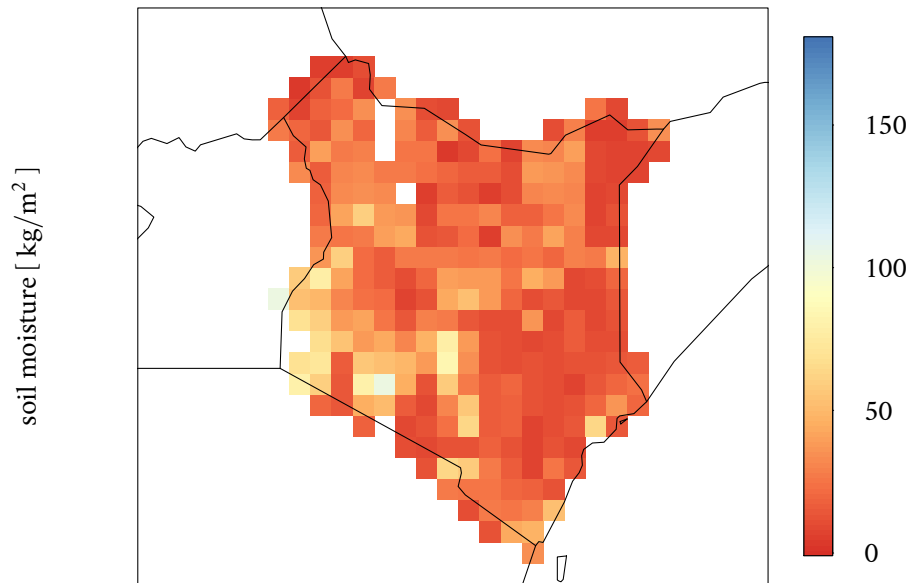
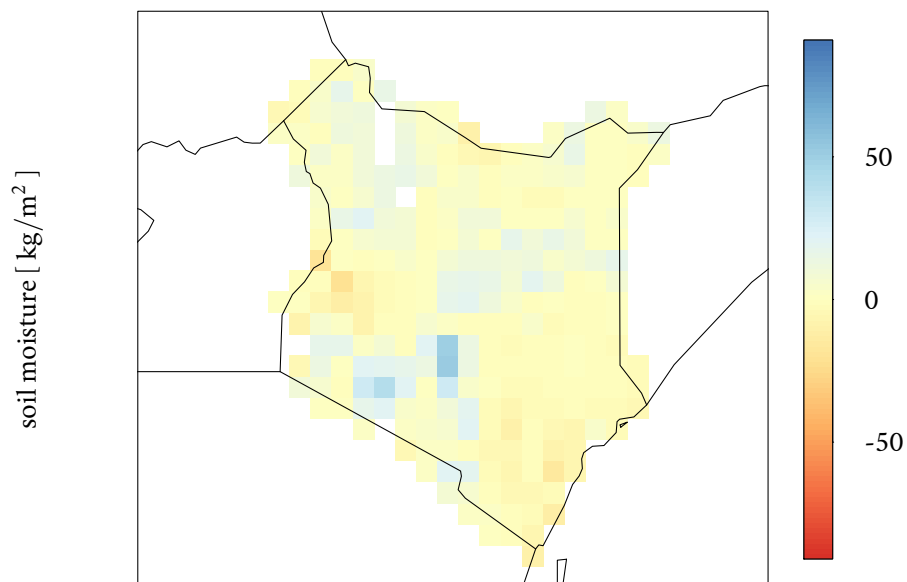


Figure 470: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.16 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 471: Mean across years, RCP 8.5, 2020 .. 2049

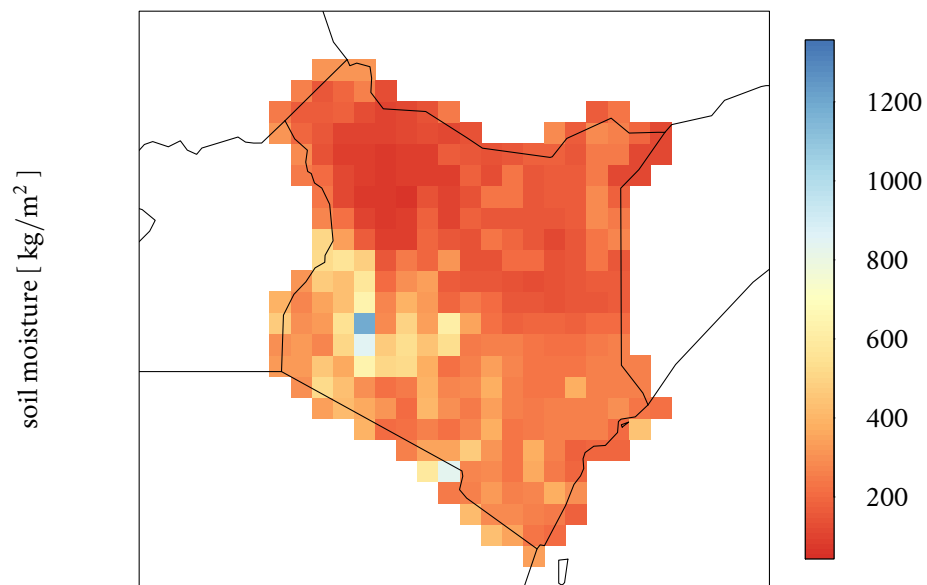


Figure 472: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

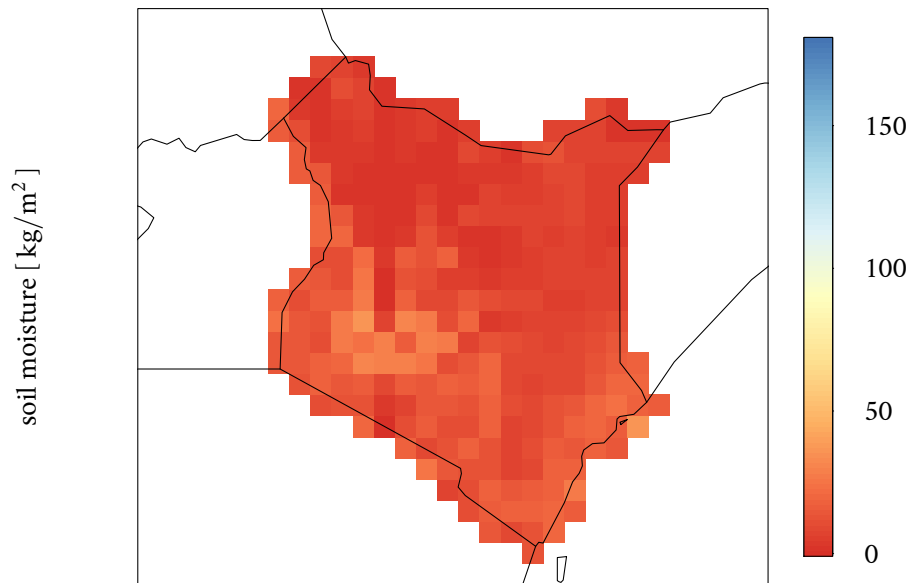


Figure 473: Mean across years, RCP 8.5, 2060 .. 2089

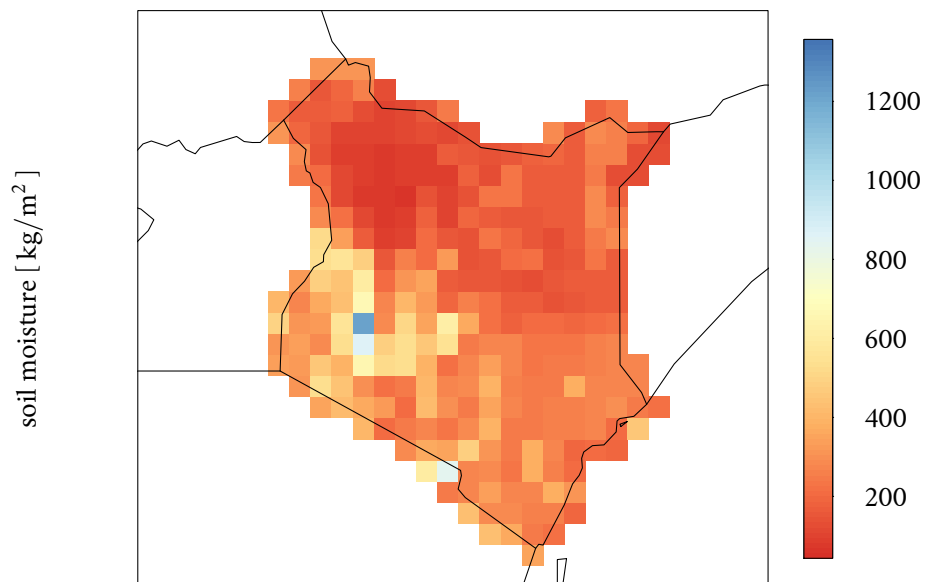


Figure 474: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

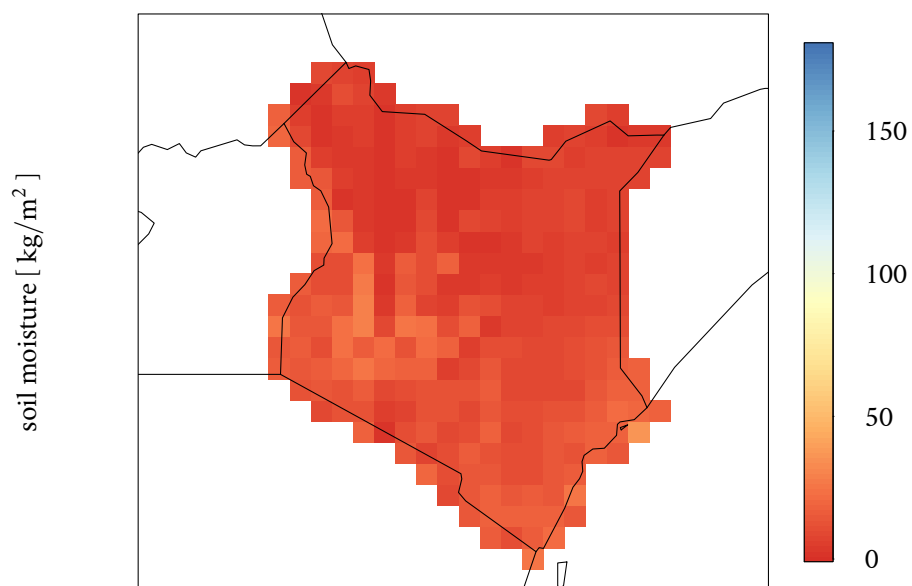
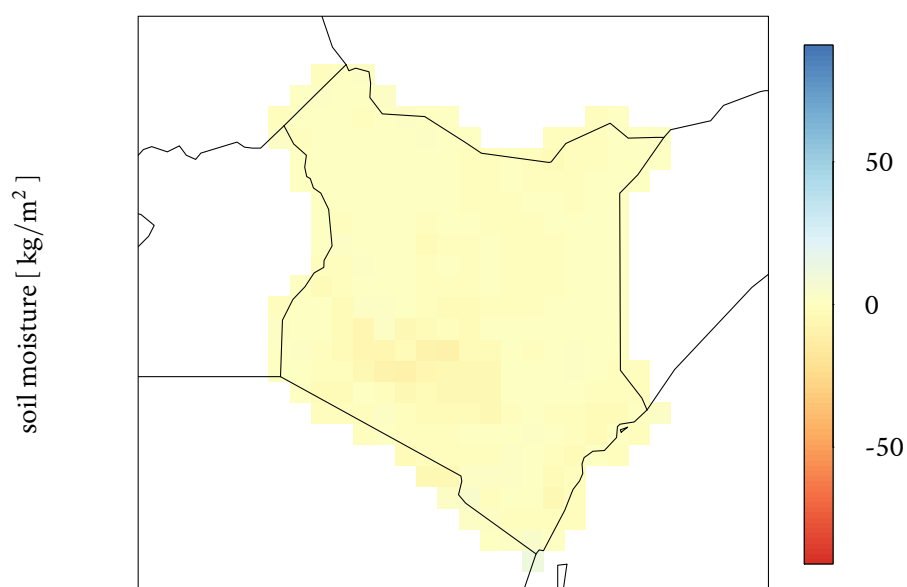


Figure 475: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.17 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 476: Mean across years, RCP 8.5, 2020 .. 2049

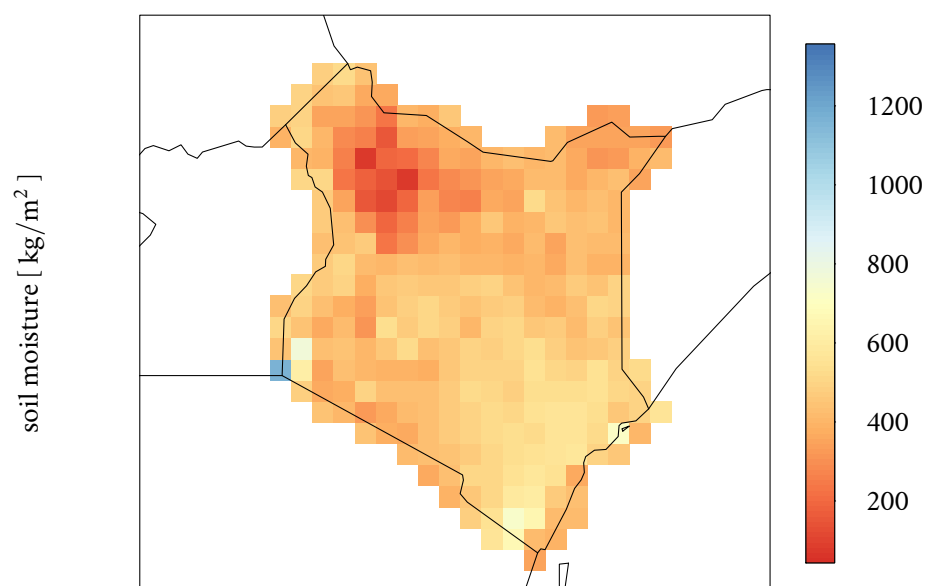


Figure 477: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

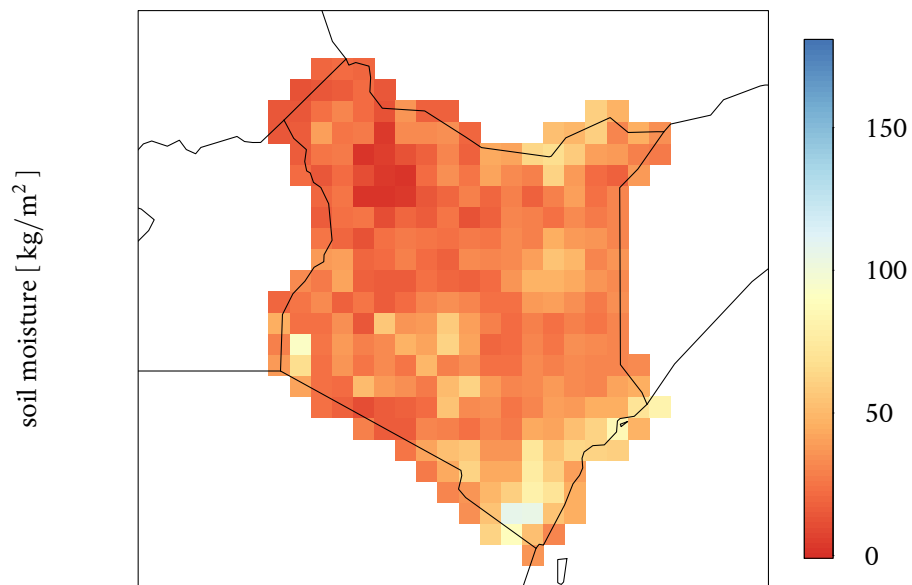


Figure 478: Mean across years, RCP 8.5, 2060 .. 2089

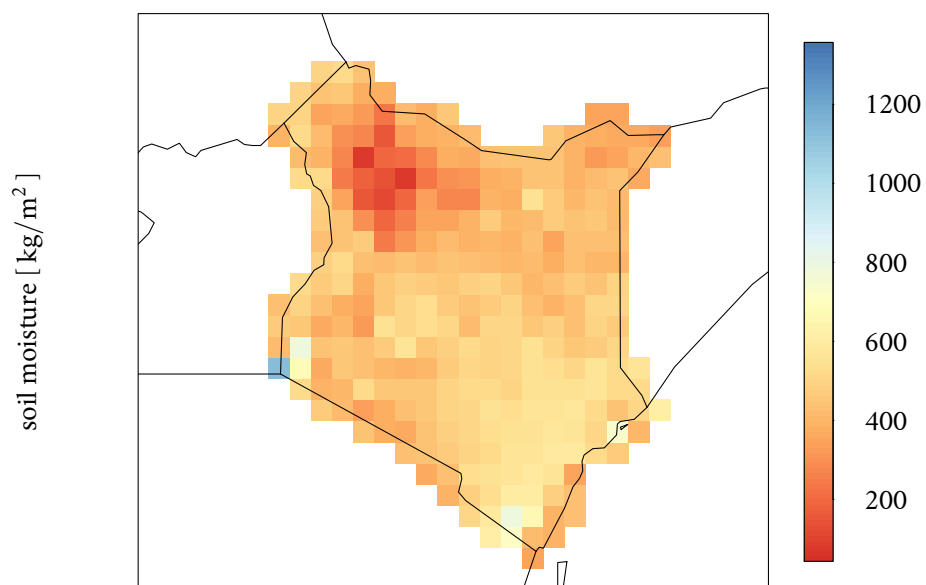


Figure 479: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

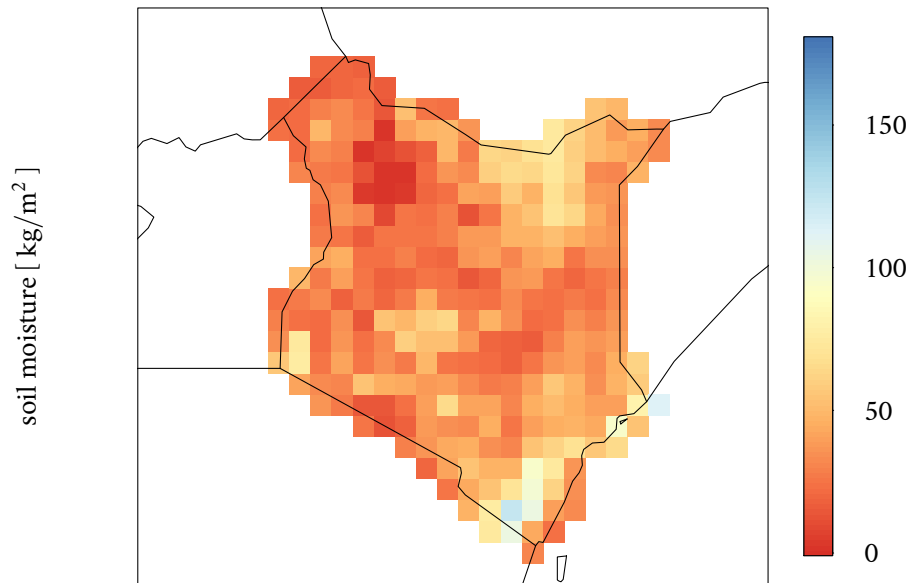
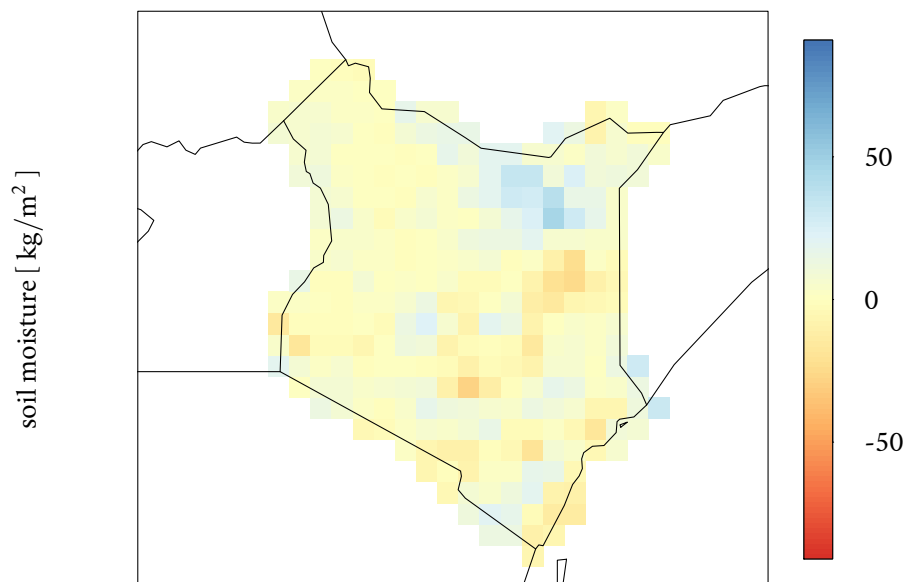


Figure 480: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.18 GCM NCC-NorESM1-M / RCM RCA4

Figure 481: Mean across years, RCP 8.5, 2020 .. 2049

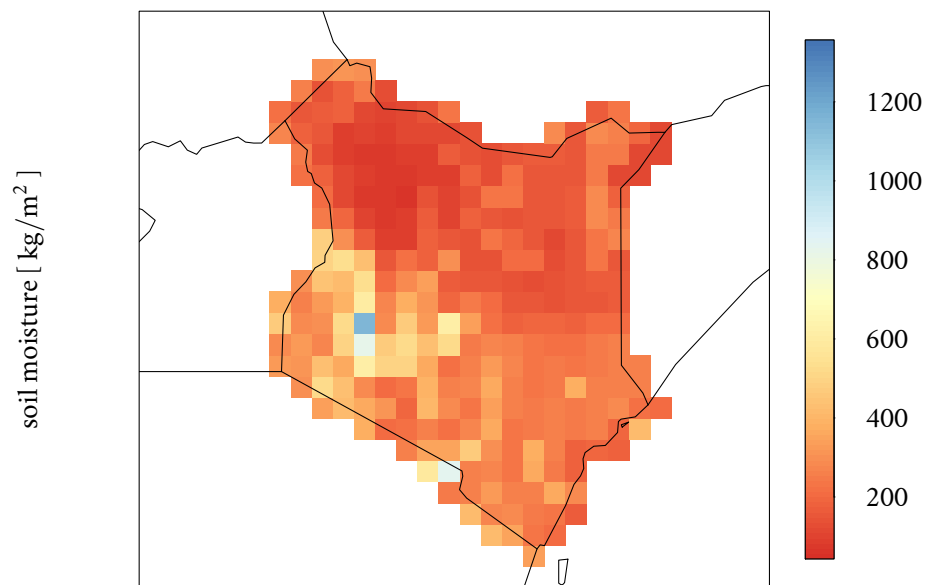


Figure 482: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

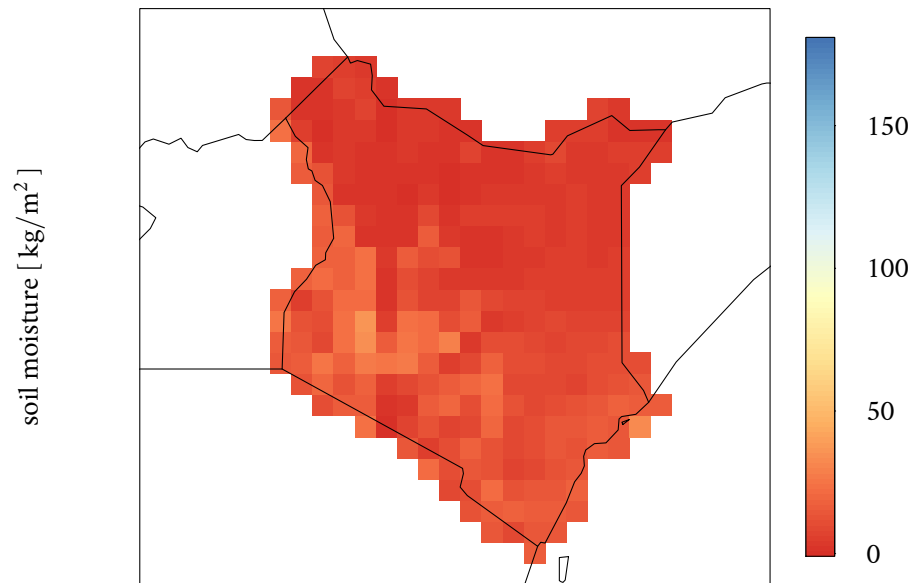


Figure 483: Mean across years, RCP 8.5, 2060 .. 2089

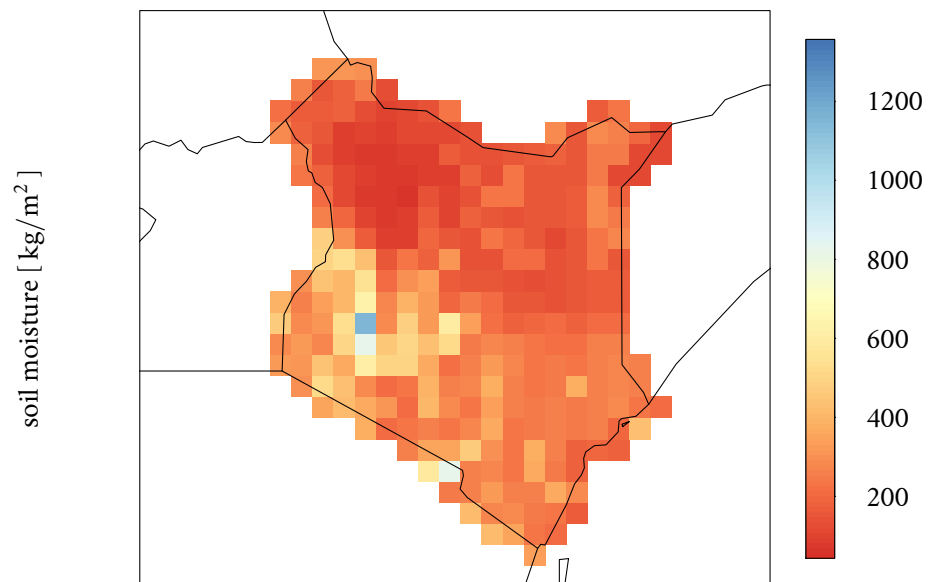


Figure 484: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

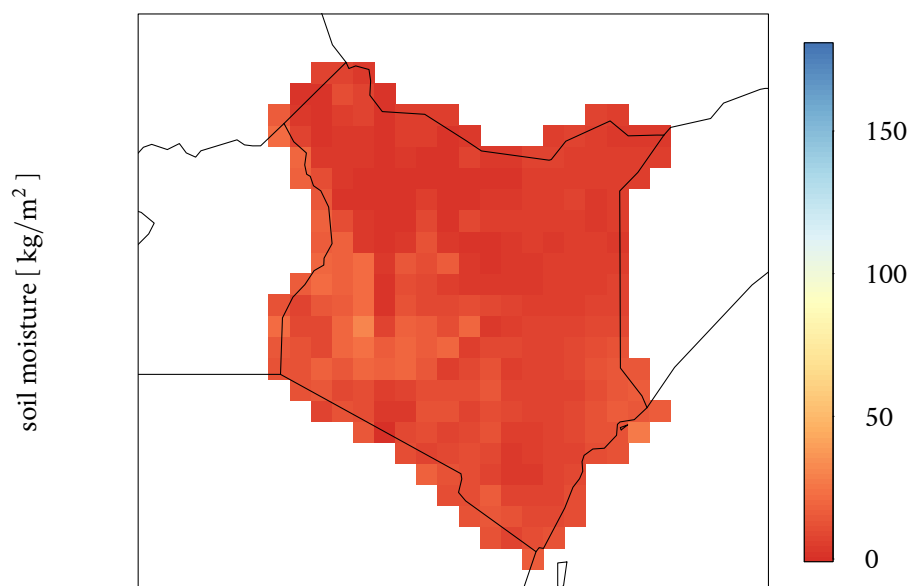
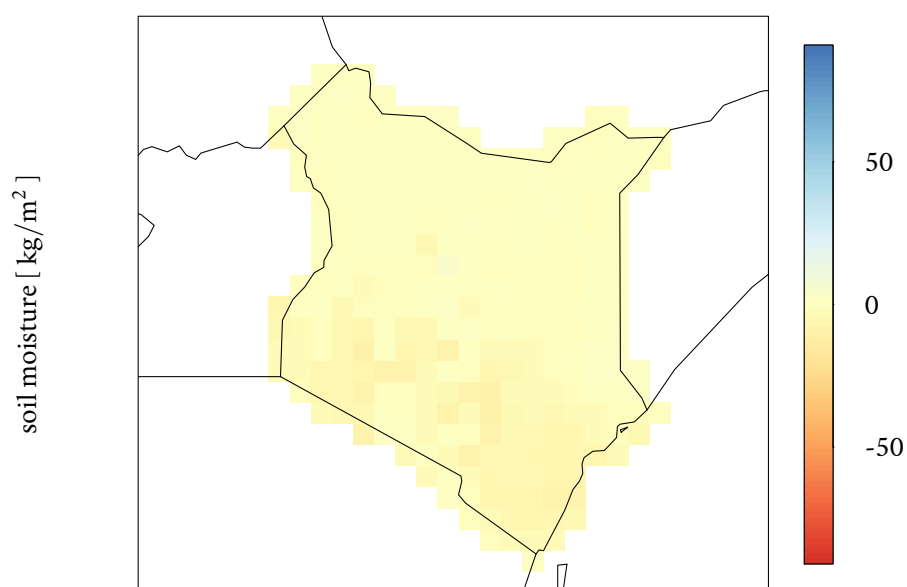


Figure 485: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



A.4.19 GCM NOAA-GFDL-GFDL-ESM2M / RCM RCA4

Figure 486: Mean across years, RCP 8.5, 2020 .. 2049

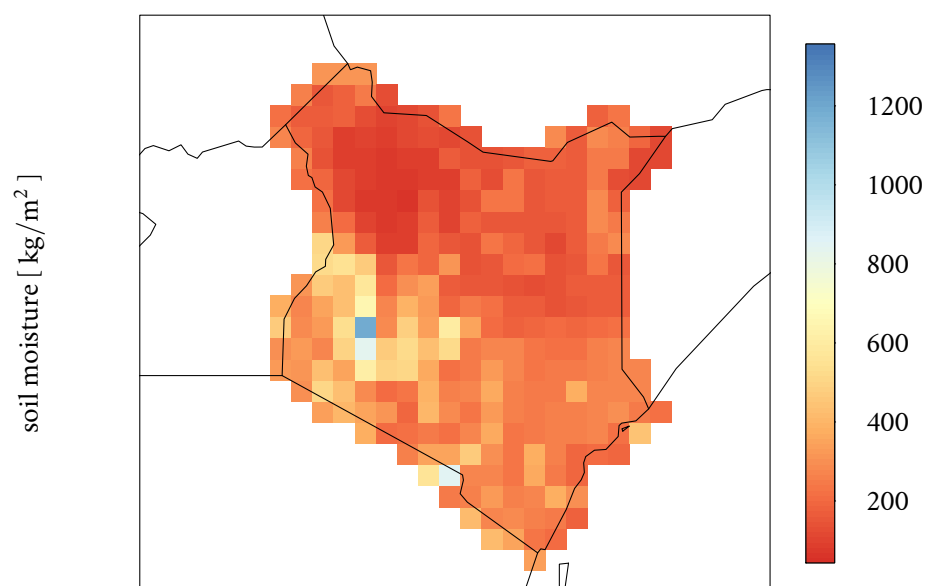


Figure 487: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

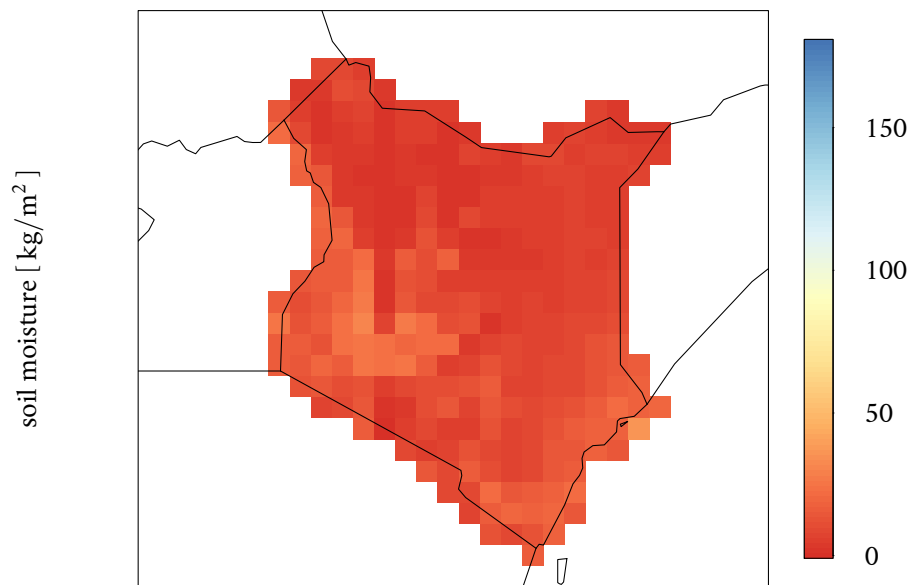


Figure 488: Mean across years, RCP 8.5, 2060 .. 2089

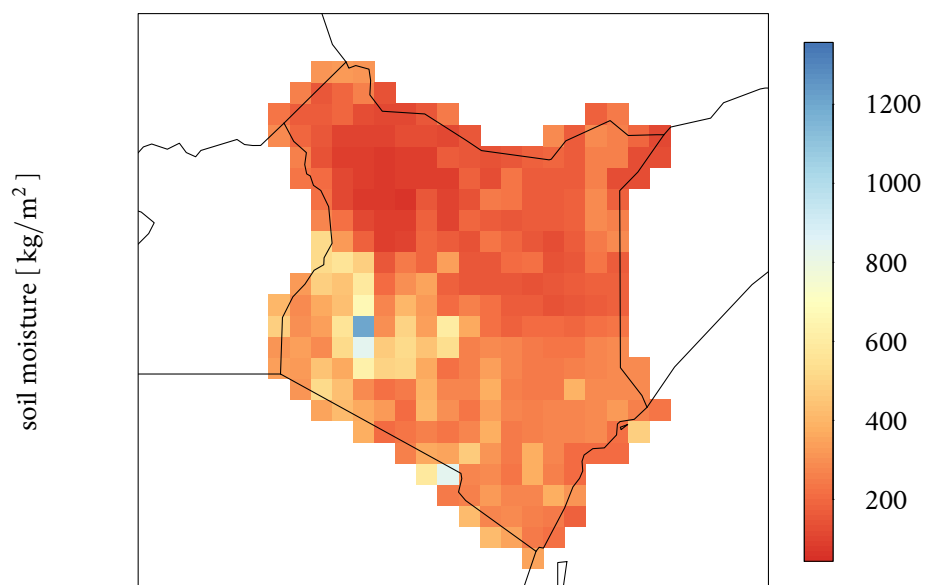


Figure 489: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

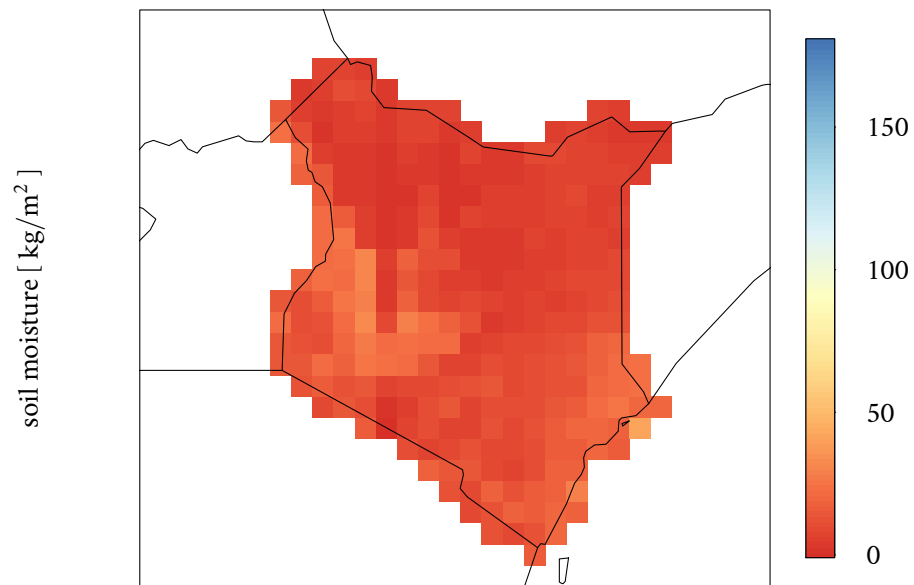
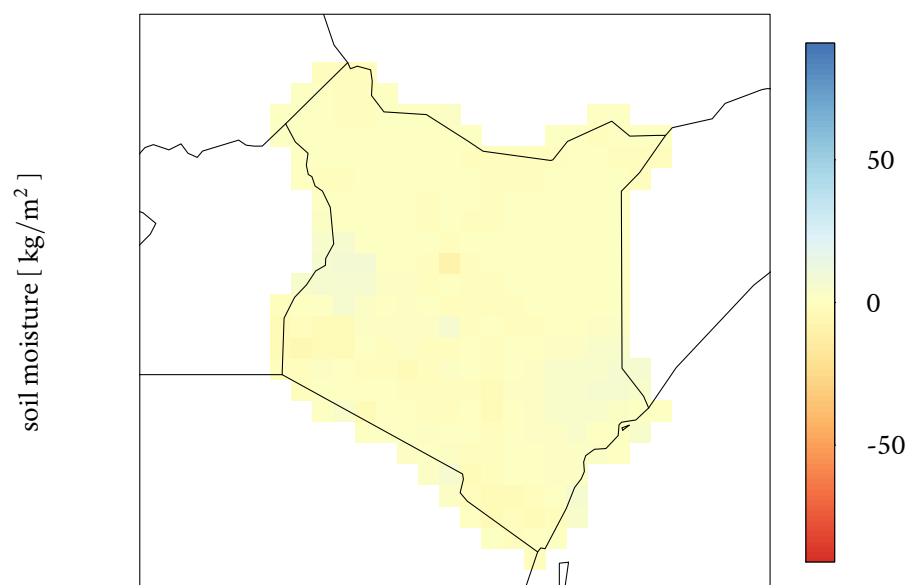


Figure 490: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B Individual models: Precipitation

B.1 Burkina Faso / RCP 2.6

B.1.1 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 491: Mean across years, RCP 2.6, 2020 .. 2049

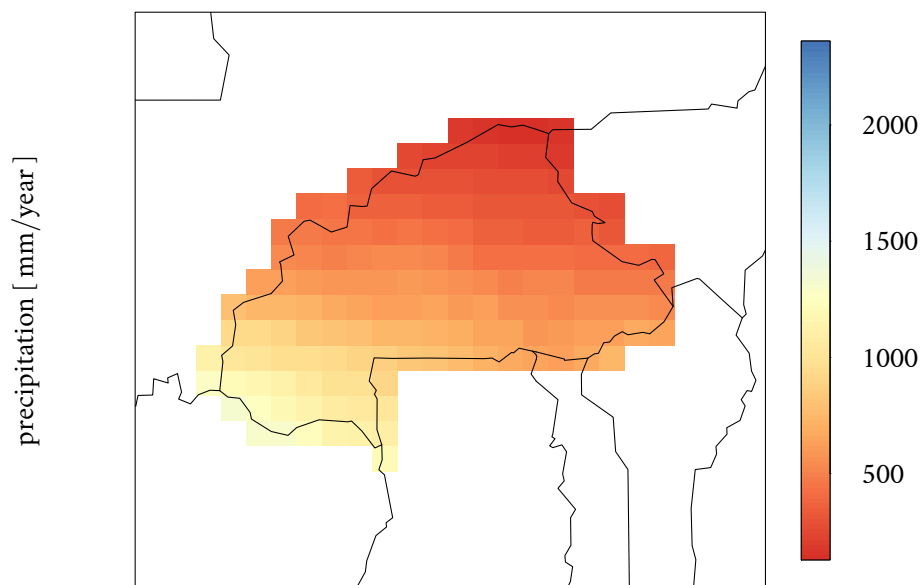


Figure 492: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

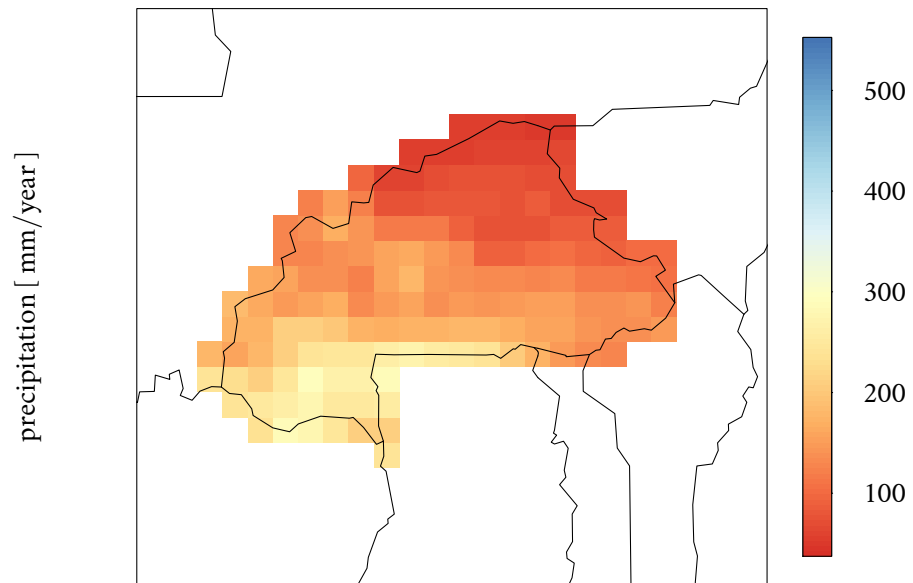


Figure 493: Mean across years, RCP 2.6, 2060 .. 2089

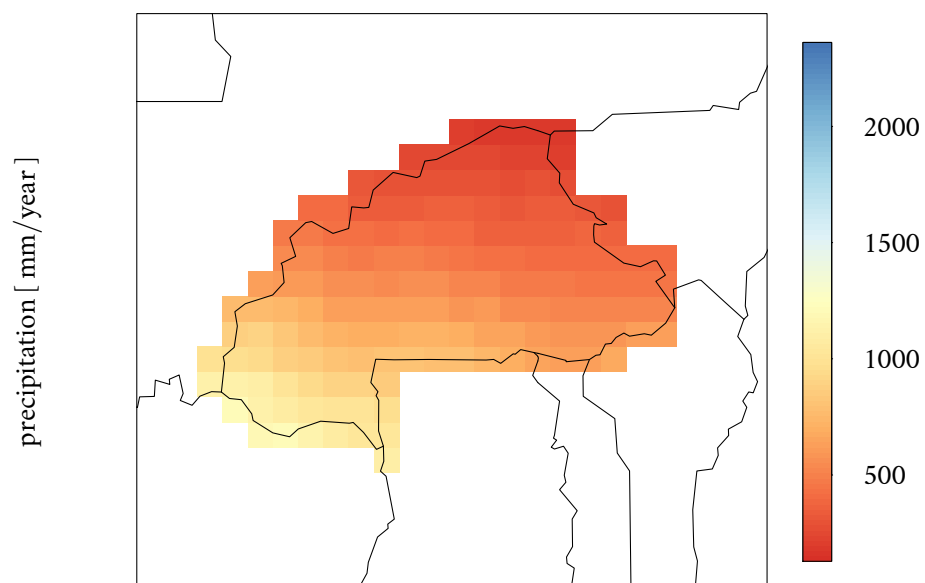


Figure 494: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

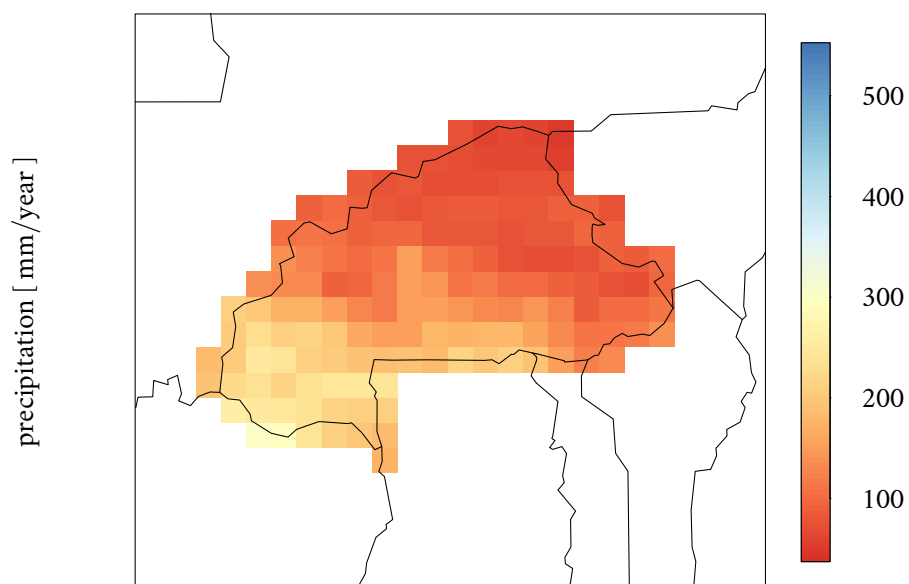
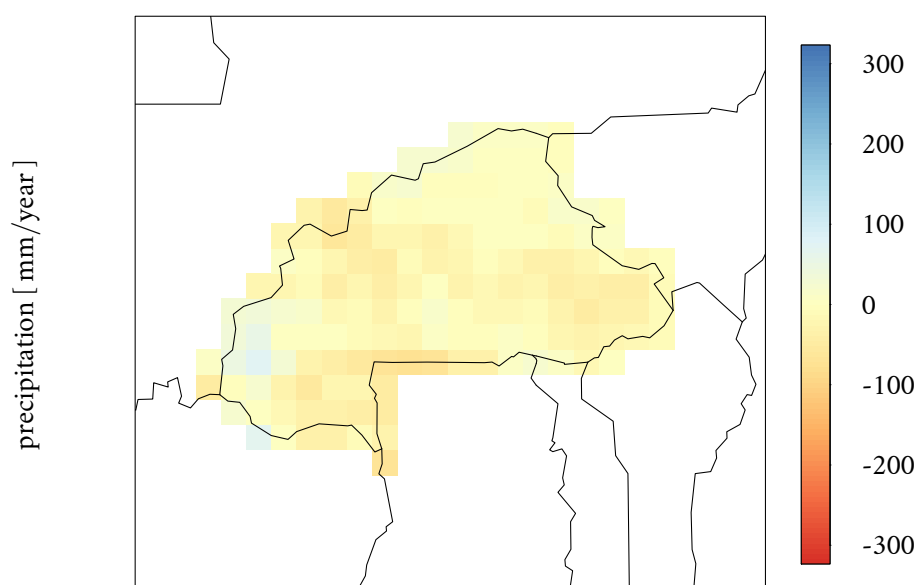


Figure 495: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.1.2 GCM MIROC-MIROC5 / RCM RCA4

Figure 496: Mean across years, RCP 2.6, 2020 .. 2049

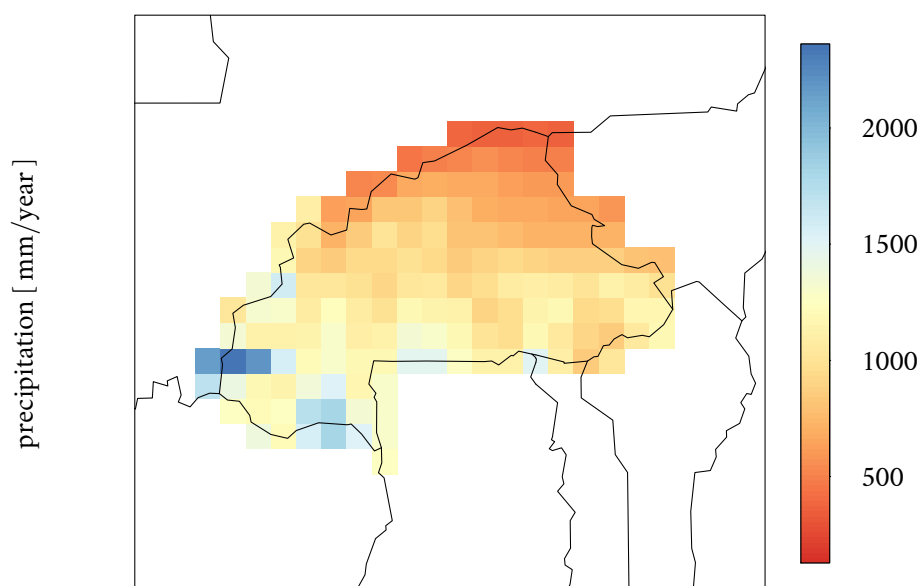


Figure 497: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

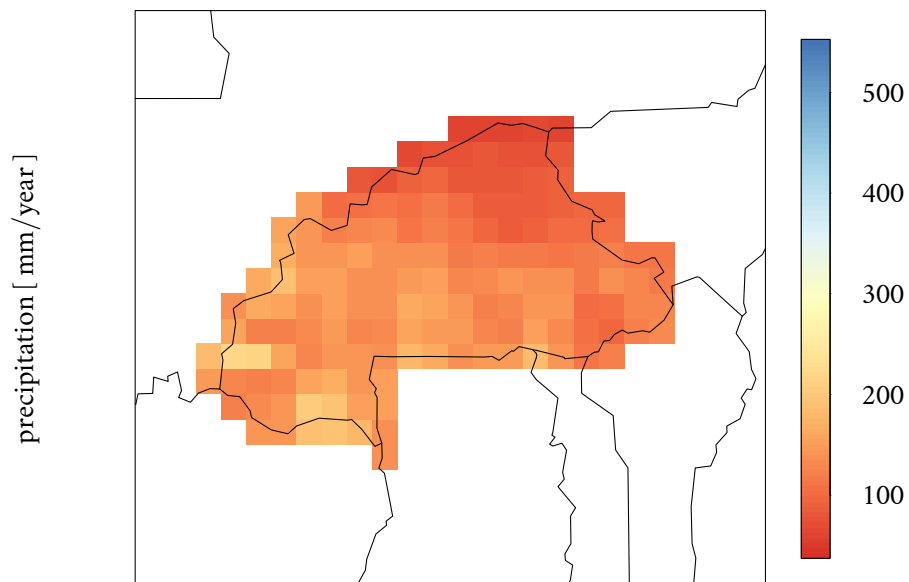


Figure 498: Mean across years, RCP 2.6, 2060 .. 2089

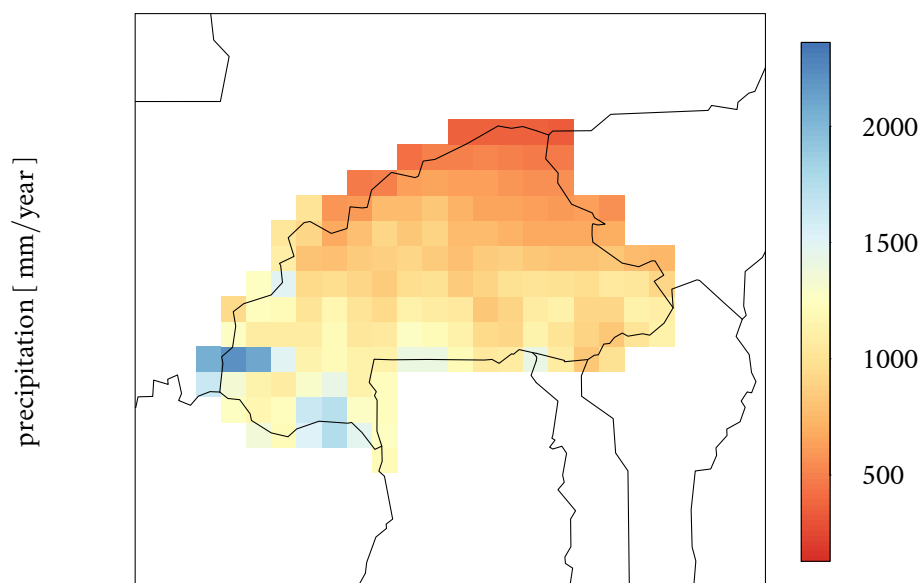


Figure 499: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

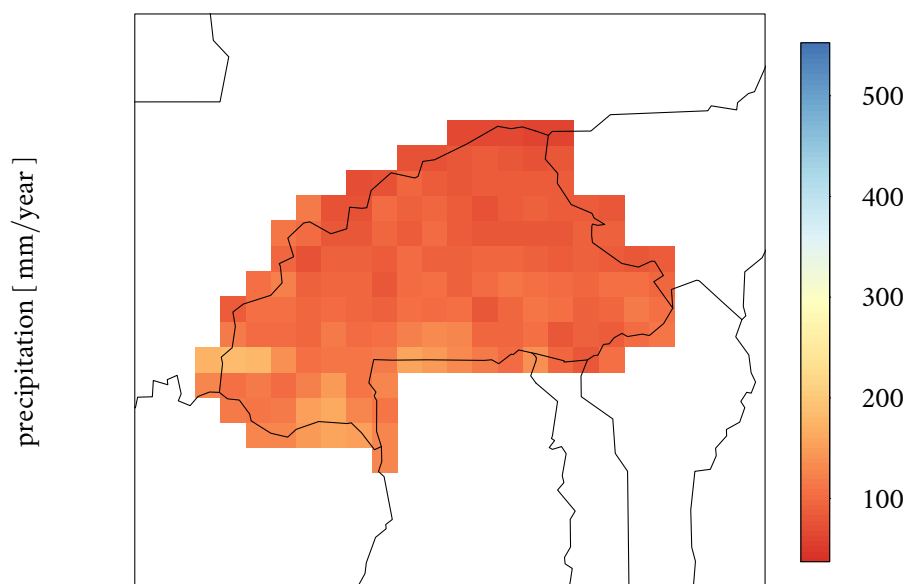
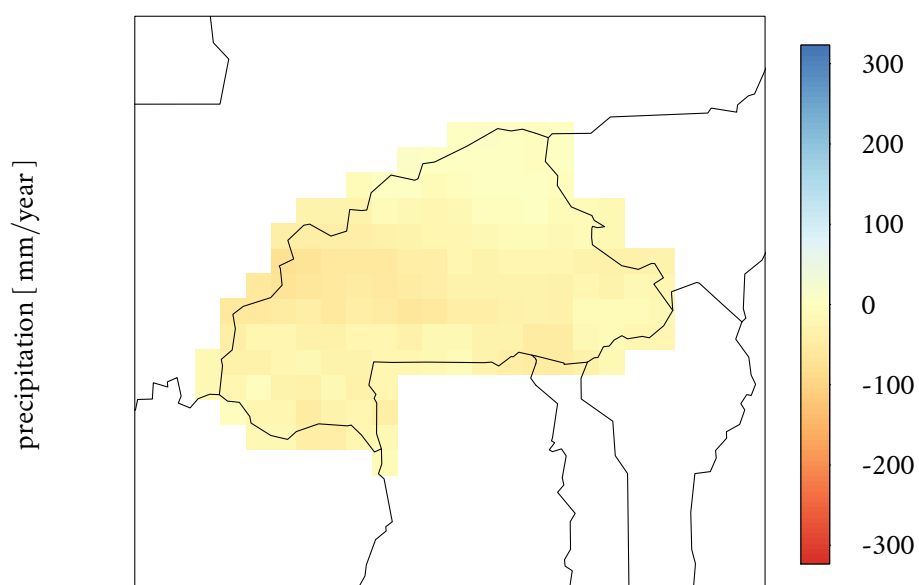


Figure 500: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.1.3 GCM MIROC-MIROC5 / RCM REMO2009

Figure 501: Mean across years, RCP 2.6, 2020 .. 2049

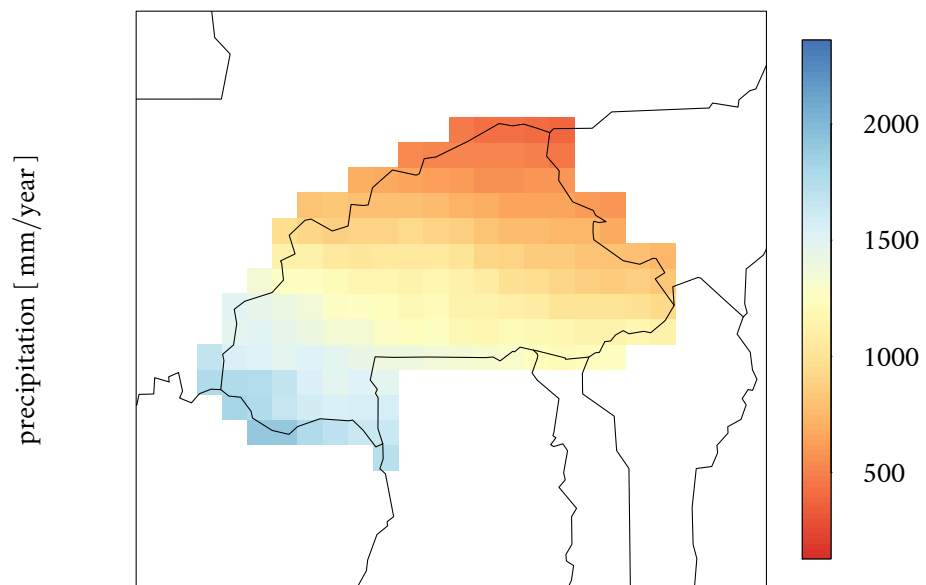


Figure 502: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

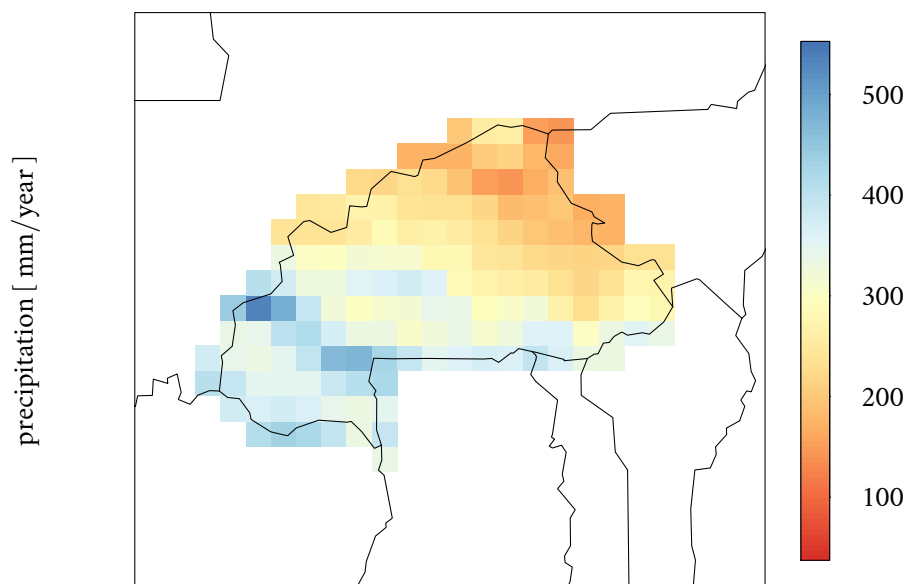


Figure 503: Mean across years, RCP 2.6, 2060 .. 2089

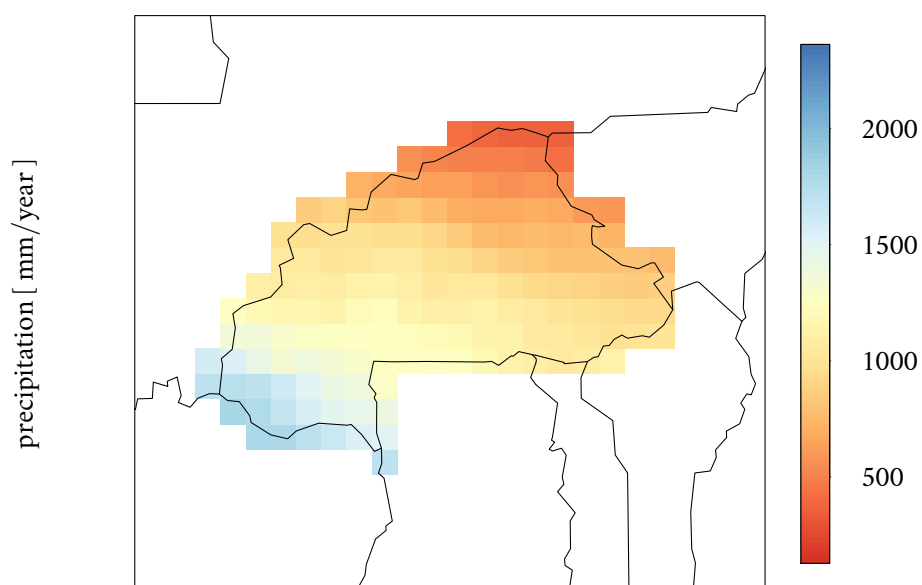


Figure 504: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

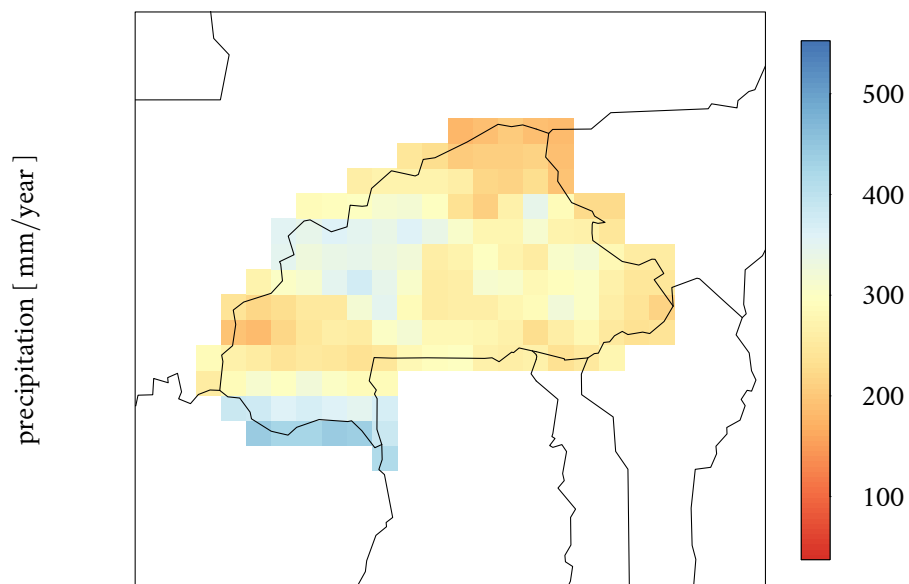
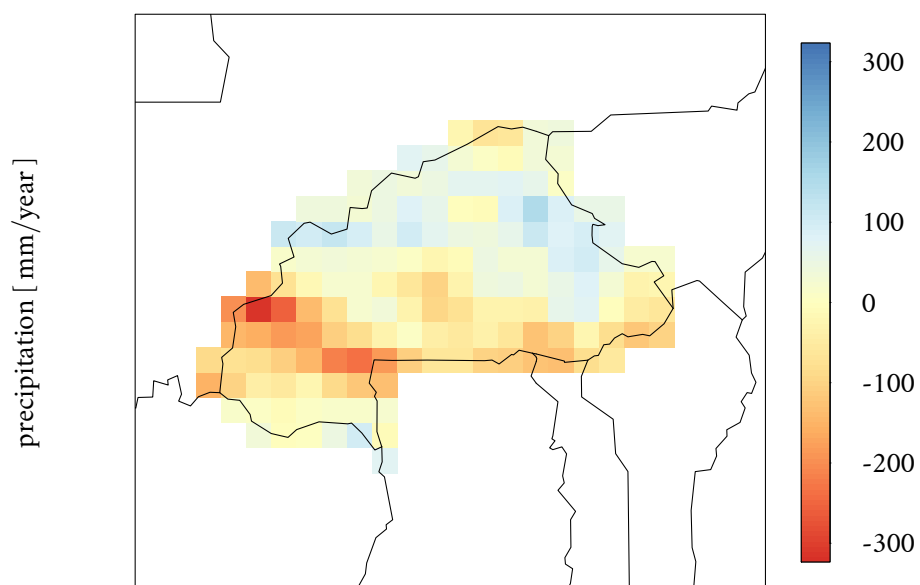


Figure 505: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.1.4 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 506: Mean across years, RCP 2.6, 2020 .. 2049

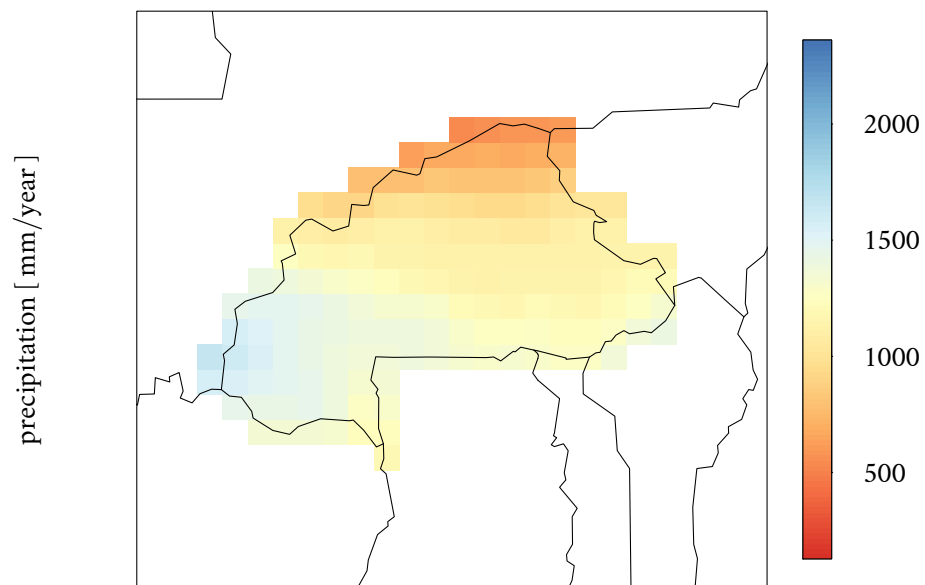


Figure 507: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

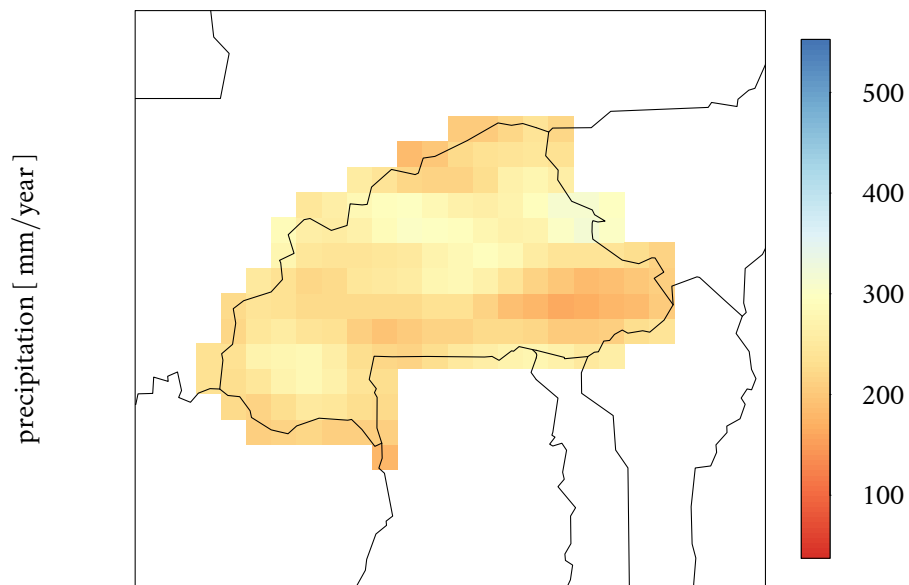


Figure 508: Mean across years, RCP 2.6, 2060 .. 2089

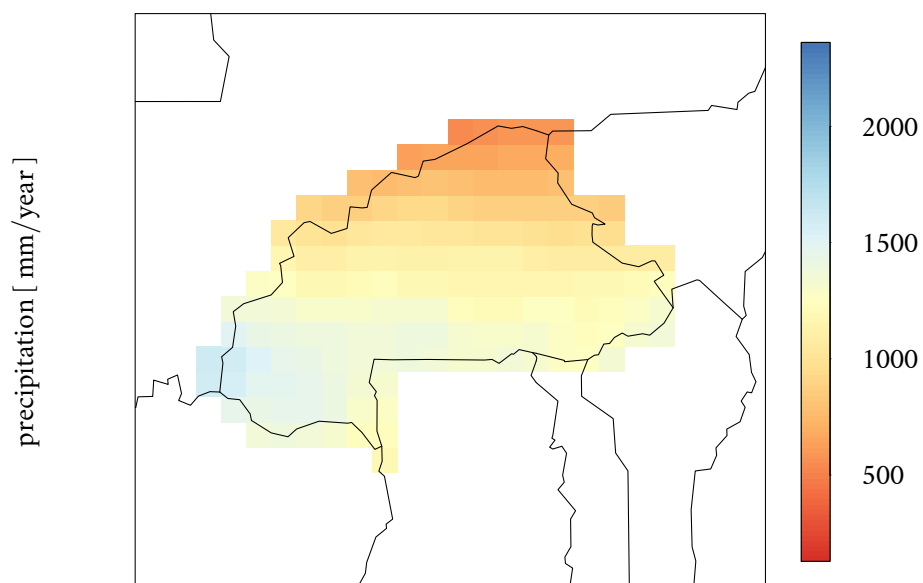


Figure 509: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

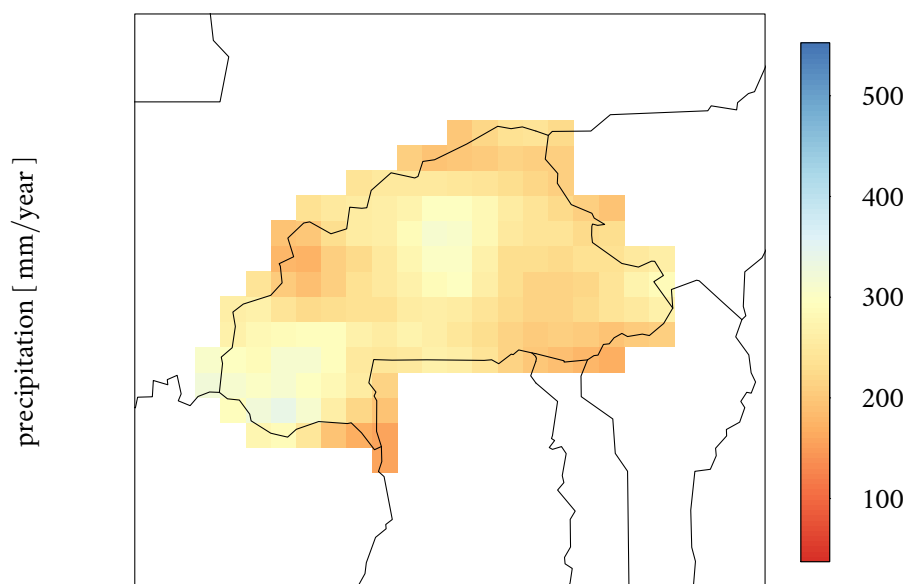
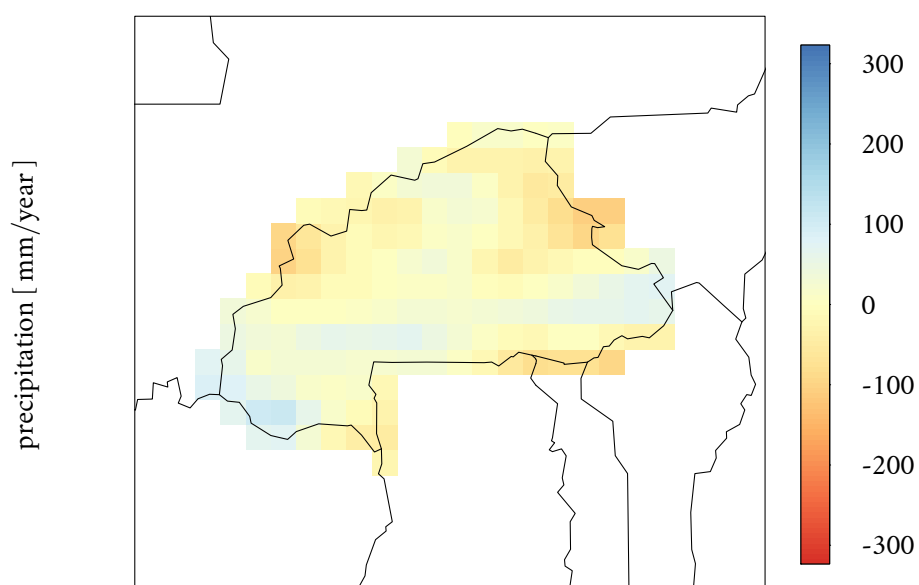


Figure 510: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.1.5 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 511: Mean across years, RCP 2.6, 2020 .. 2049

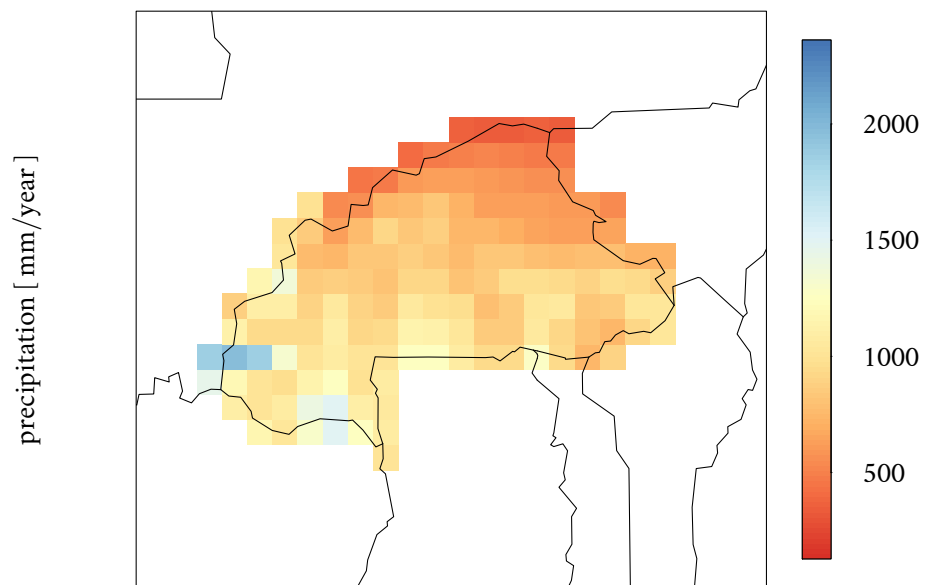


Figure 512: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

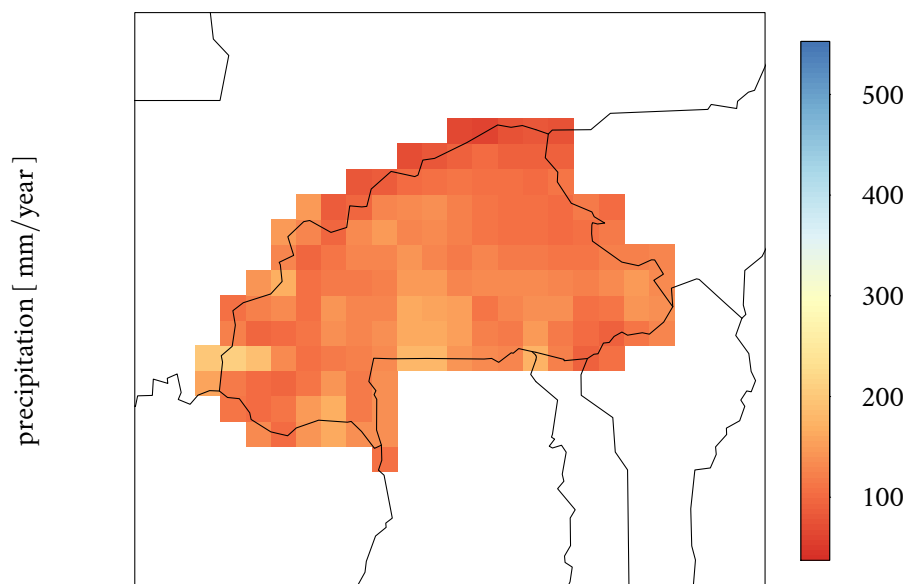


Figure 513: Mean across years, RCP 2.6, 2060 .. 2089

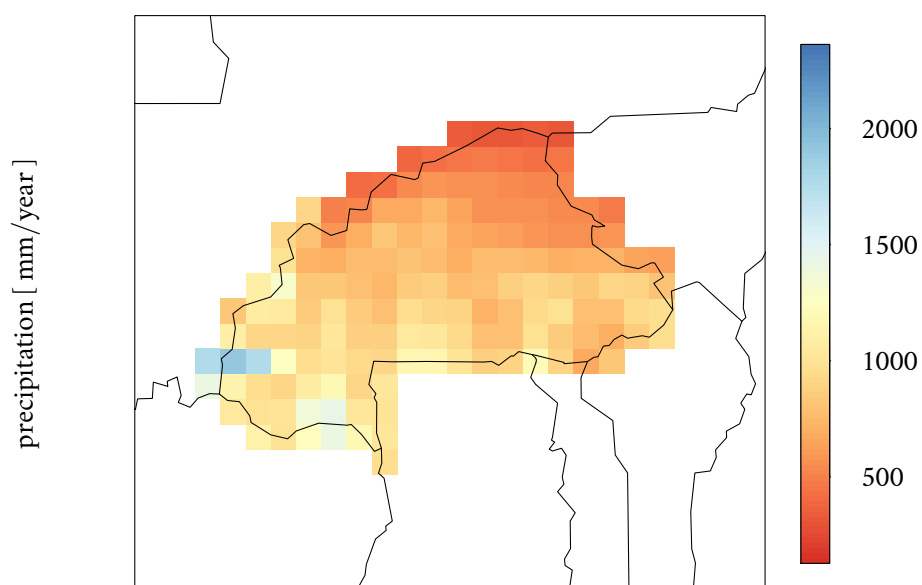


Figure 514: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

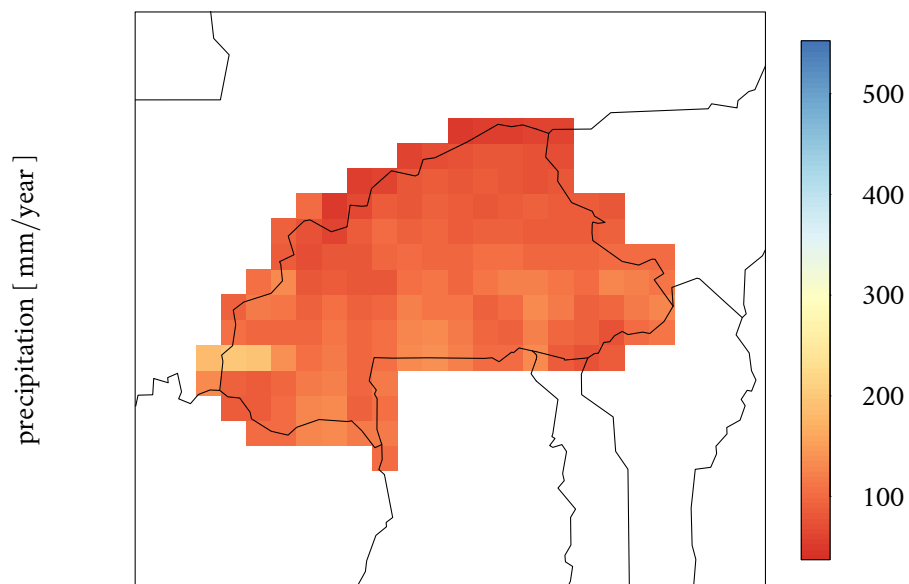
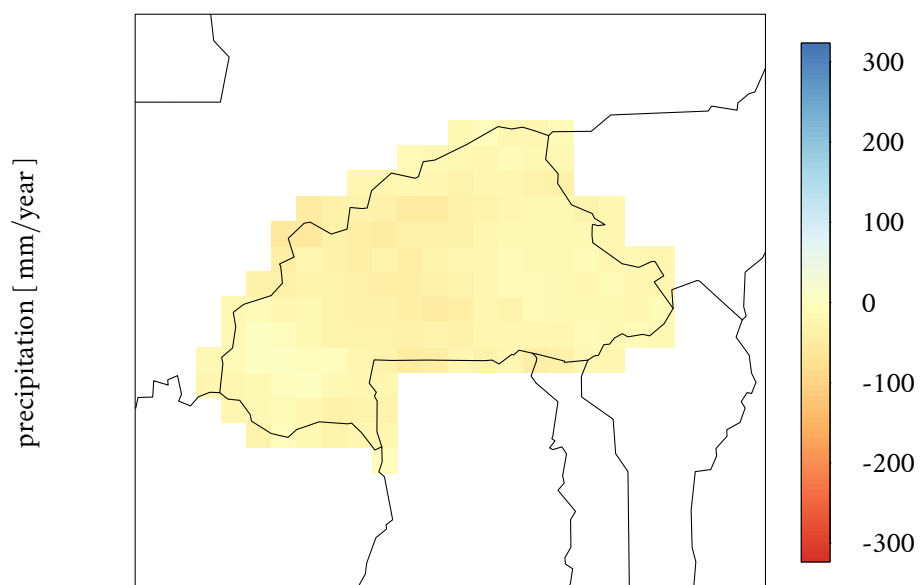


Figure 515: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.1.6 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 516: Mean across years, RCP 2.6, 2020 .. 2049

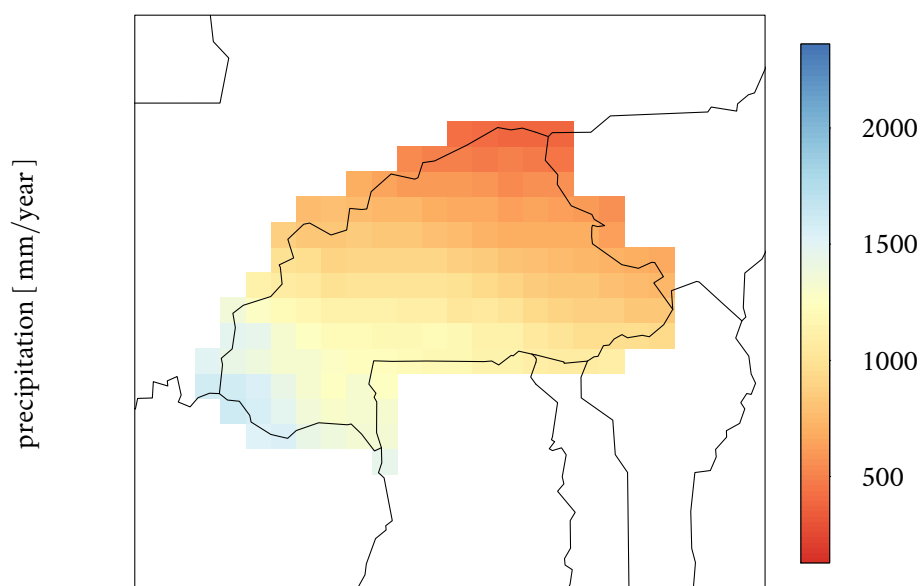


Figure 517: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

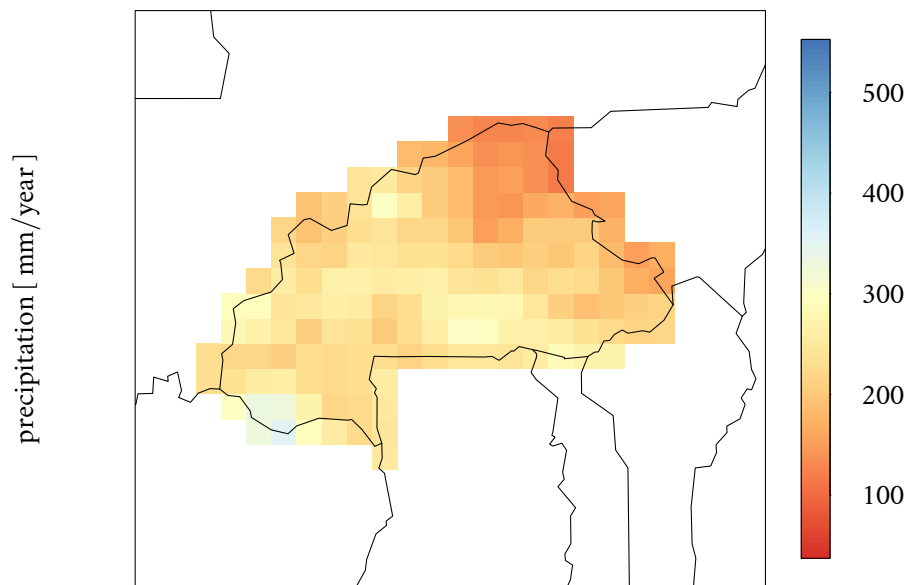


Figure 518: Mean across years, RCP 2.6, 2060 .. 2089

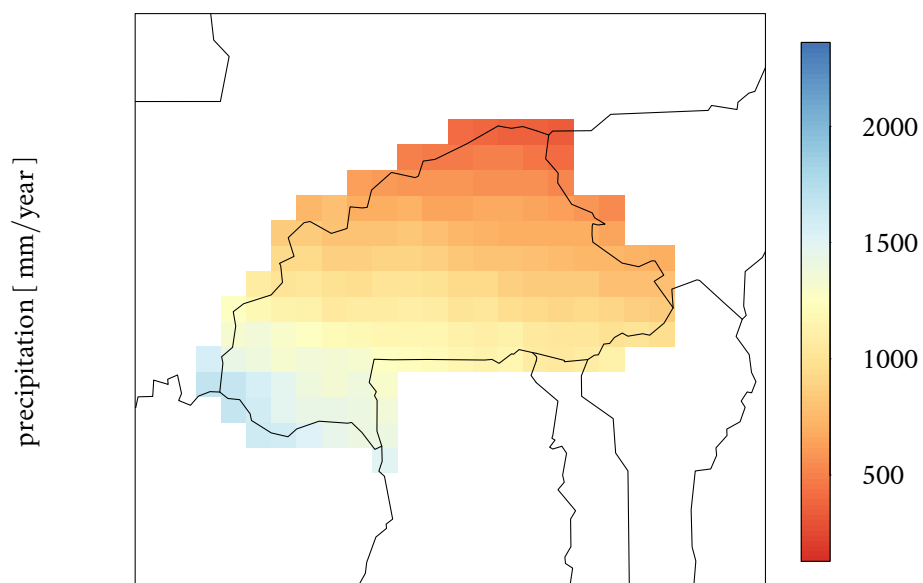


Figure 519: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

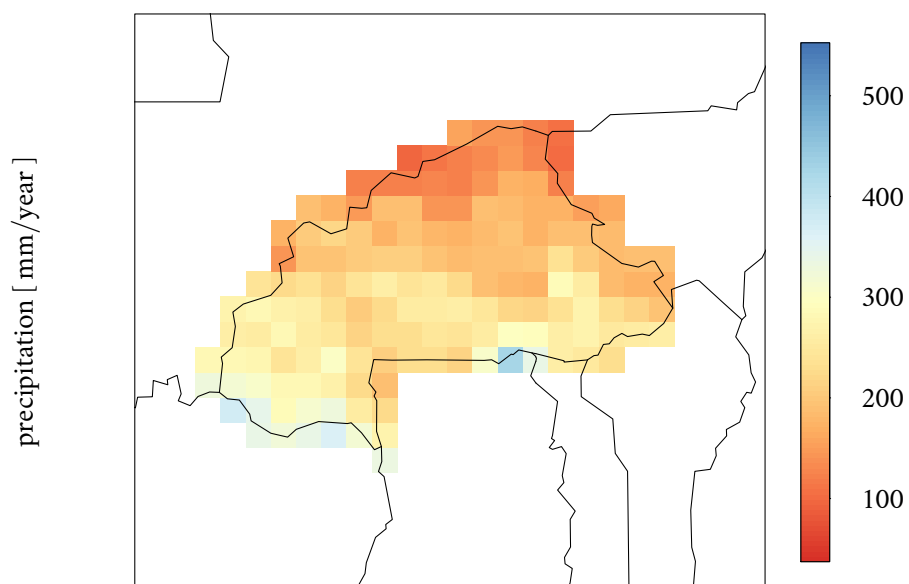
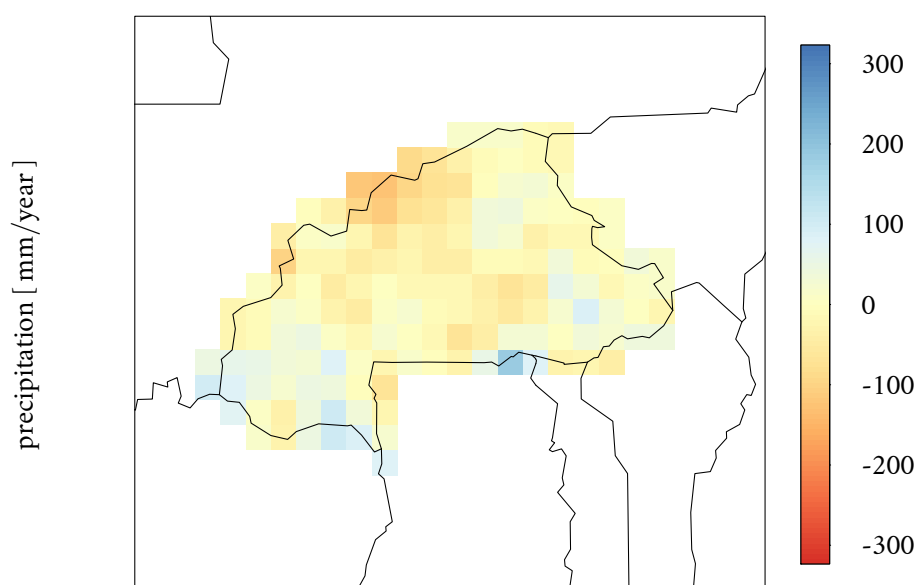


Figure 520: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.1.7 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 521: Mean across years, RCP 2.6, 2020 .. 2049

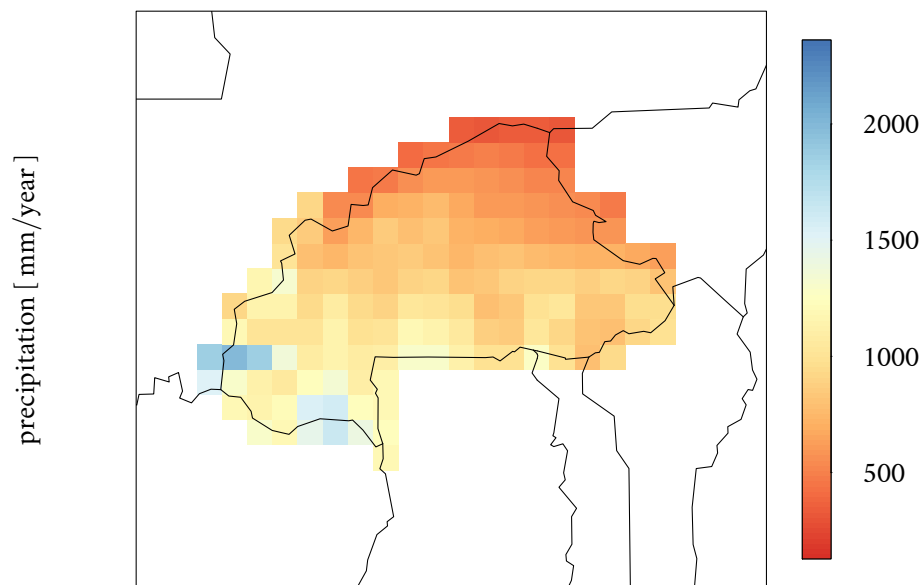


Figure 522: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

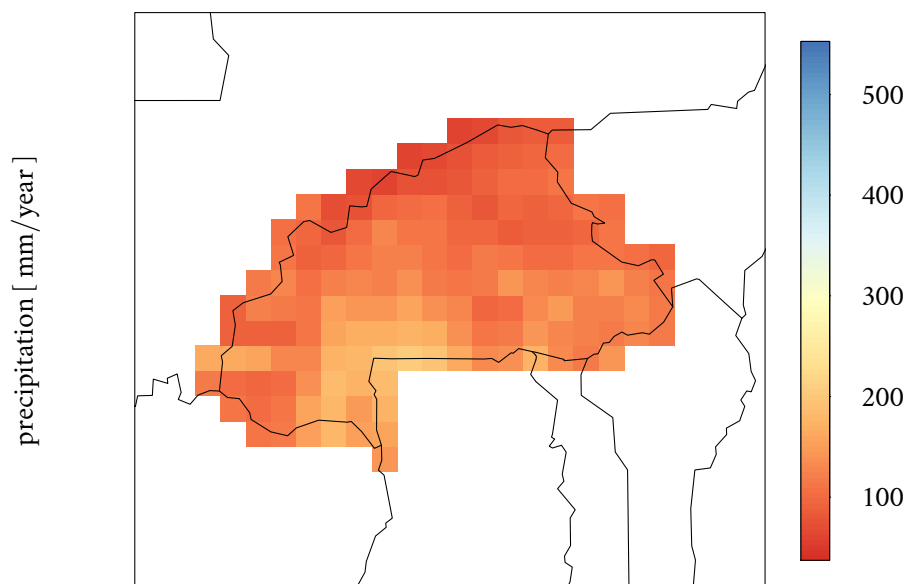


Figure 523: Mean across years, RCP 2.6, 2060 .. 2089

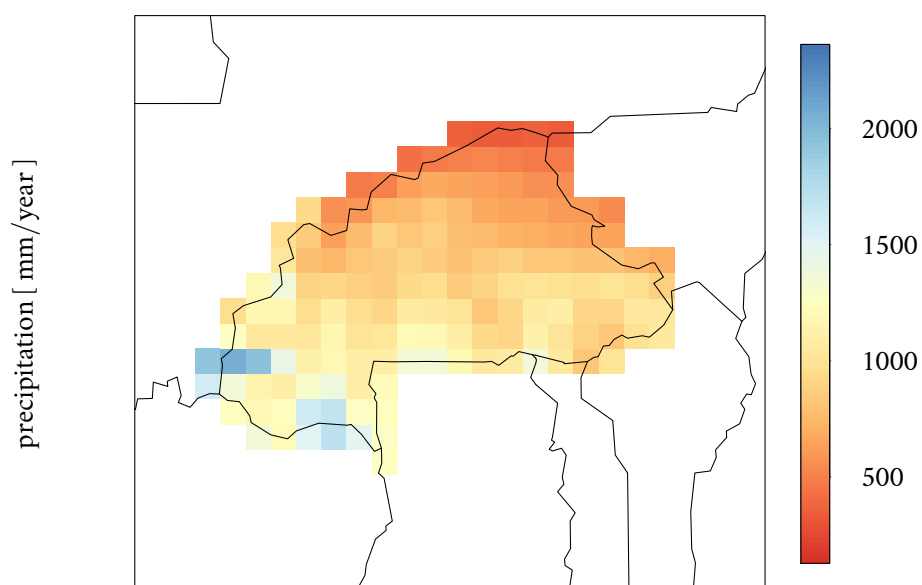


Figure 524: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

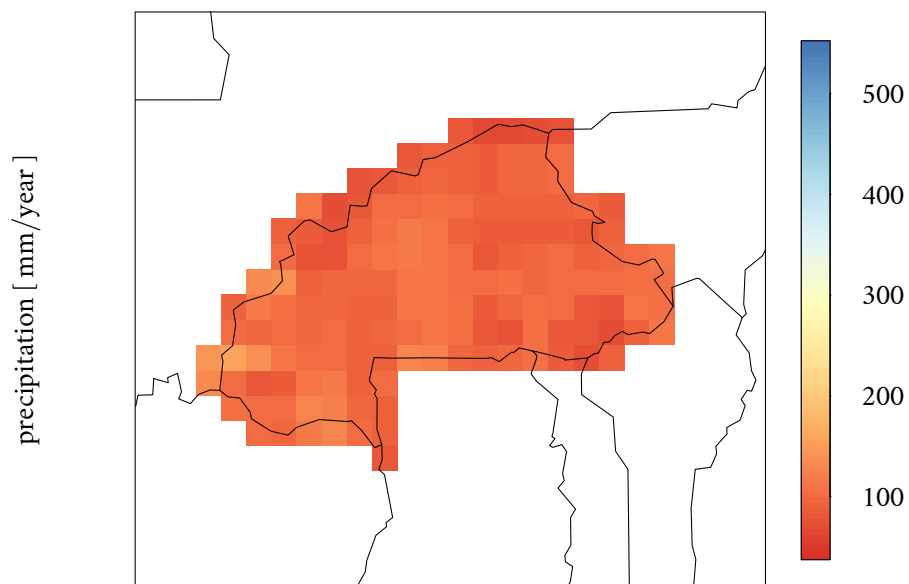
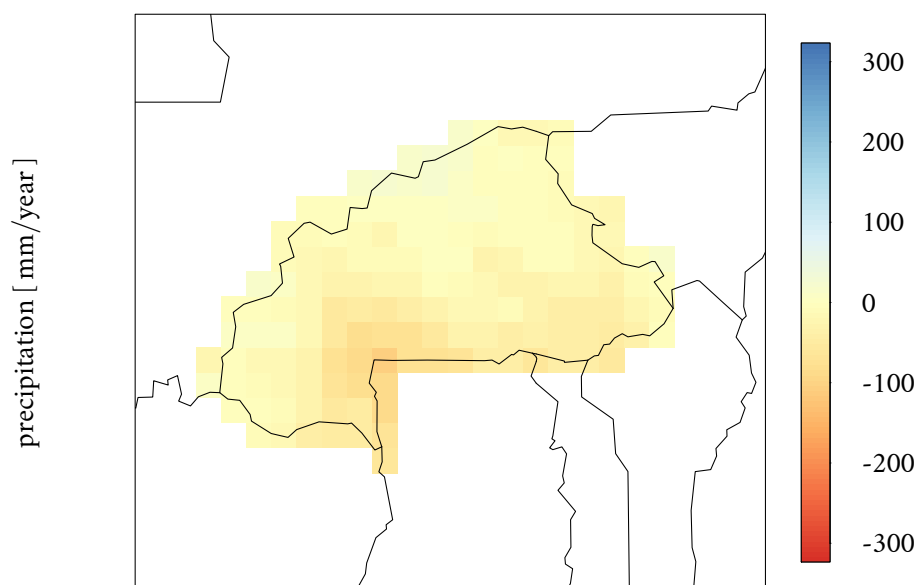


Figure 525: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.1.8 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 526: Mean across years, RCP 2.6, 2020 .. 2049

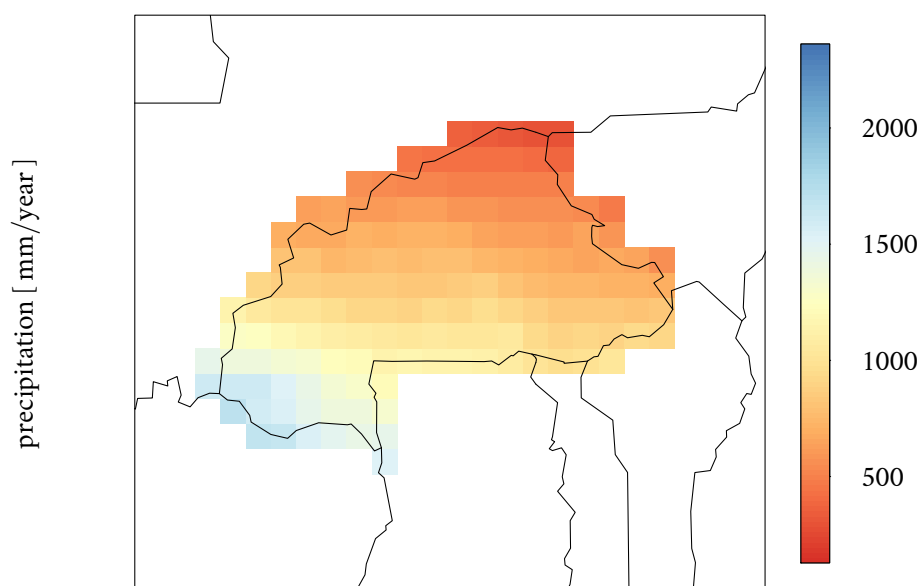


Figure 527: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

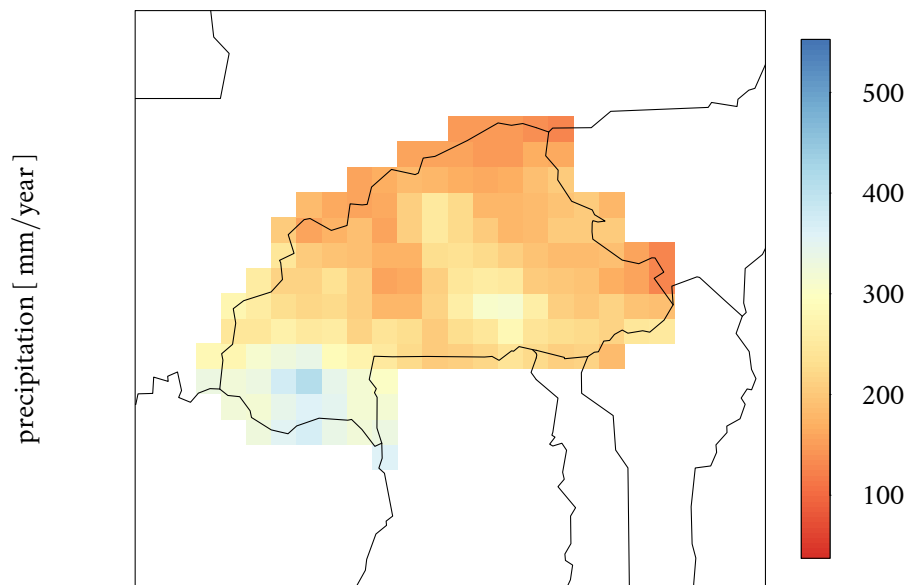


Figure 528: Mean across years, RCP 2.6, 2060 .. 2089

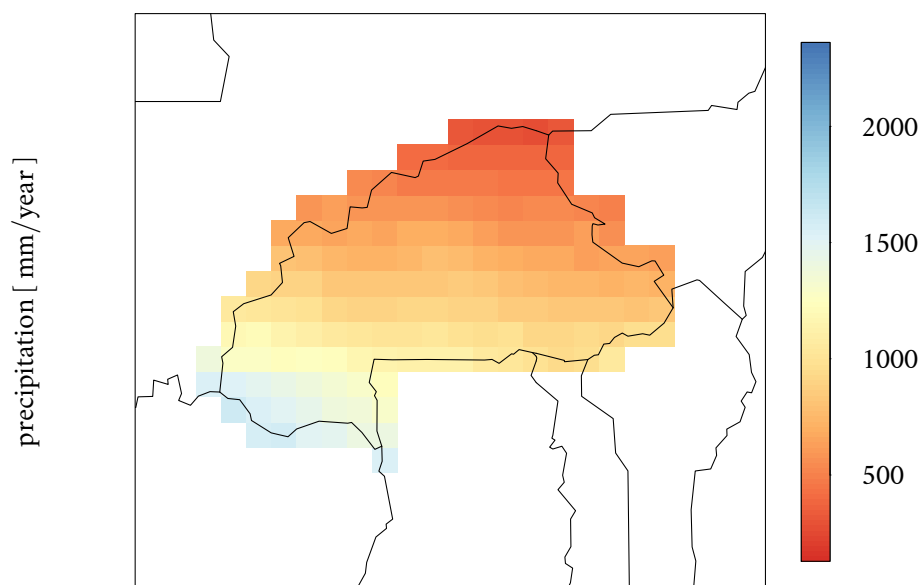


Figure 529: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

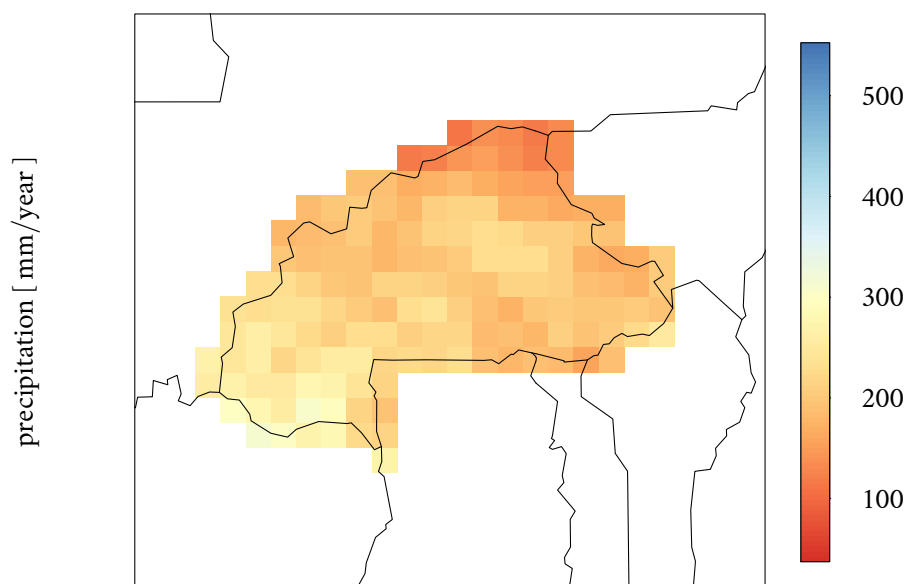
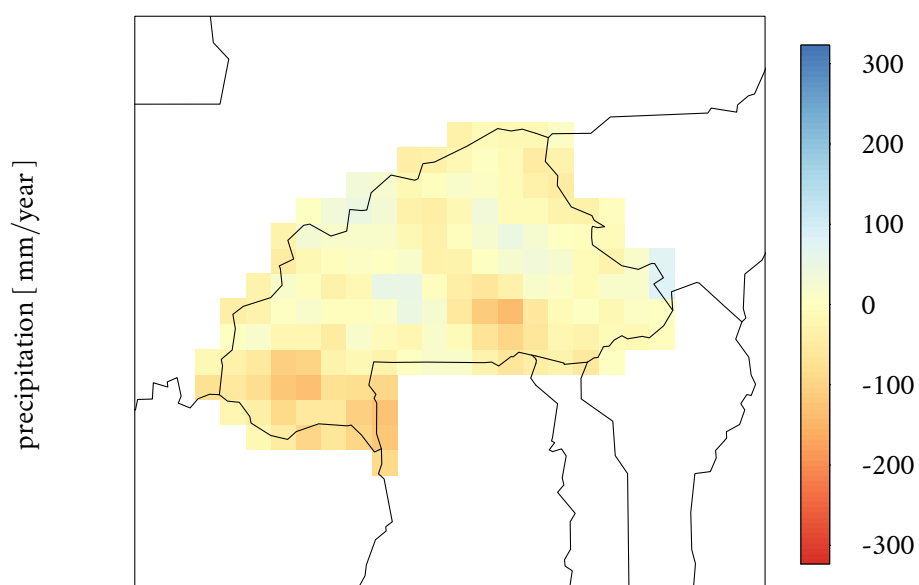


Figure 530: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.1.9 GCM NCC-NorESM1-M / RCM RCA4

Figure 531: Mean across years, RCP 2.6, 2020 .. 2049

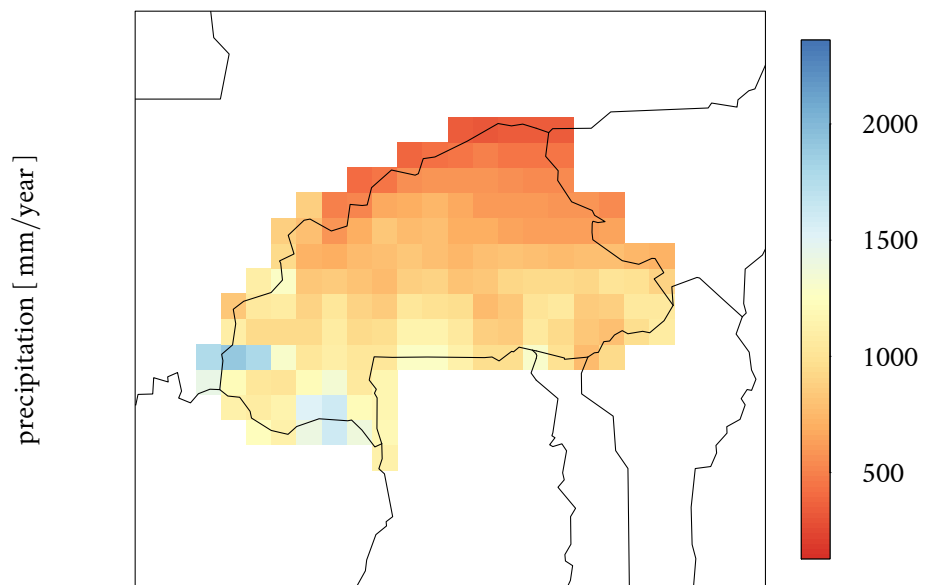


Figure 532: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

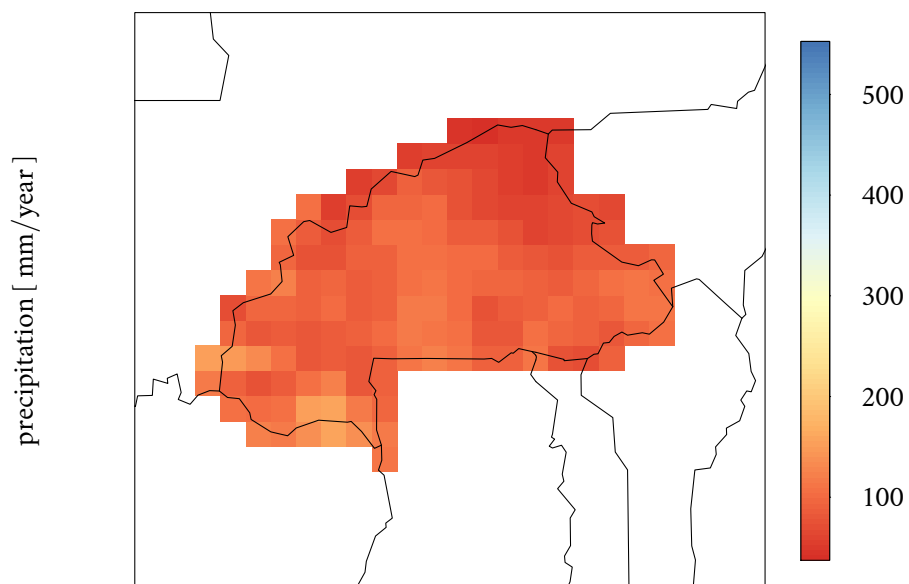


Figure 533: Mean across years, RCP 2.6, 2060 .. 2089

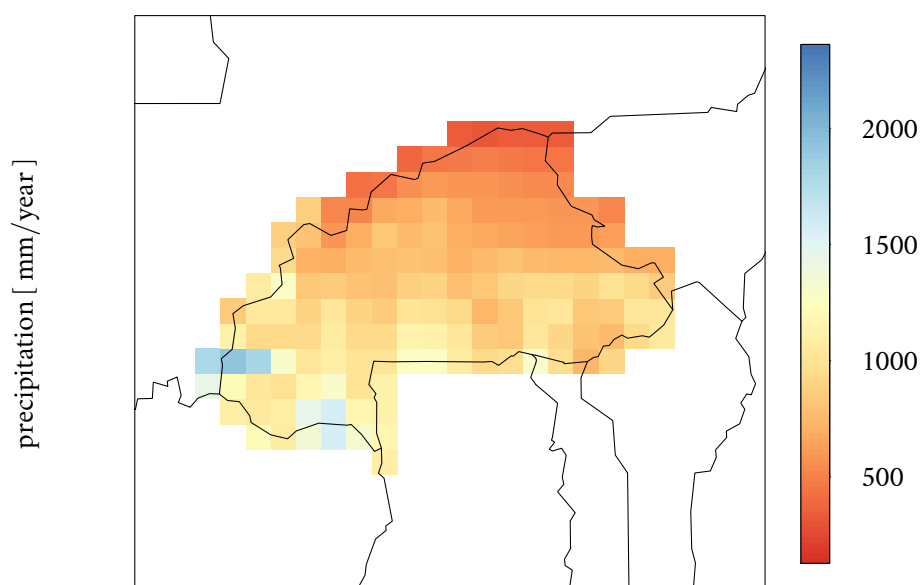


Figure 534: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

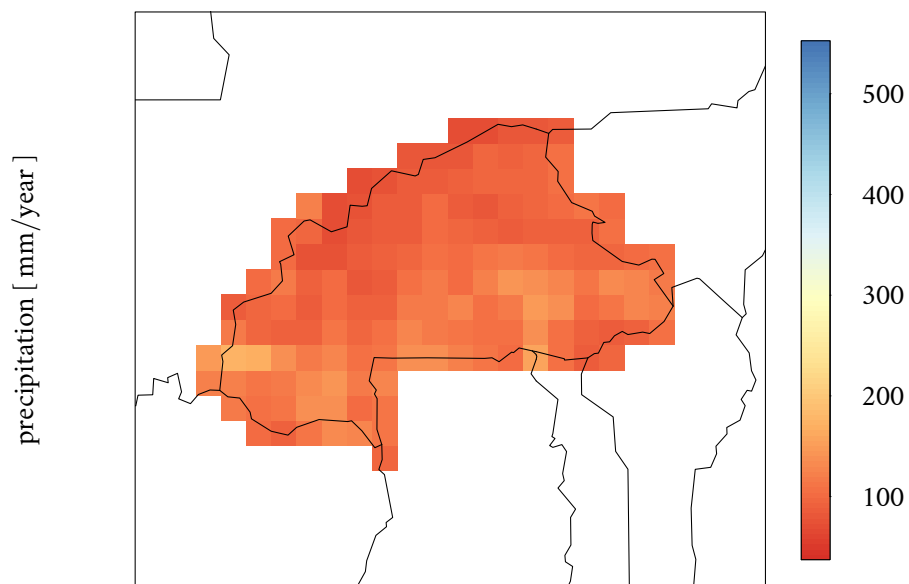
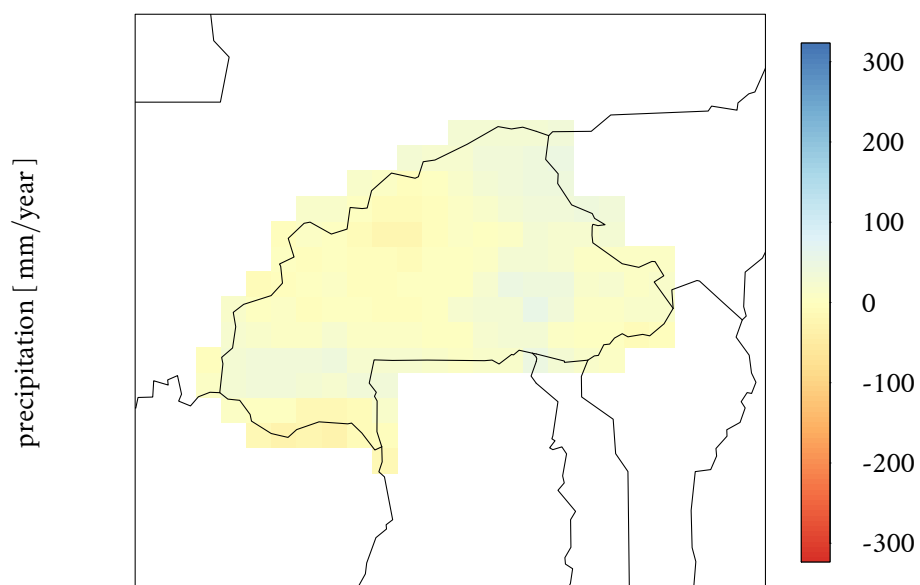


Figure 535: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.1.10 GCM NOAA-GFDL-GFDL-ESM2G / RCM REMO2009

Figure 536: Mean across years, RCP 2.6, 2020 .. 2049

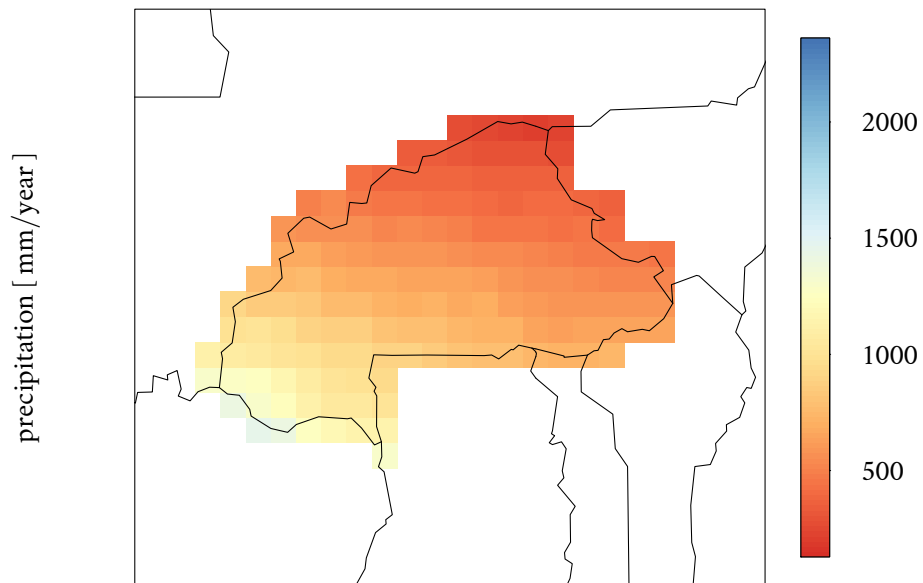


Figure 537: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

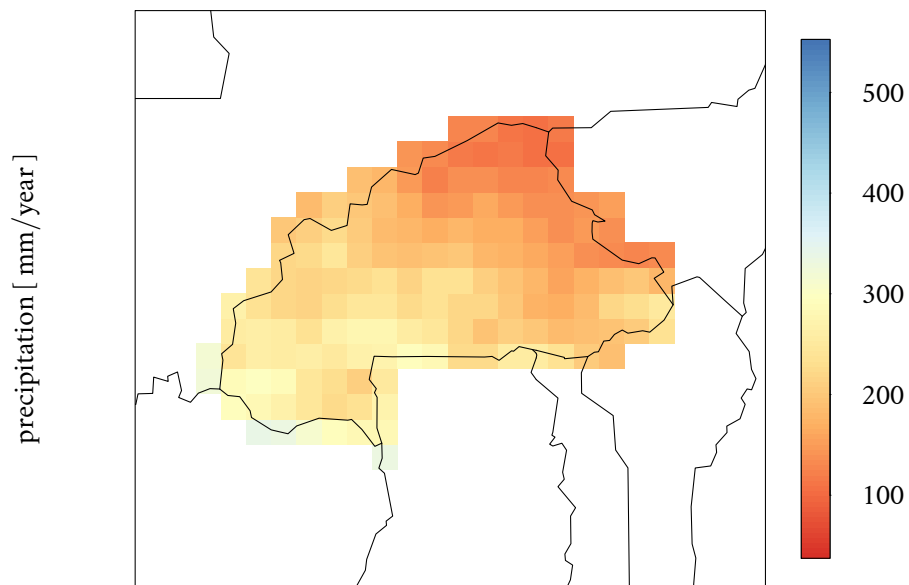


Figure 538: Mean across years, RCP 2.6, 2060 .. 2089

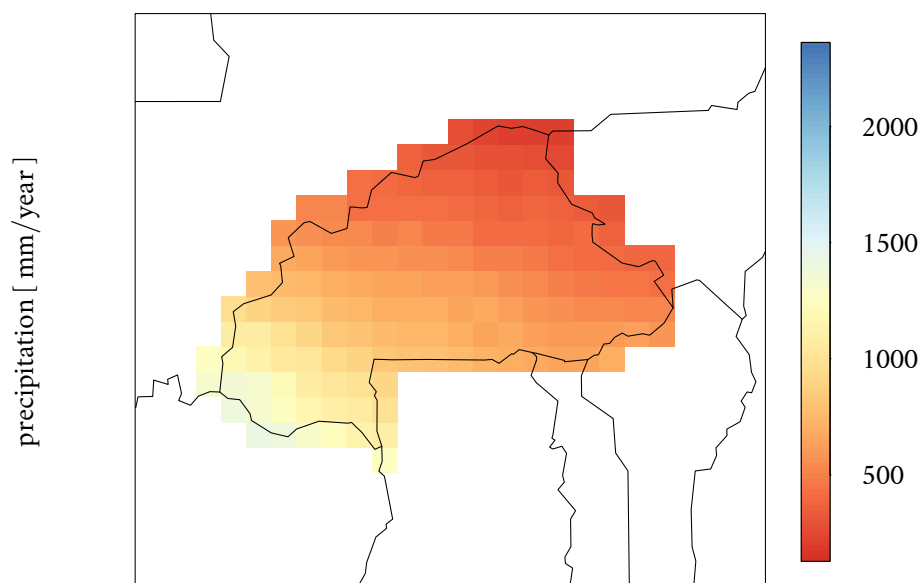


Figure 539: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

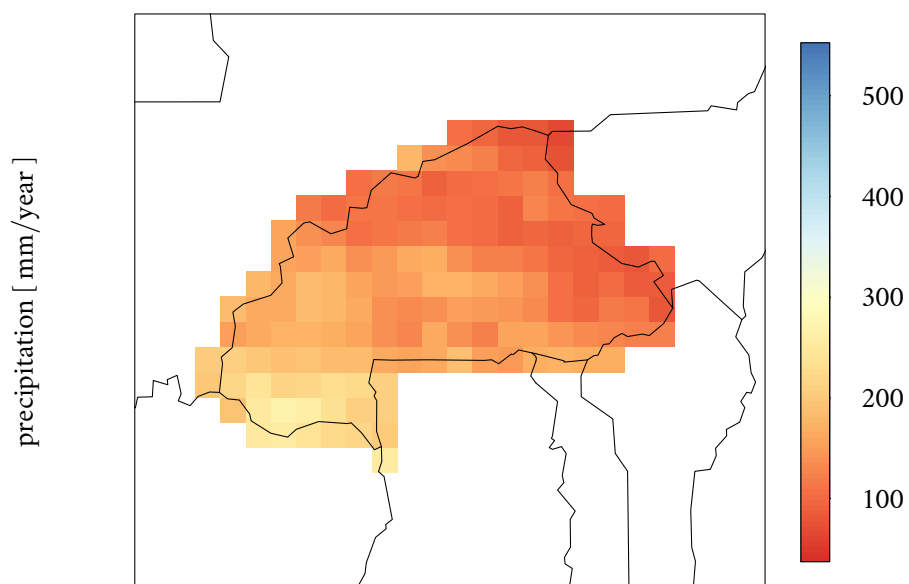
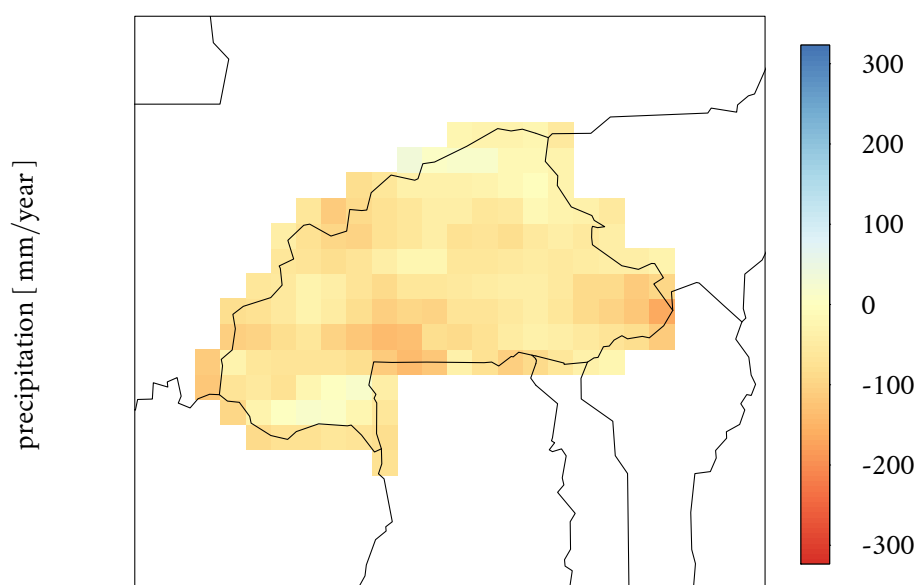


Figure 540: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.2 Burkina Faso / RCP 8.5

B.2.1 GCM CCCma-CanESM2 / RCM RCA4

Figure 541: Mean across years, RCP 8.5, 2020 .. 2049

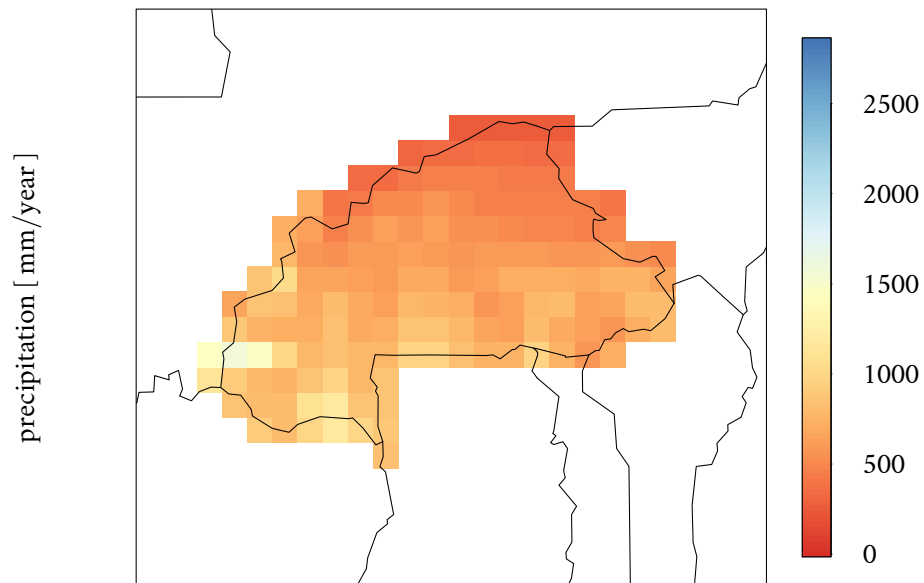


Figure 542: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

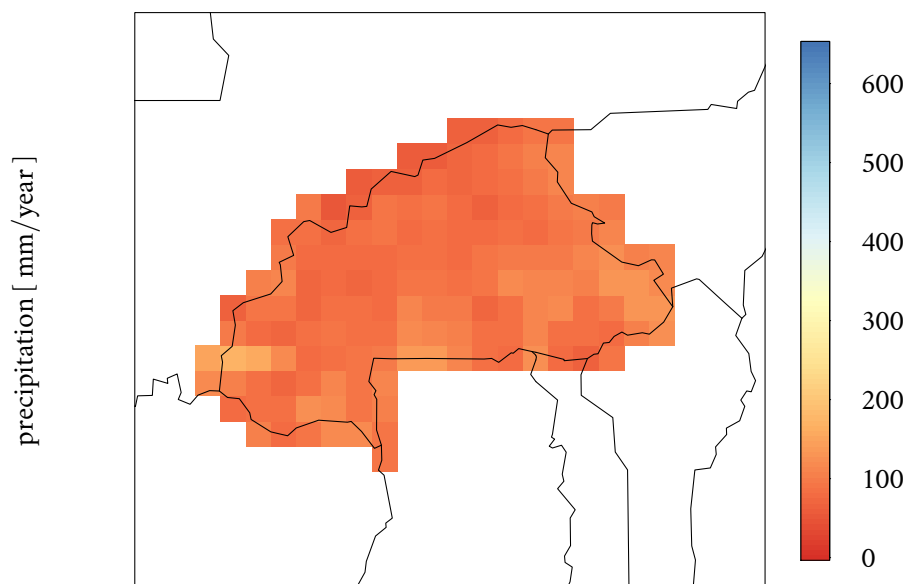


Figure 543: Mean across years, RCP 8.5, 2060 .. 2089

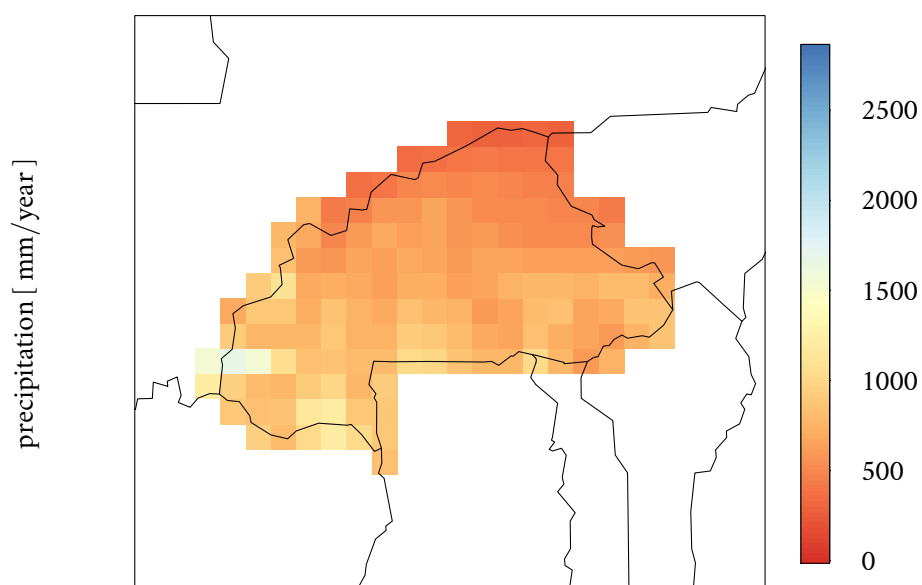


Figure 544: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

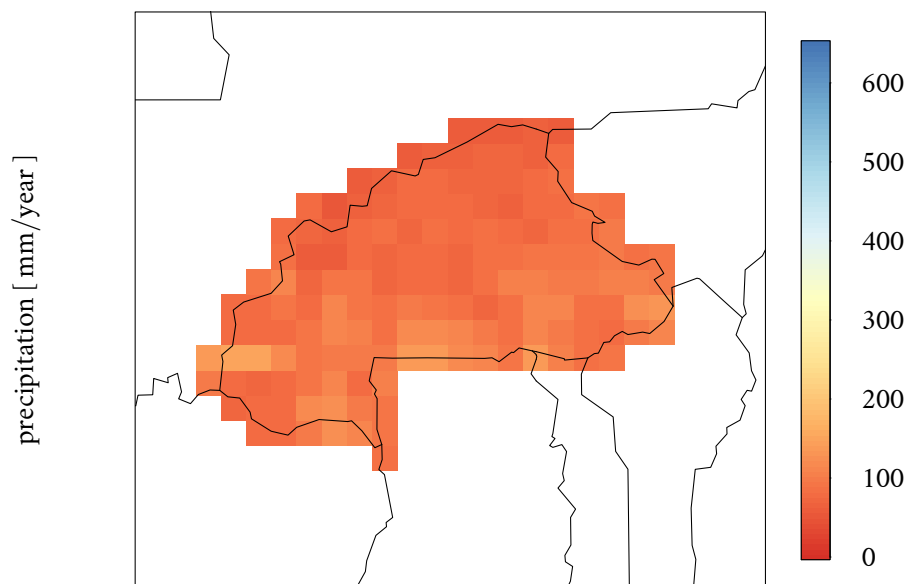
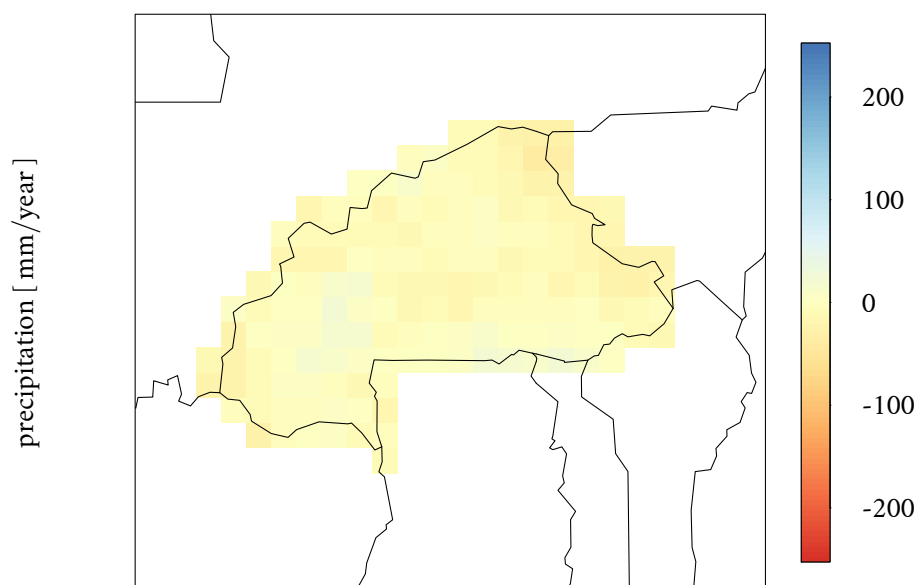


Figure 545: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.2 GCM CNRM-CERFACS-CNRM-CM5 / RCM CCLM4-8-17

Figure 546: Mean across years, RCP 8.5, 2020 .. 2049

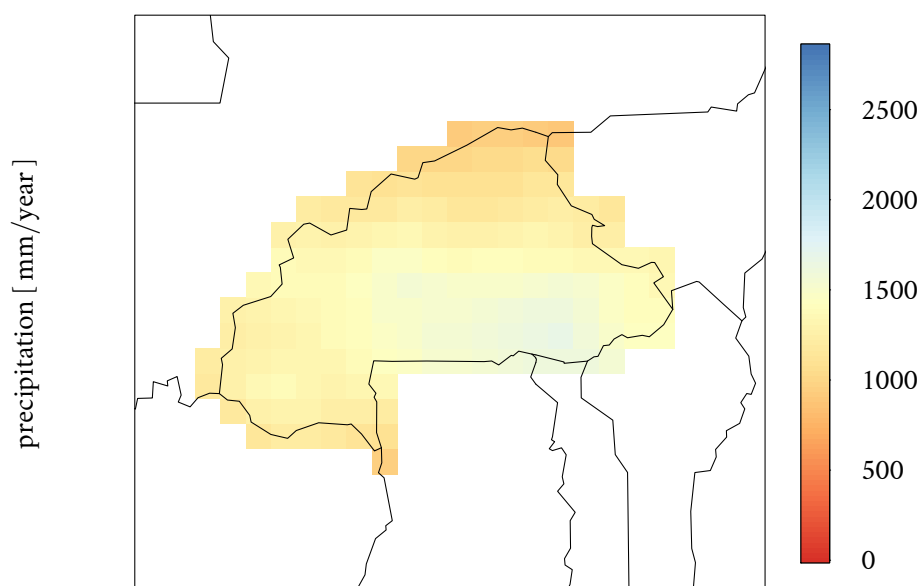


Figure 547: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

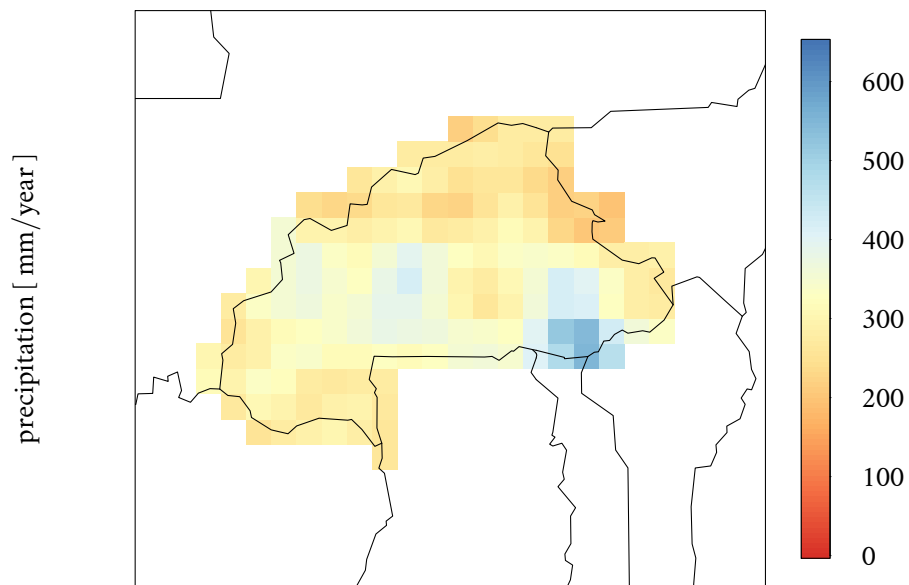


Figure 548: Mean across years, RCP 8.5, 2060 .. 2089

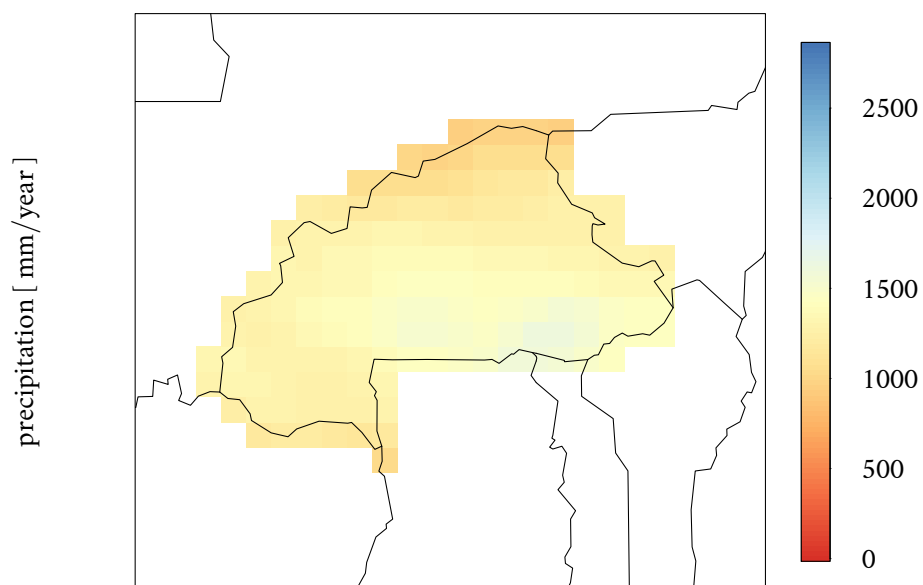


Figure 549: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

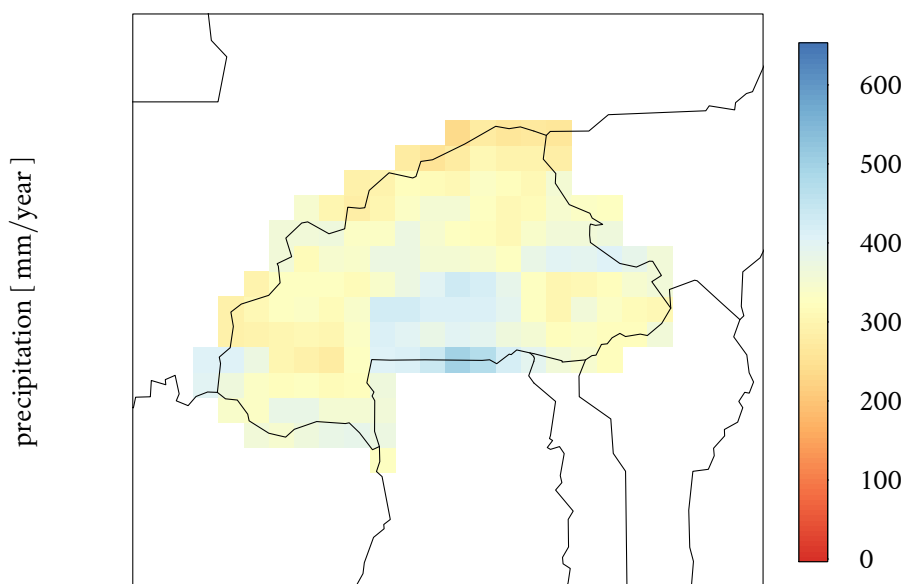
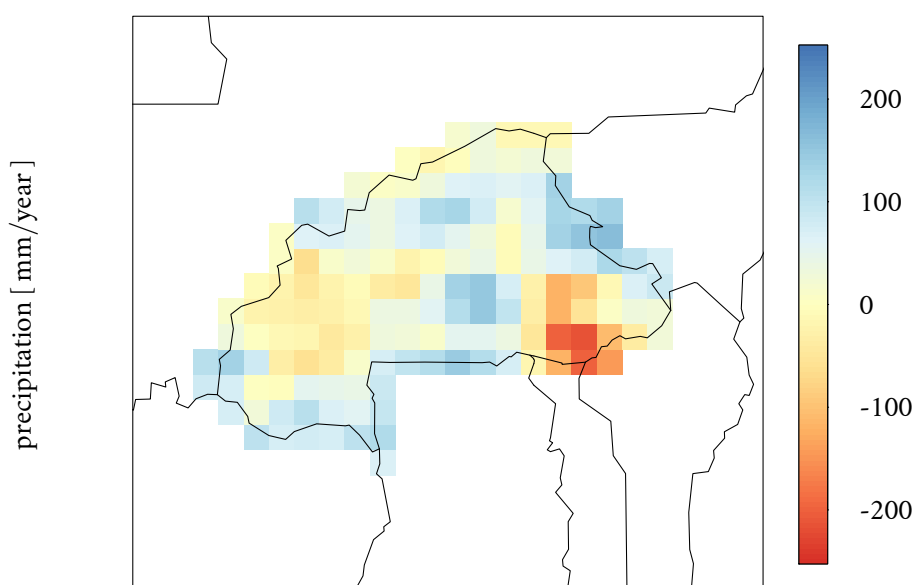


Figure 550: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.3 GCM CNRM-CERFACS-CNRM-CM5 / RCM RCA4

Figure 551: Mean across years, RCP 8.5, 2020 .. 2049

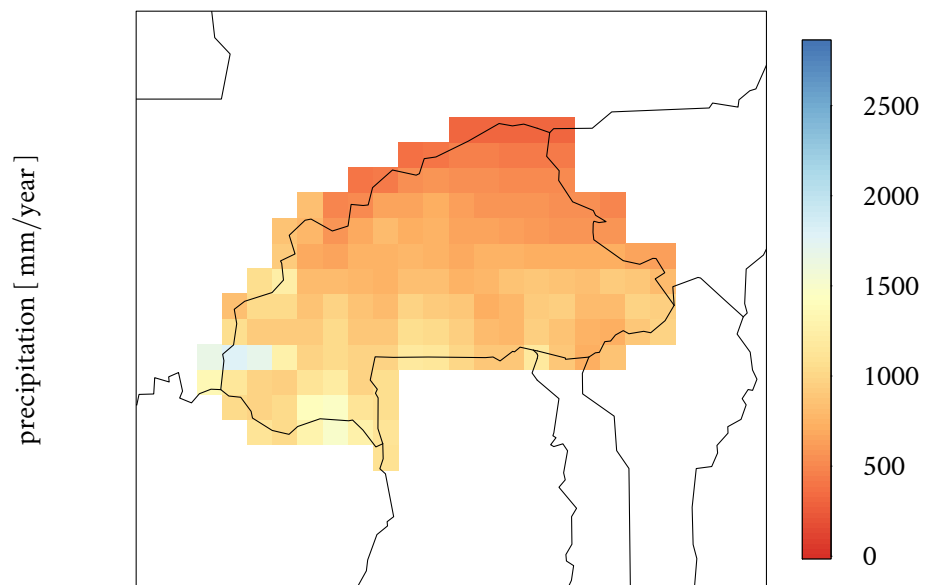


Figure 552: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

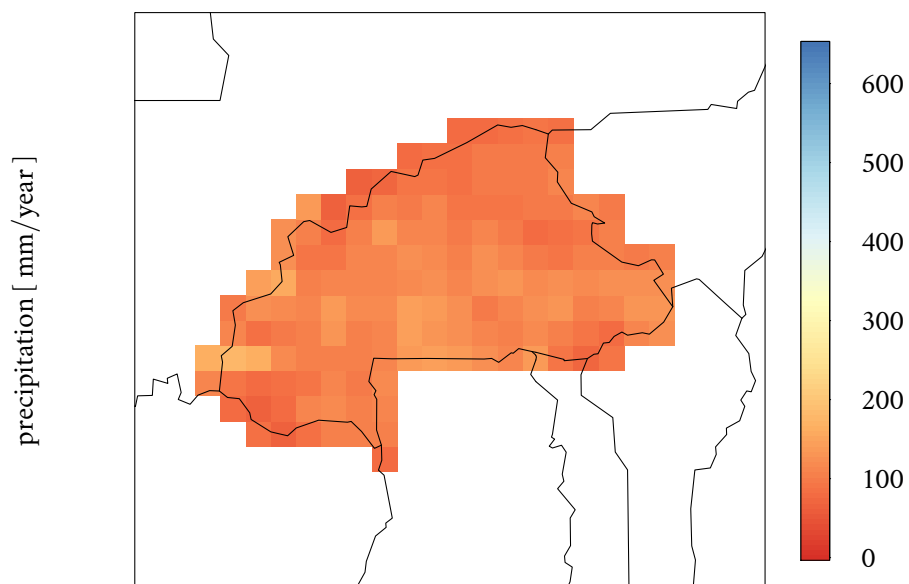


Figure 553: Mean across years, RCP 8.5, 2060 .. 2089

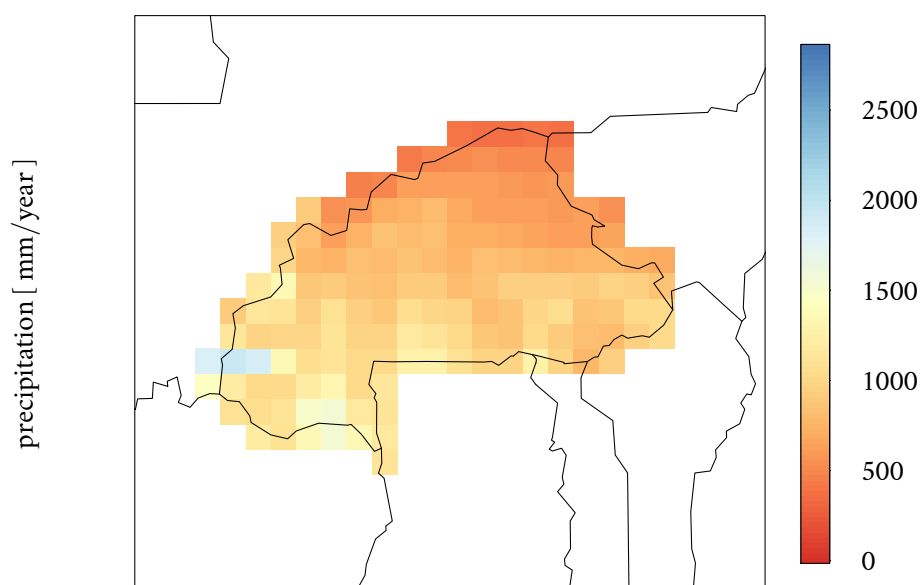


Figure 554: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

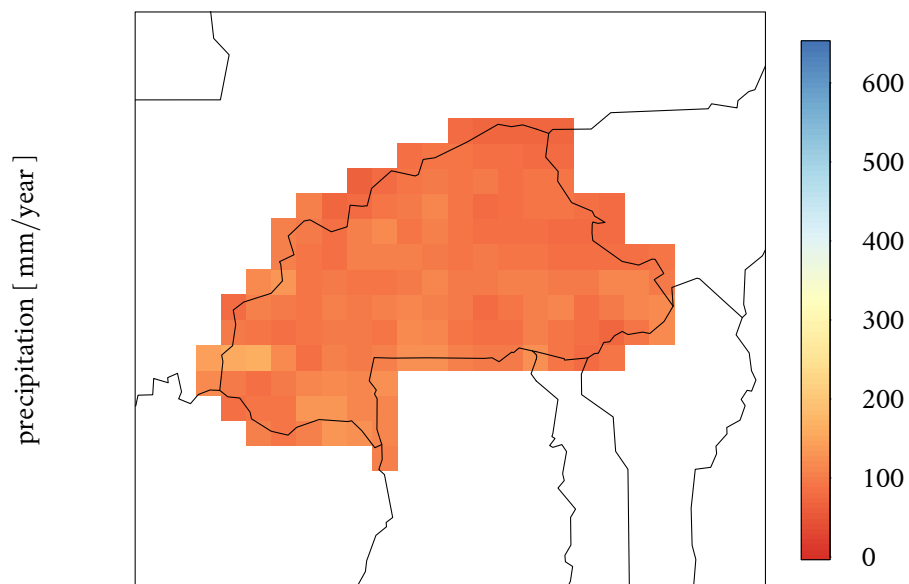
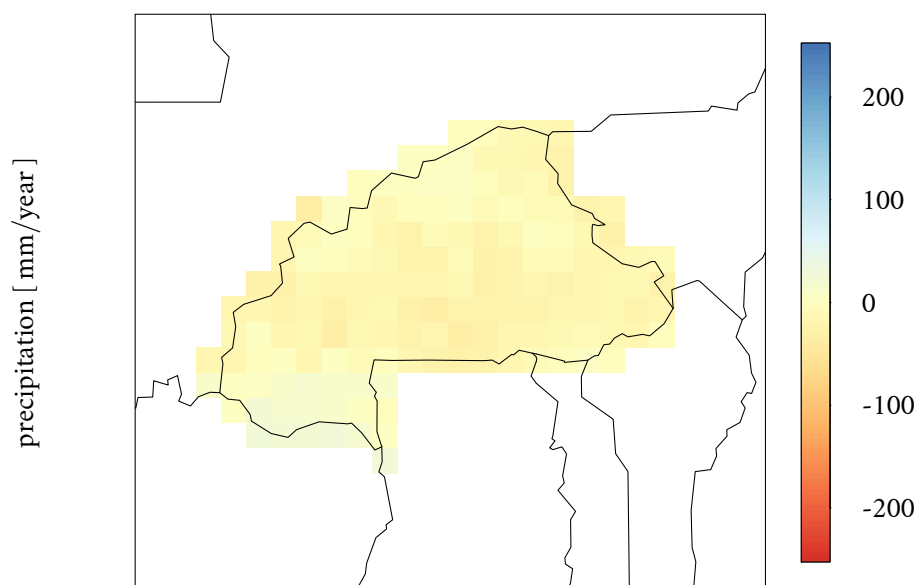


Figure 555: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.4 GCM CSIRO-QCCCE-CSIRO-Mk3-6-0 / RCM RCA4

Figure 556: Mean across years, RCP 8.5, 2020 .. 2049

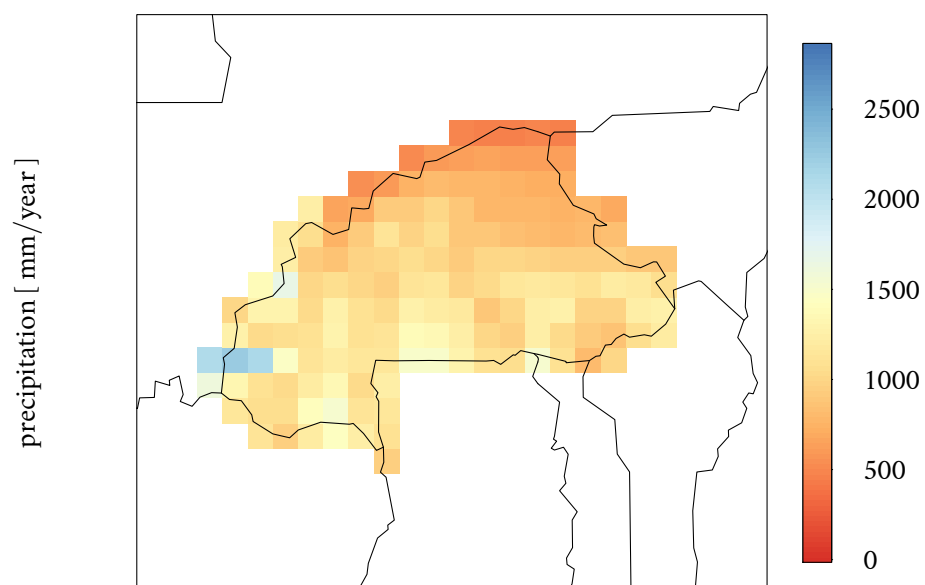


Figure 557: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

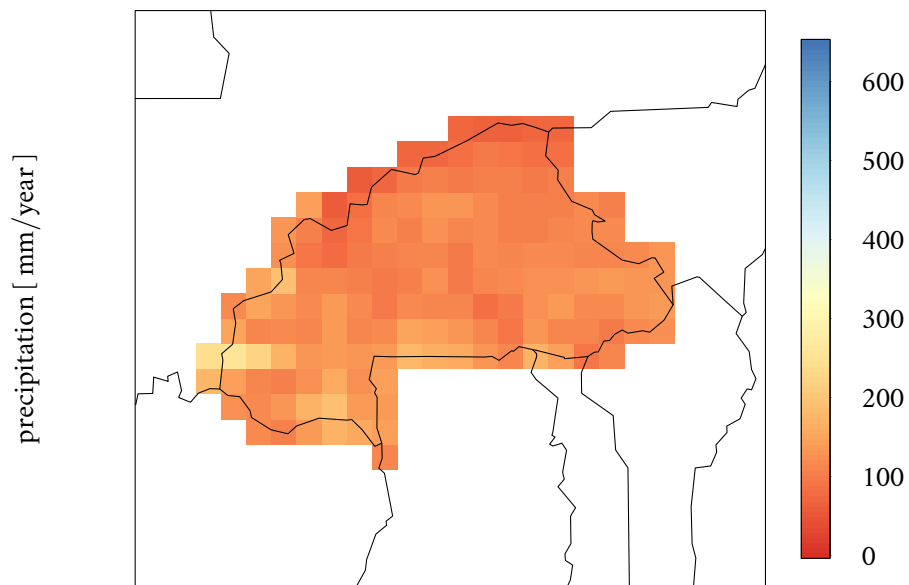


Figure 558: Mean across years, RCP 8.5, 2060 .. 2089

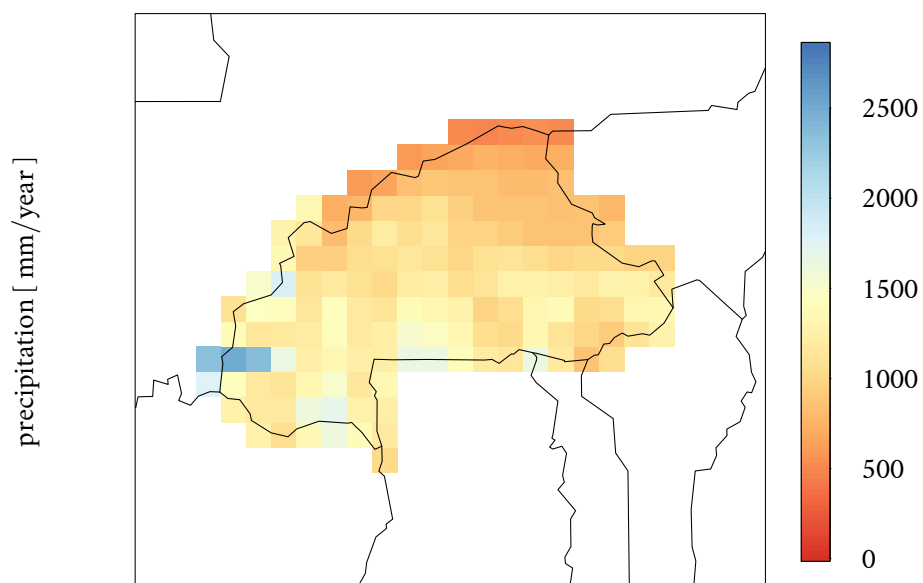


Figure 559: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

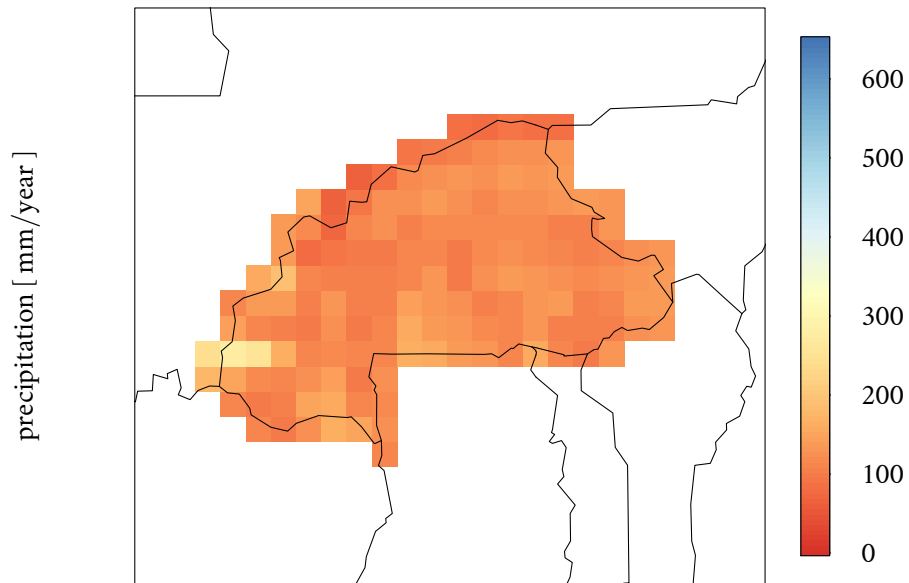
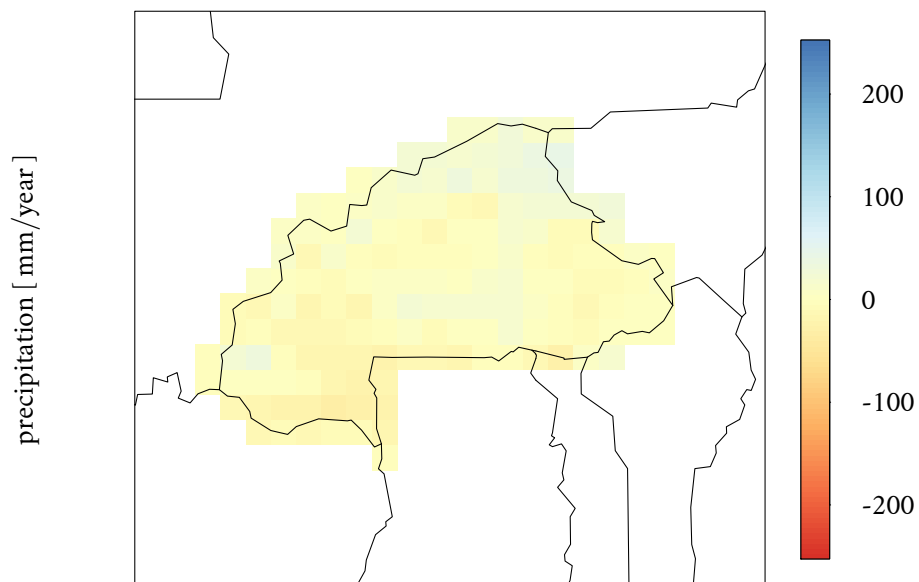


Figure 560: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.5 GCM ICHEC-EC-EARTH / RCM RACMO22T

Figure 561: Mean across years, RCP 8.5, 2020 .. 2049

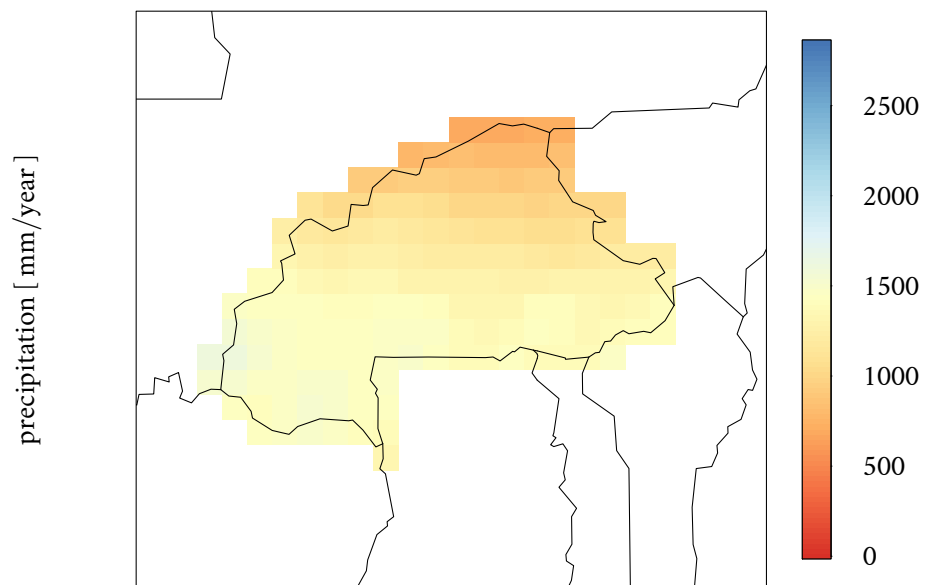


Figure 562: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

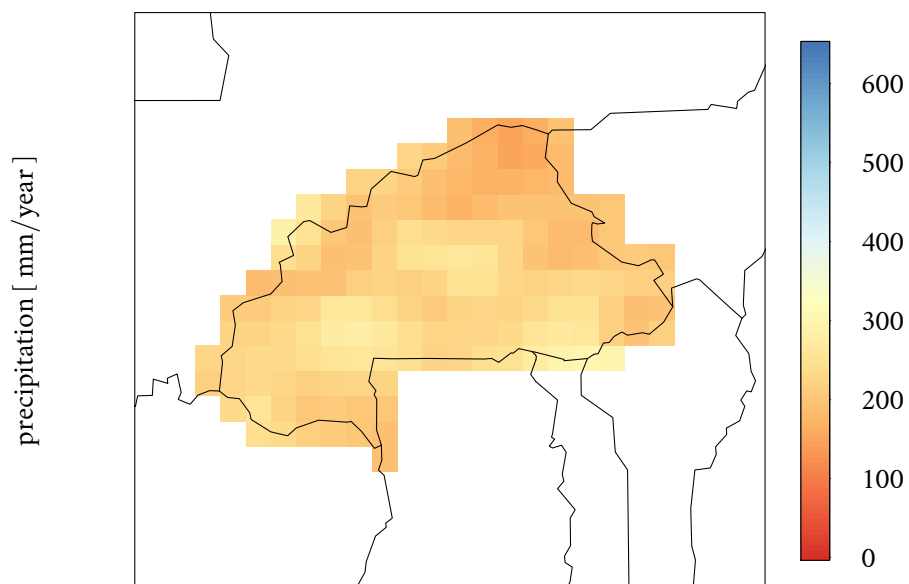


Figure 563: Mean across years, RCP 8.5, 2060 .. 2089

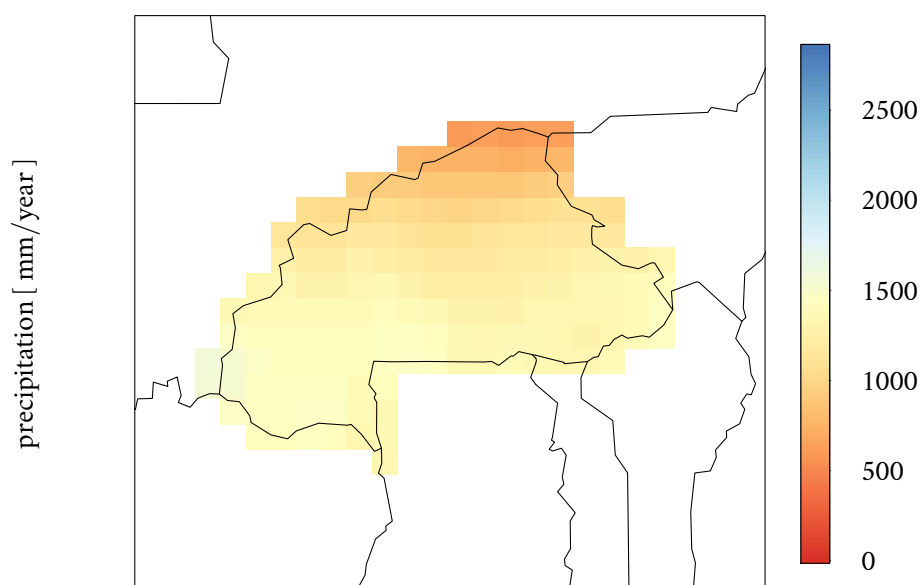


Figure 564: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

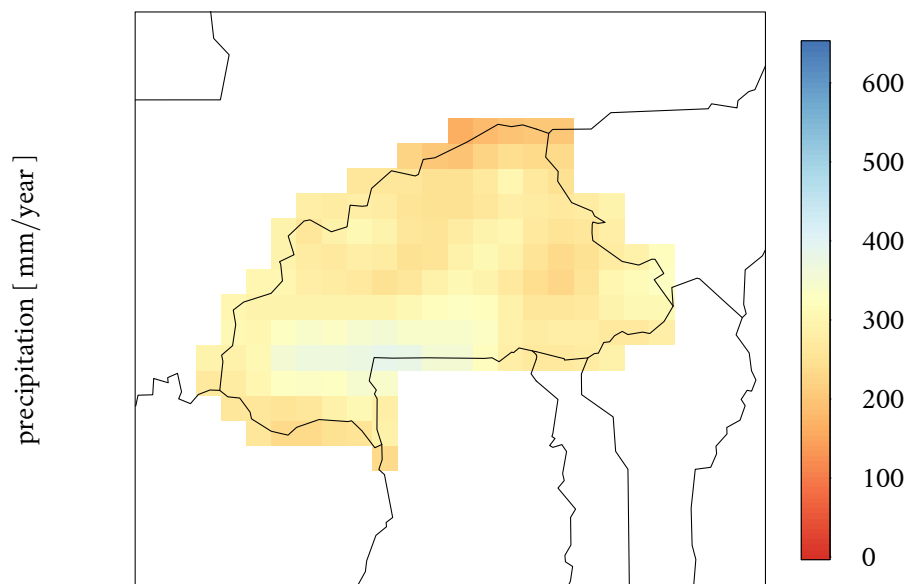
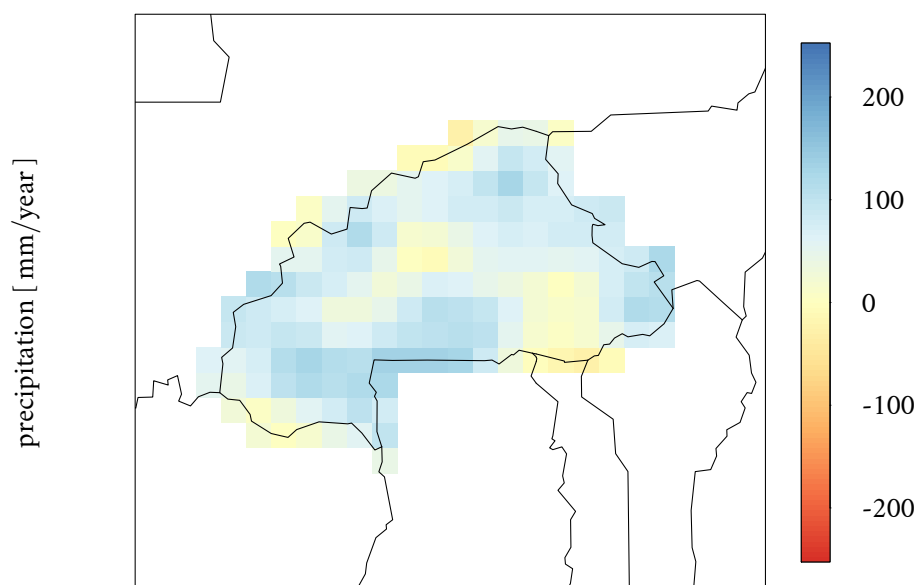


Figure 565: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.6 GCM ICHEC-EC-EARTH / RCM RCA4

Figure 566: Mean across years, RCP 8.5, 2020 .. 2049

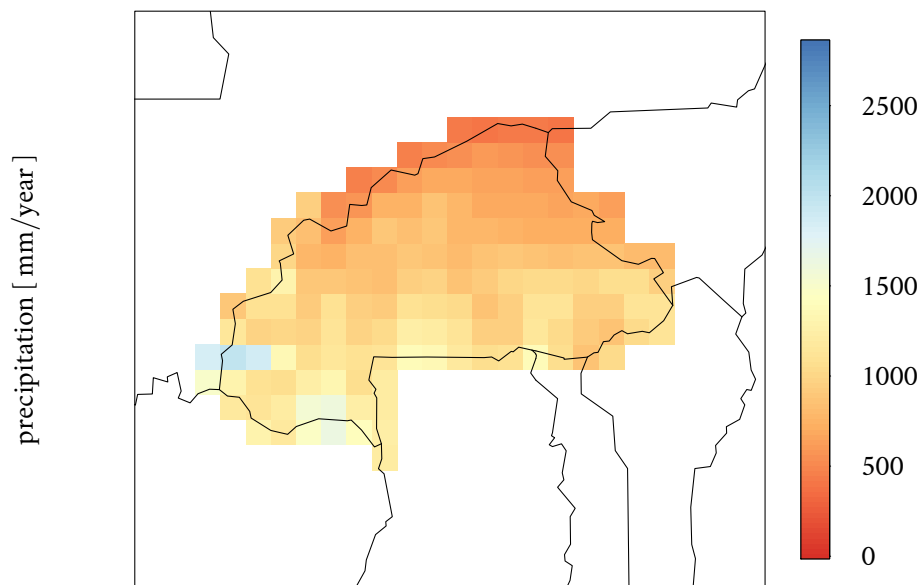


Figure 567: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

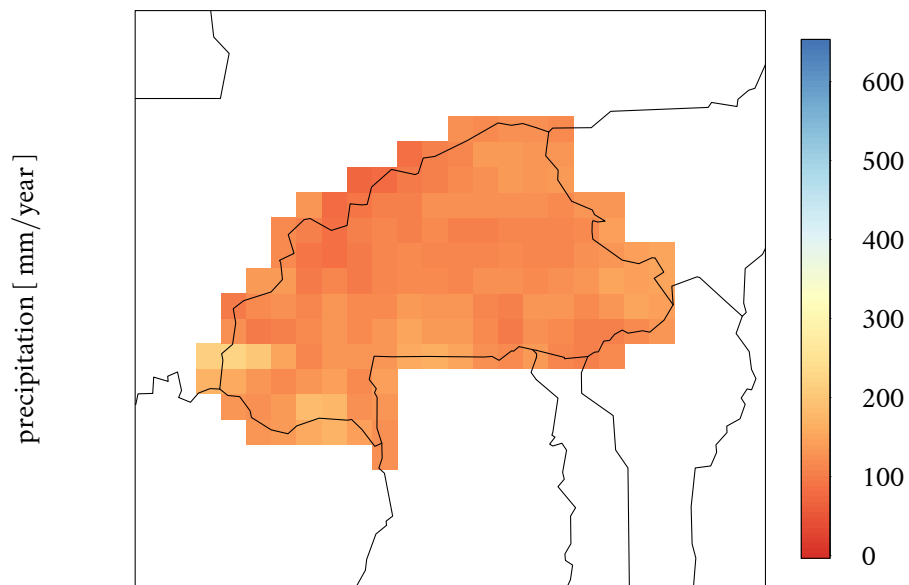


Figure 568: Mean across years, RCP 8.5, 2060 .. 2089

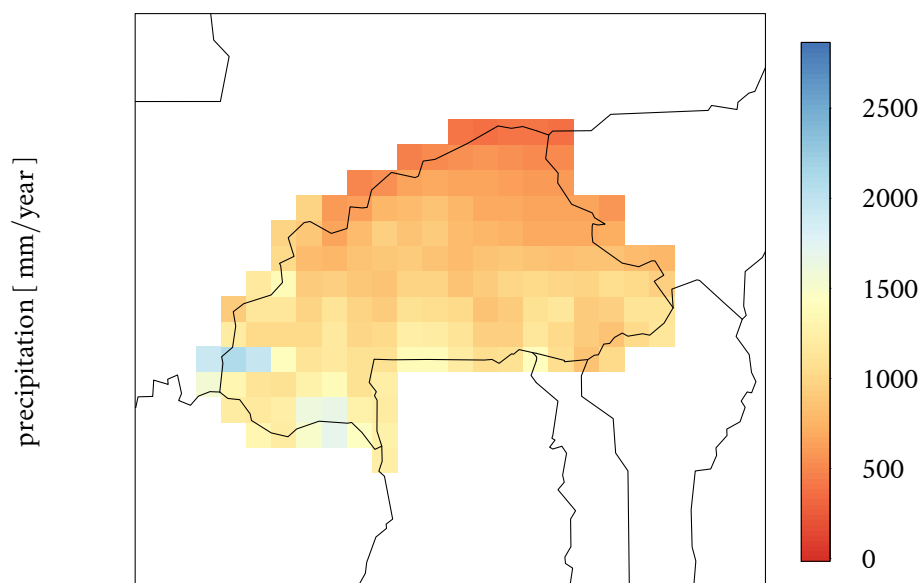


Figure 569: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

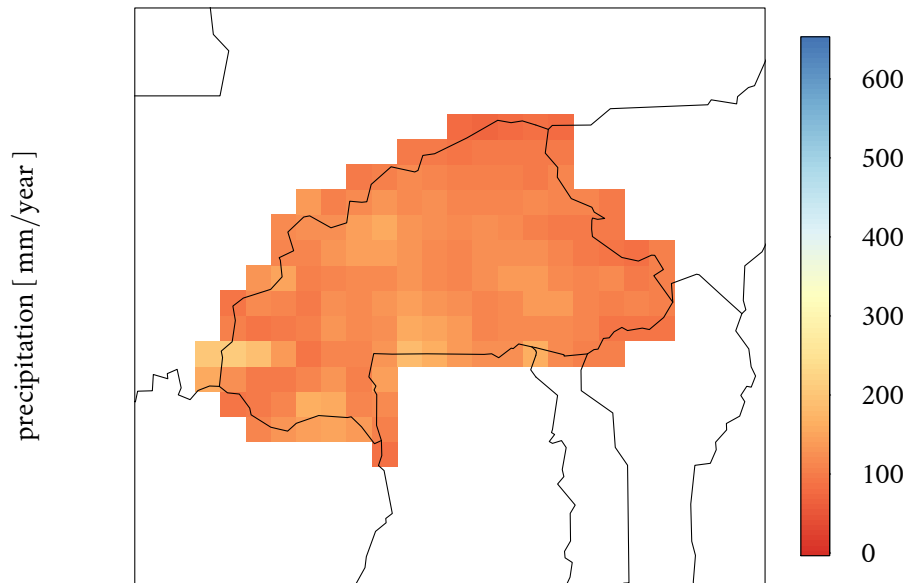
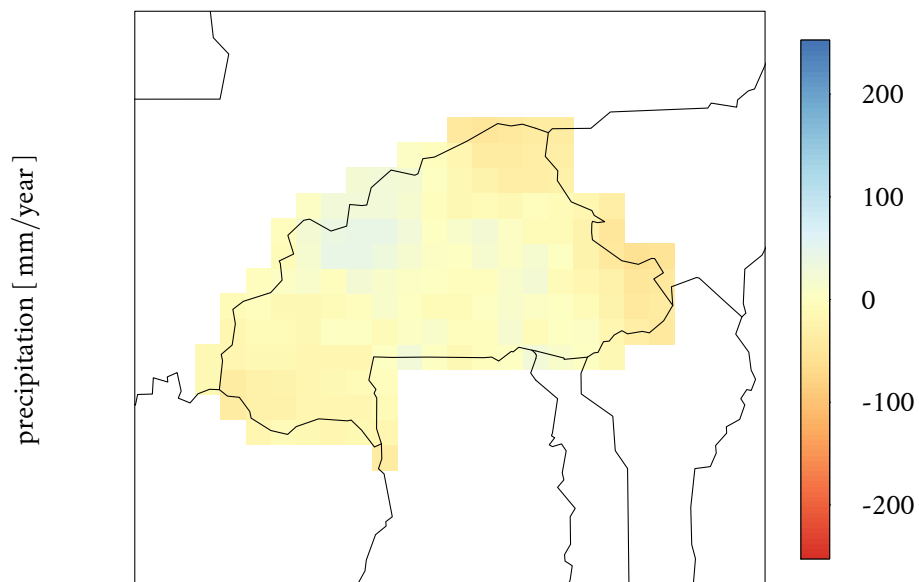


Figure 570: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.7 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 571: Mean across years, RCP 8.5, 2020 .. 2049

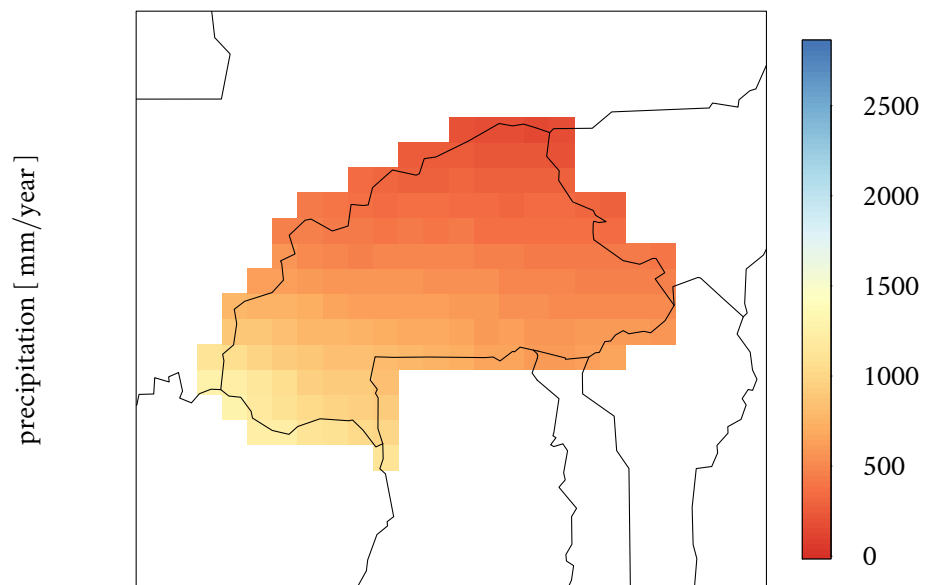


Figure 572: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

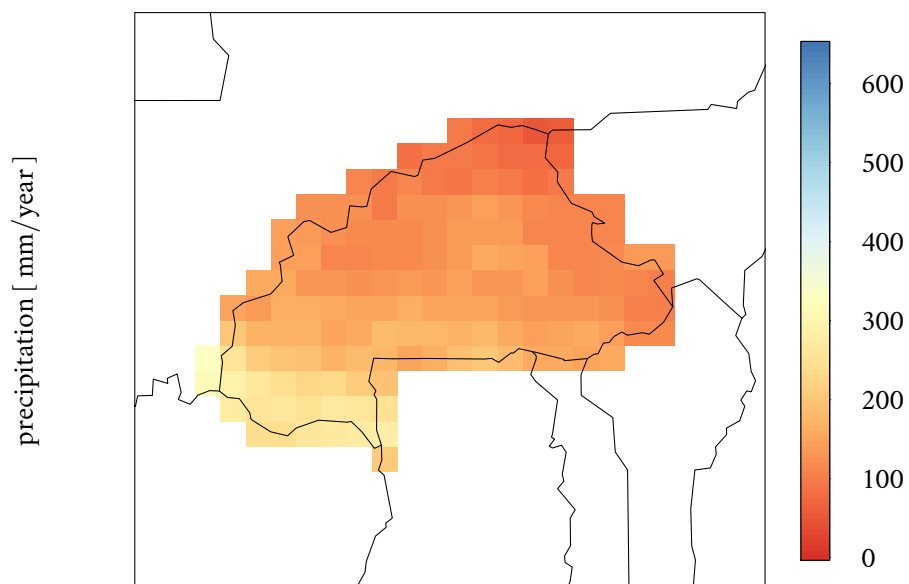


Figure 573: Mean across years, RCP 8.5, 2060 .. 2089

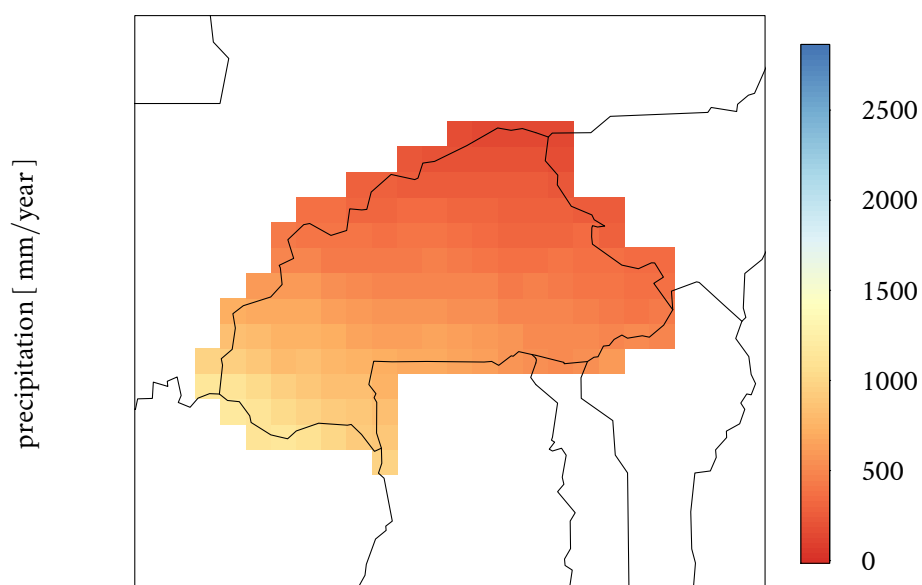


Figure 574: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

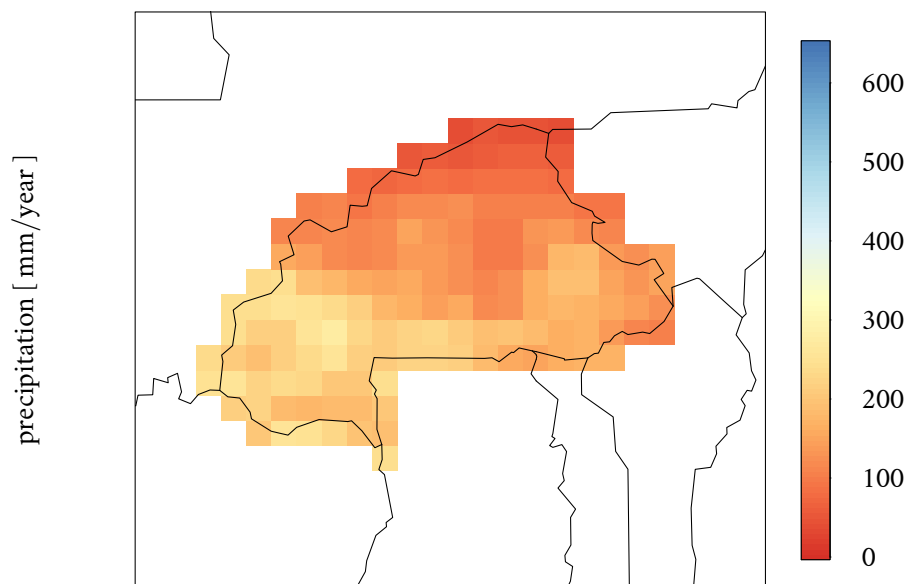
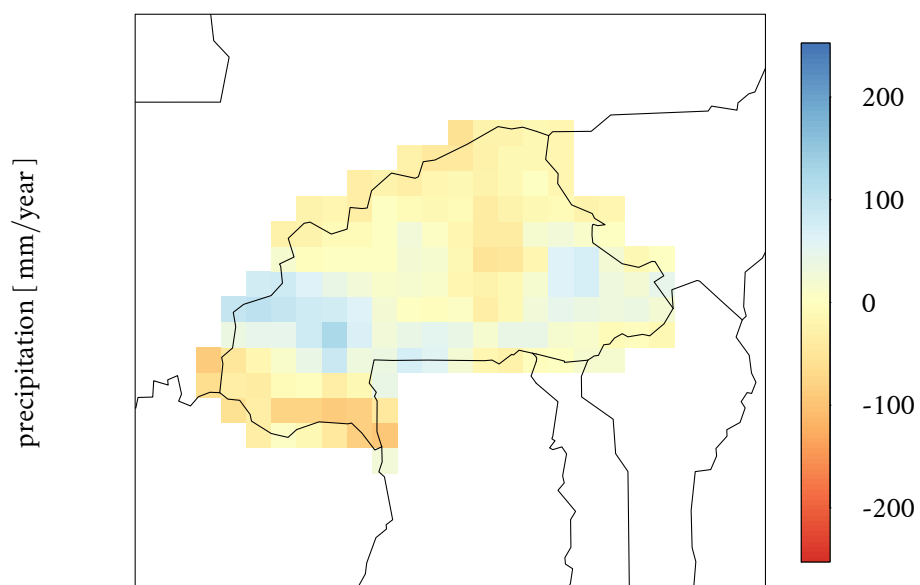


Figure 575: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.8 GCM IPSL-IPSL-CM5A-MR / RCM RCA4

Figure 576: Mean across years, RCP 8.5, 2020 .. 2049

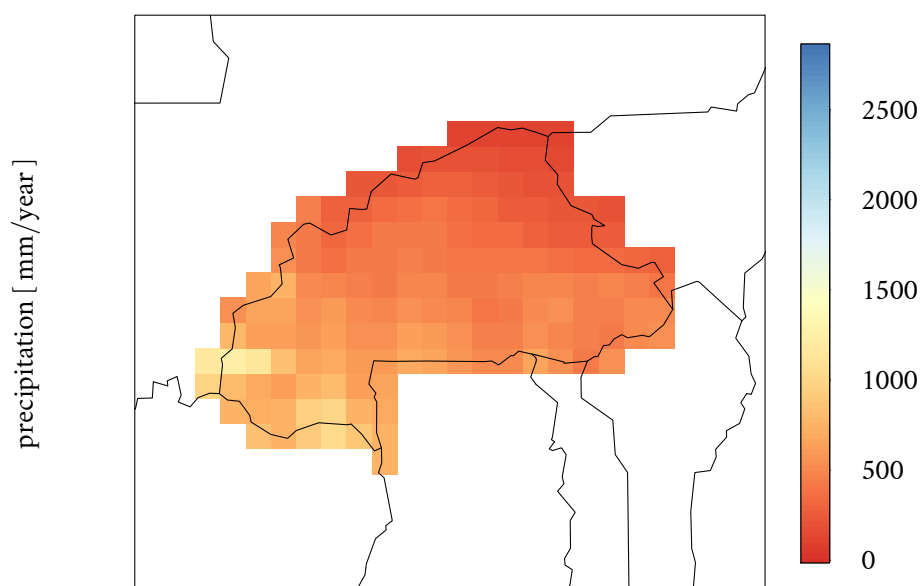


Figure 577: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

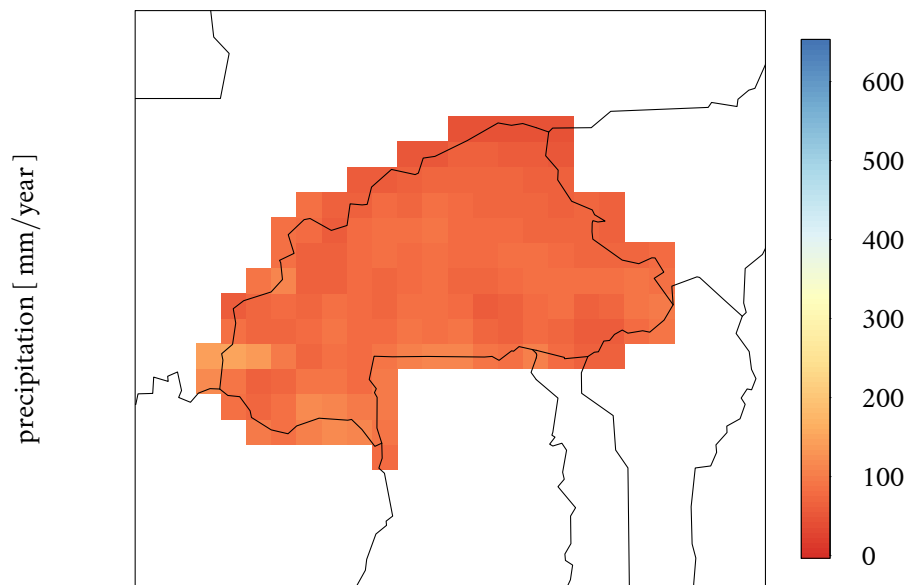


Figure 578: Mean across years, RCP 8.5, 2060 .. 2089

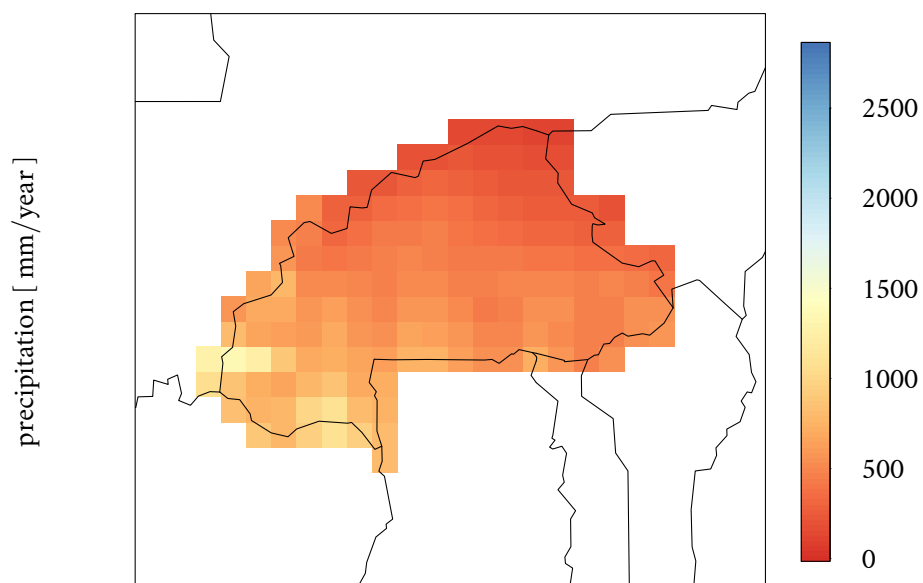


Figure 579: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

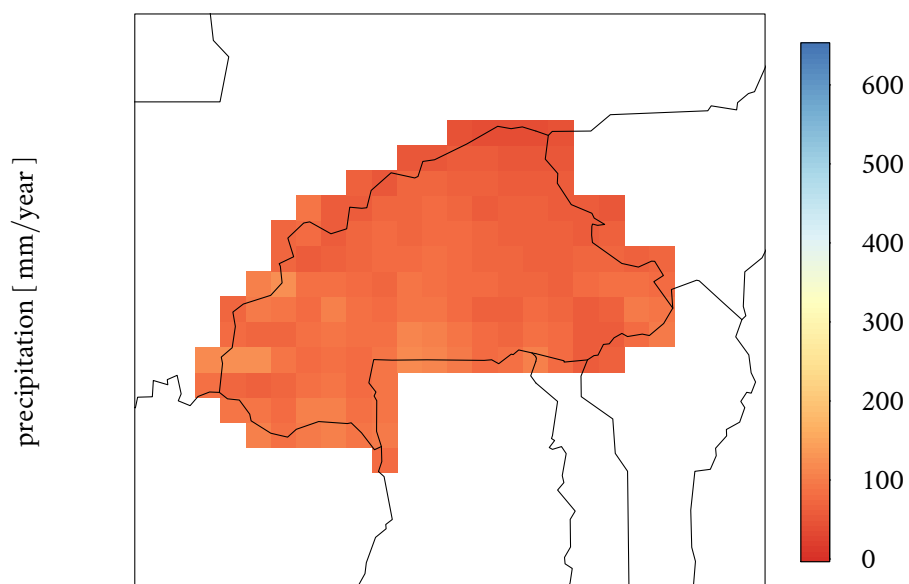
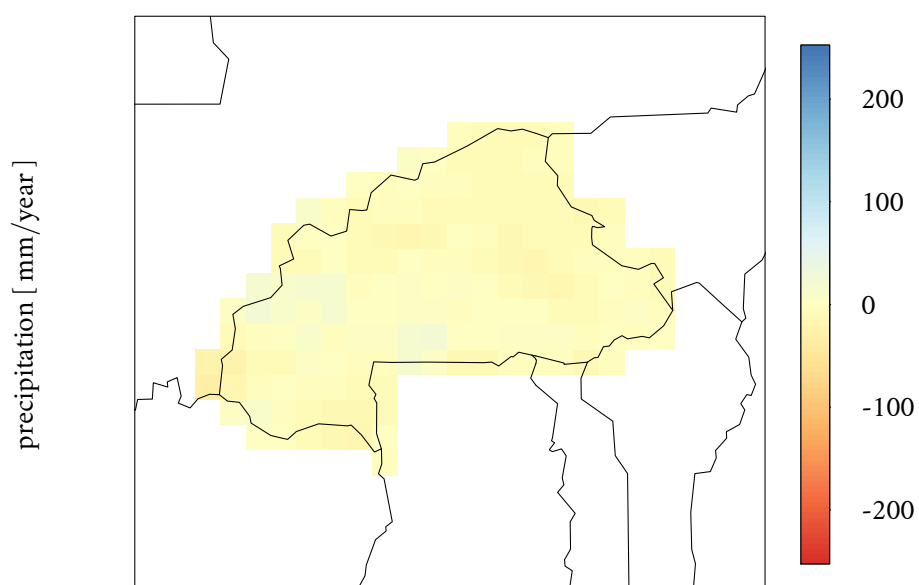


Figure 580: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.9 GCM MIROC-MIROC5 / RCM RCA4

Figure 581: Mean across years, RCP 8.5, 2020 .. 2049

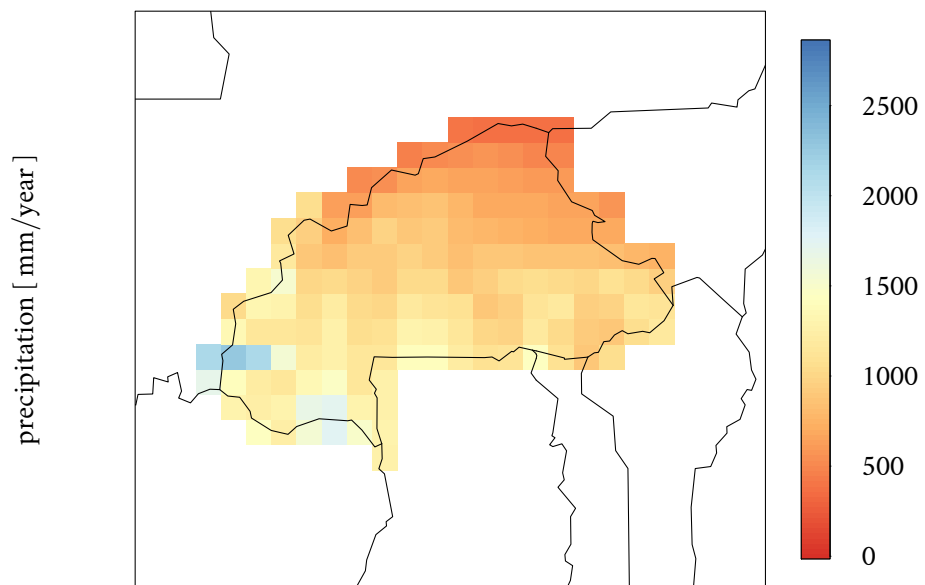


Figure 582: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

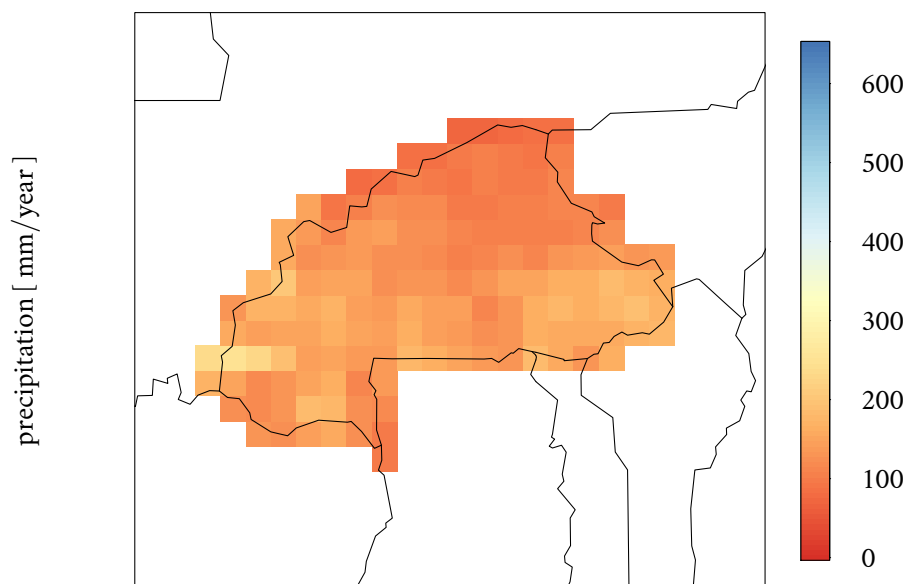


Figure 583: Mean across years, RCP 8.5, 2060 .. 2089

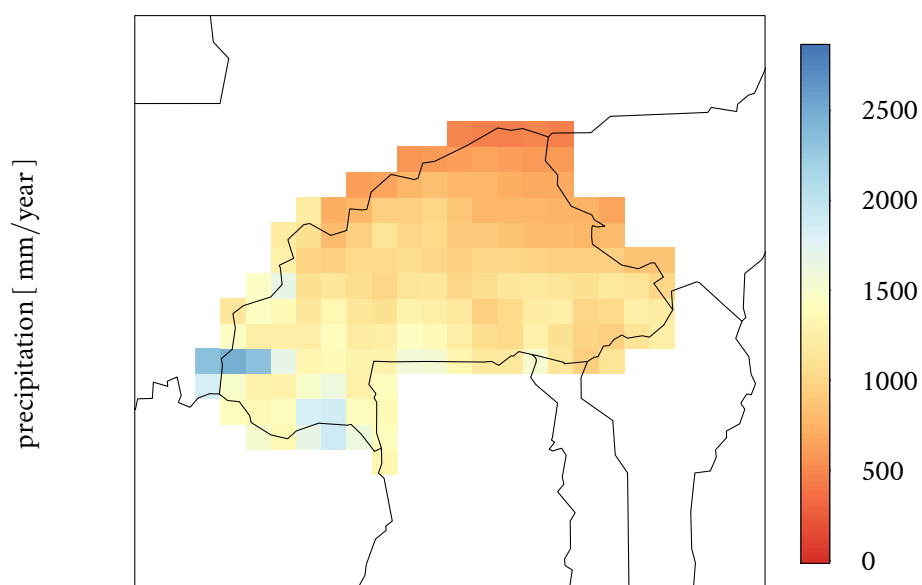


Figure 584: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

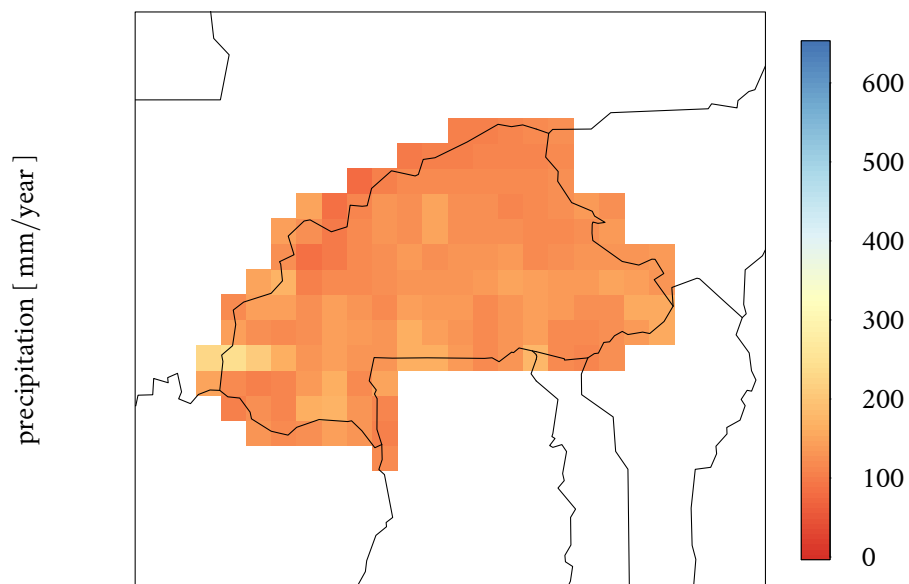
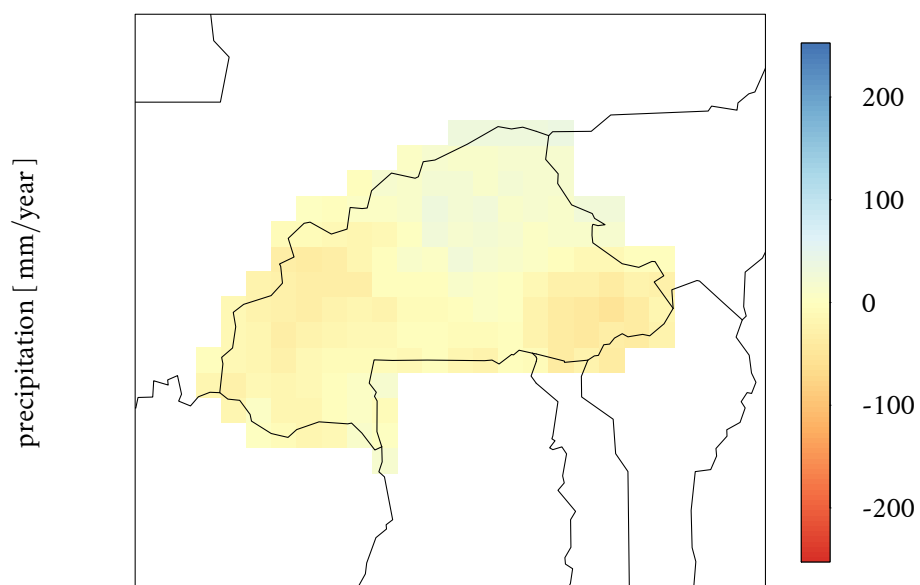


Figure 585: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.10 GCM MIROC-MIROC5 / RCM REMO2009

Figure 586: Mean across years, RCP 8.5, 2020 .. 2049

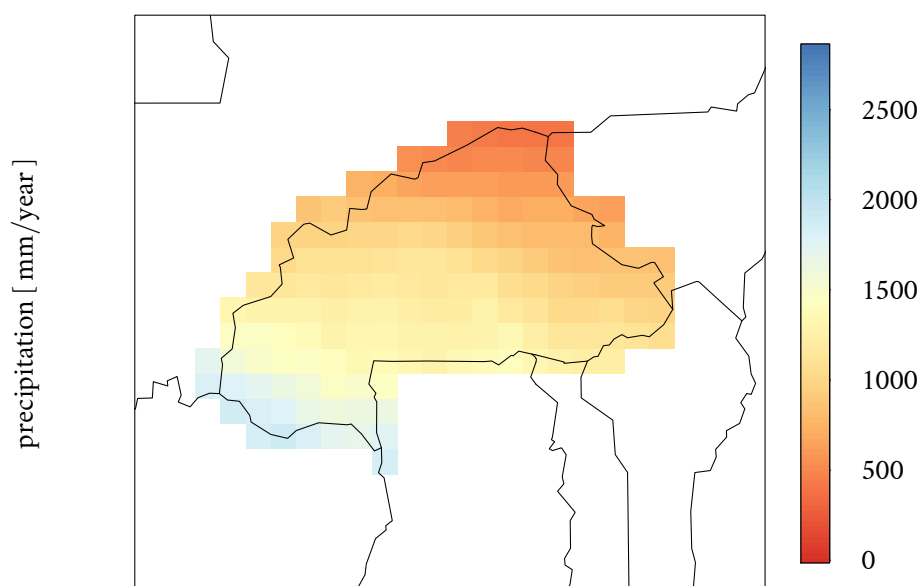


Figure 587: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

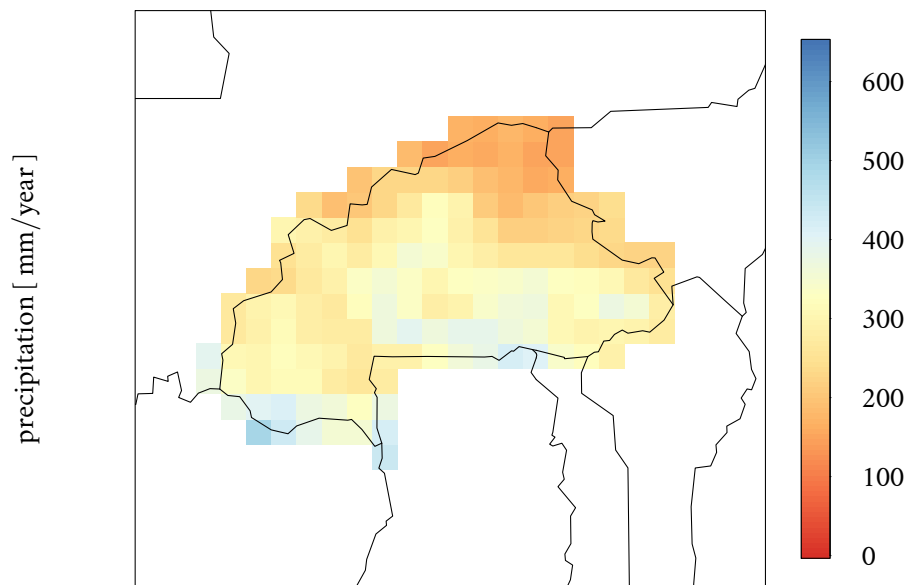


Figure 588: Mean across years, RCP 8.5, 2060 .. 2089

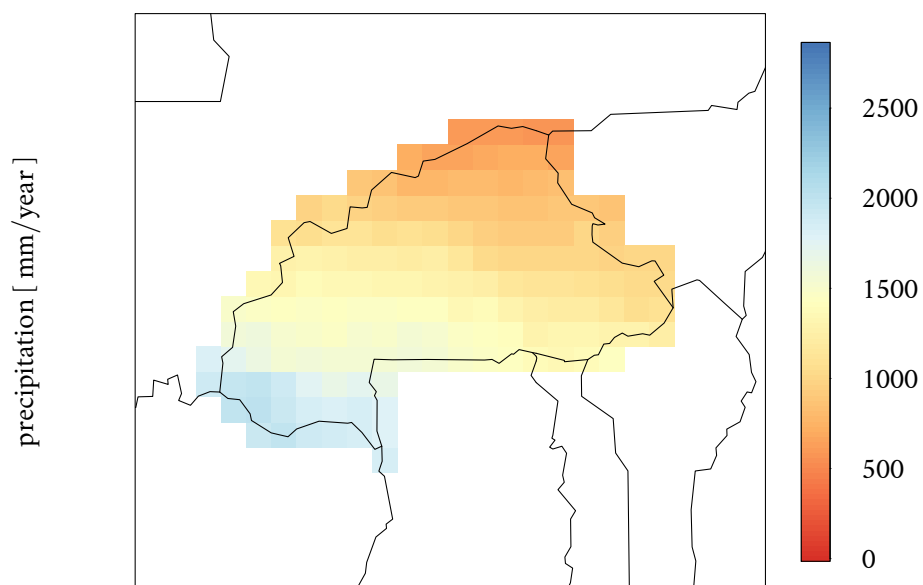


Figure 589: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

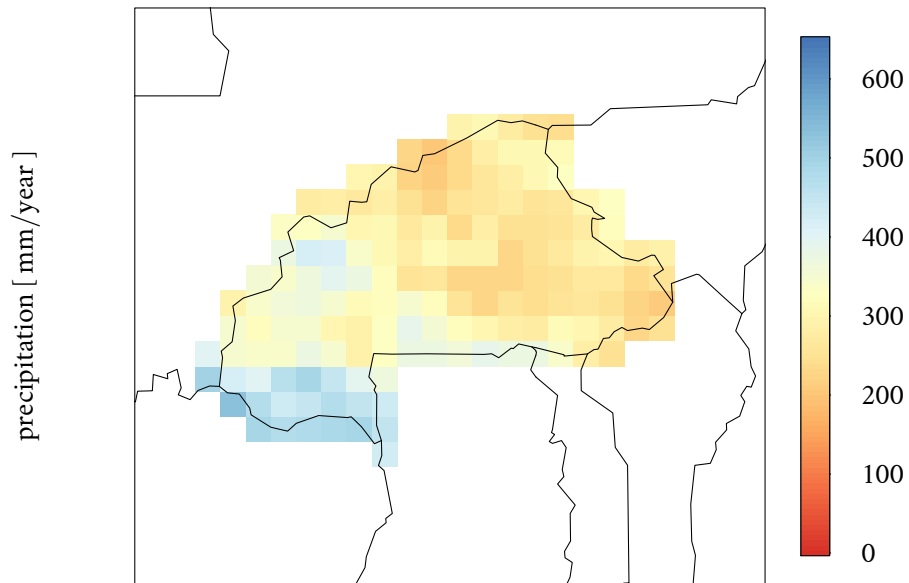
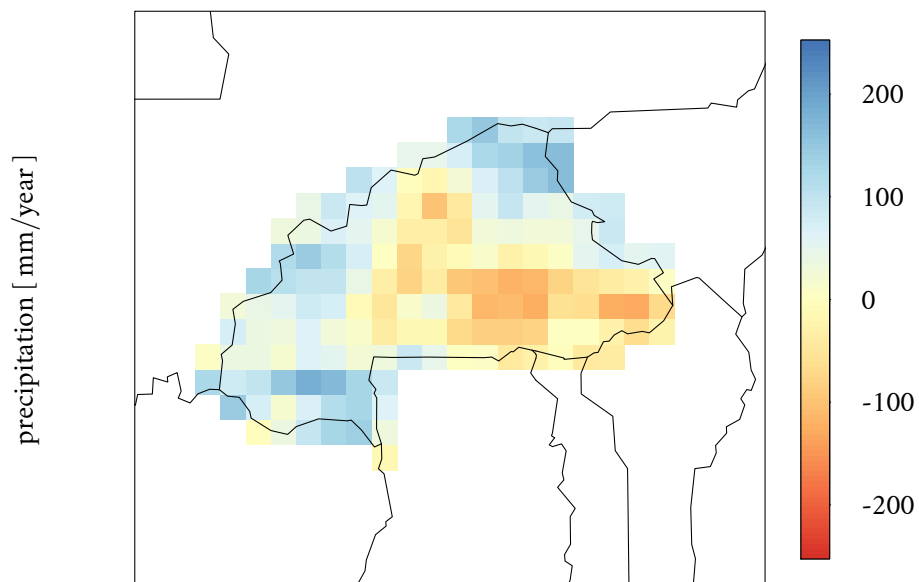


Figure 590: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.11 GCM MOHC-HadGEM2-ES / RCM CCLM4-8-17

Figure 591: Mean across years, RCP 8.5, 2020 .. 2049

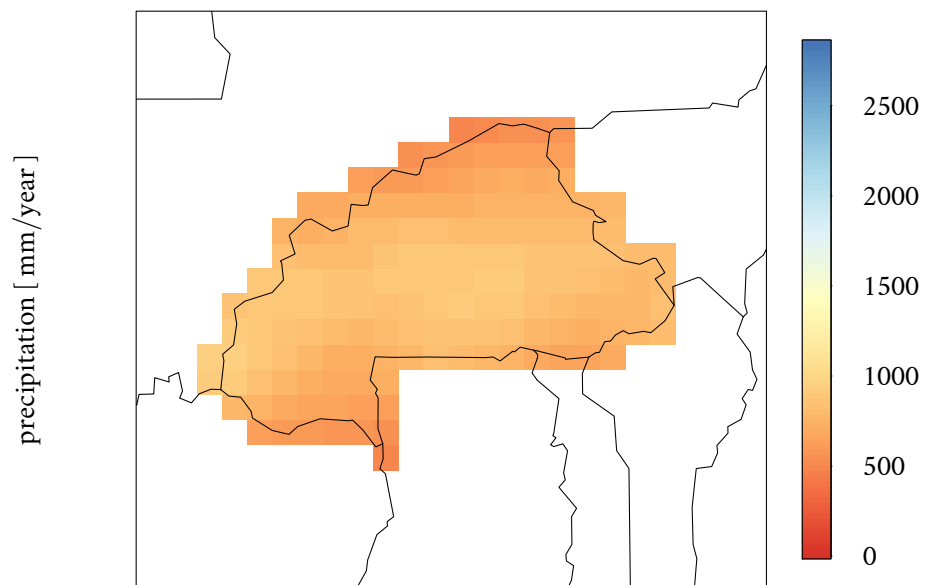


Figure 592: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

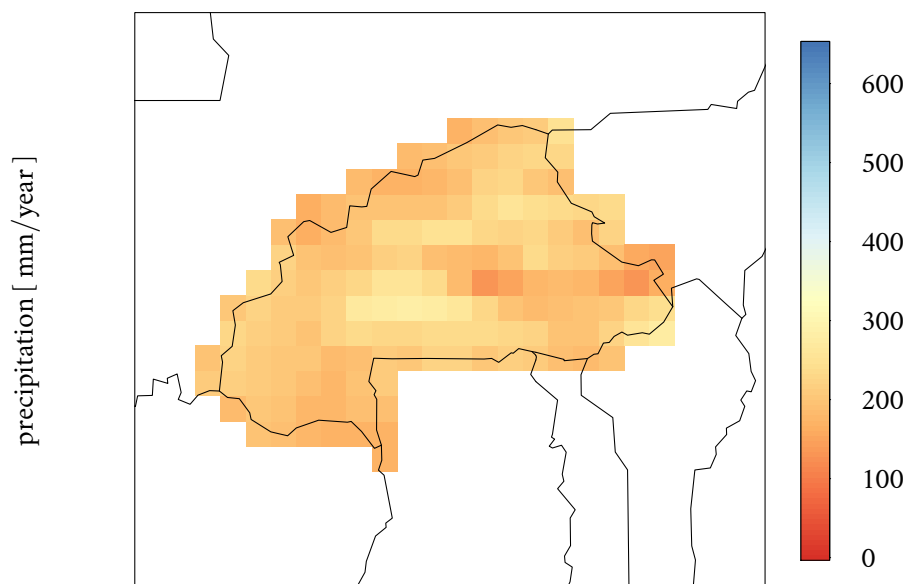


Figure 593: Mean across years, RCP 8.5, 2060 .. 2089

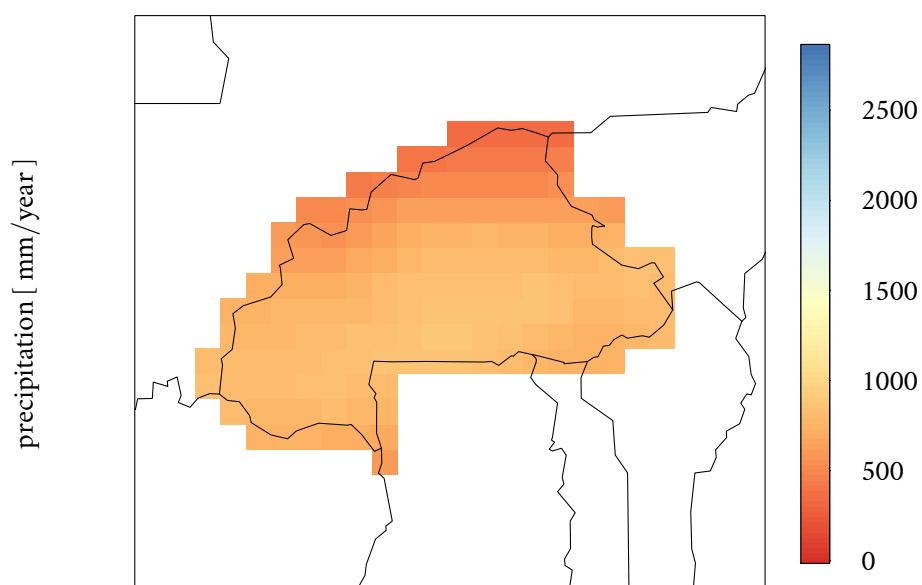


Figure 594: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

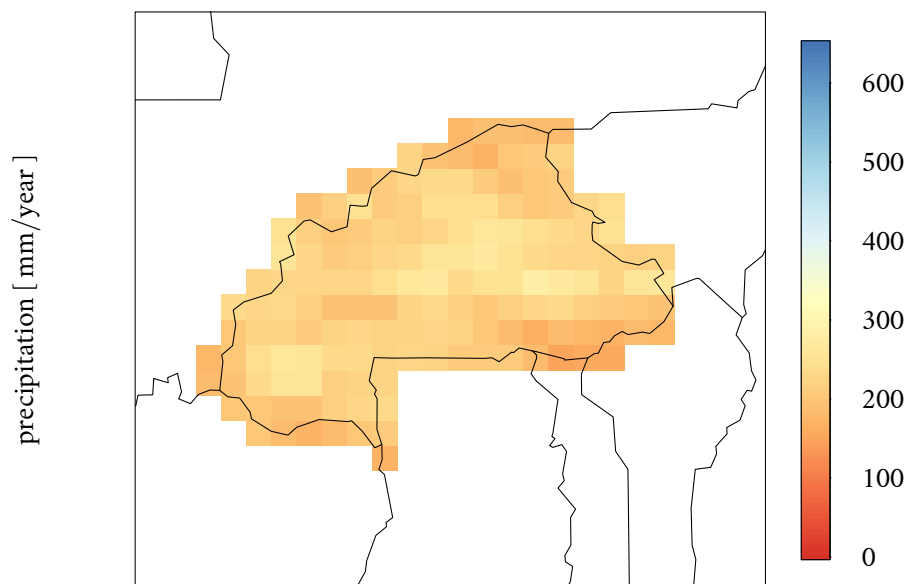
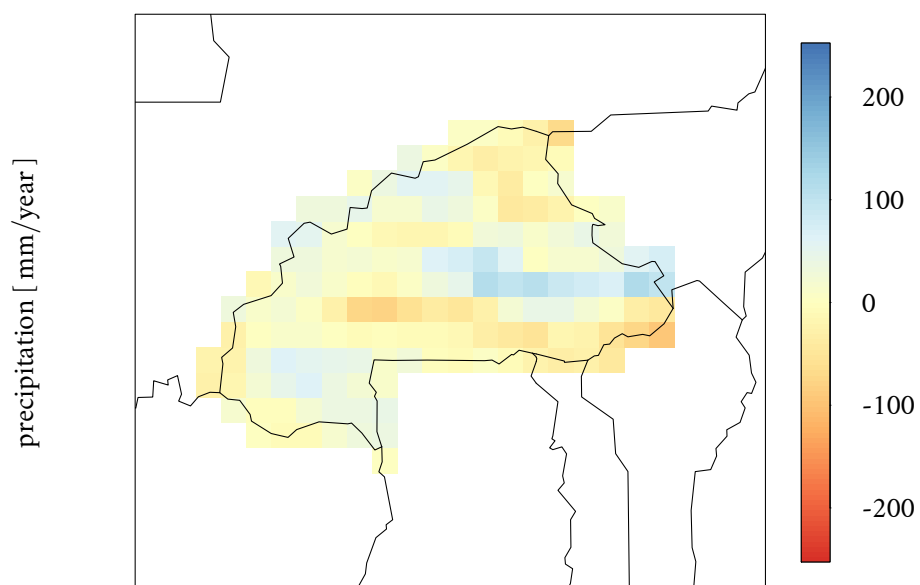


Figure 595: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.12 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 596: Mean across years, RCP 8.5, 2020 .. 2049

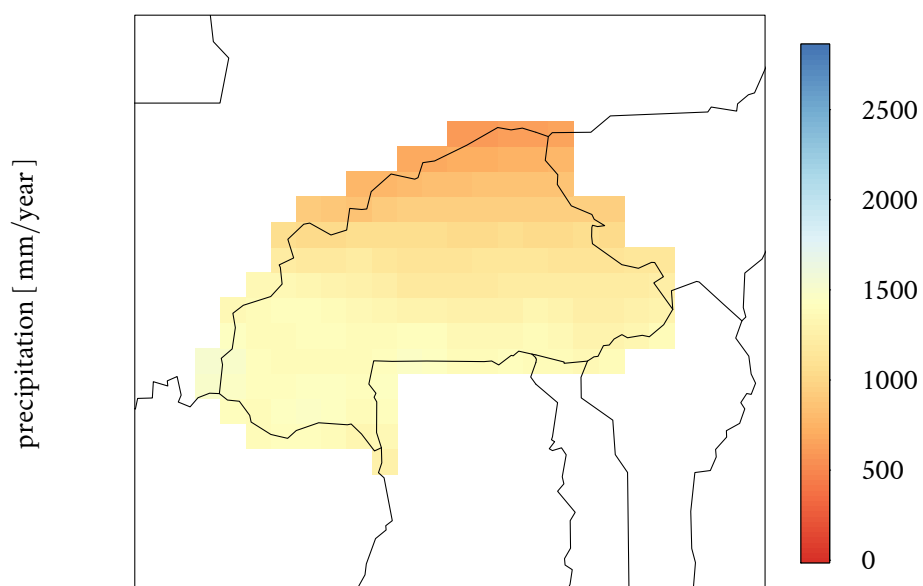


Figure 597: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

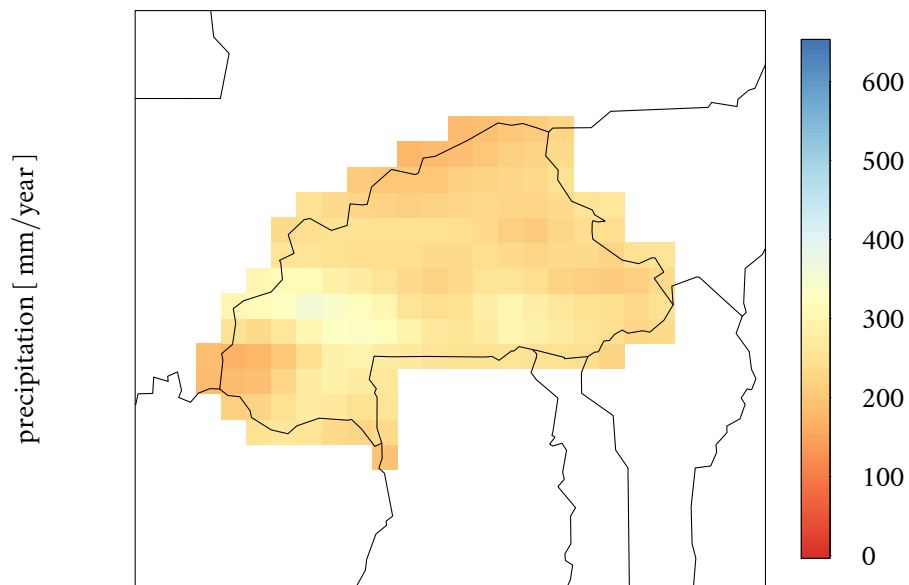


Figure 598: Mean across years, RCP 8.5, 2060 .. 2089

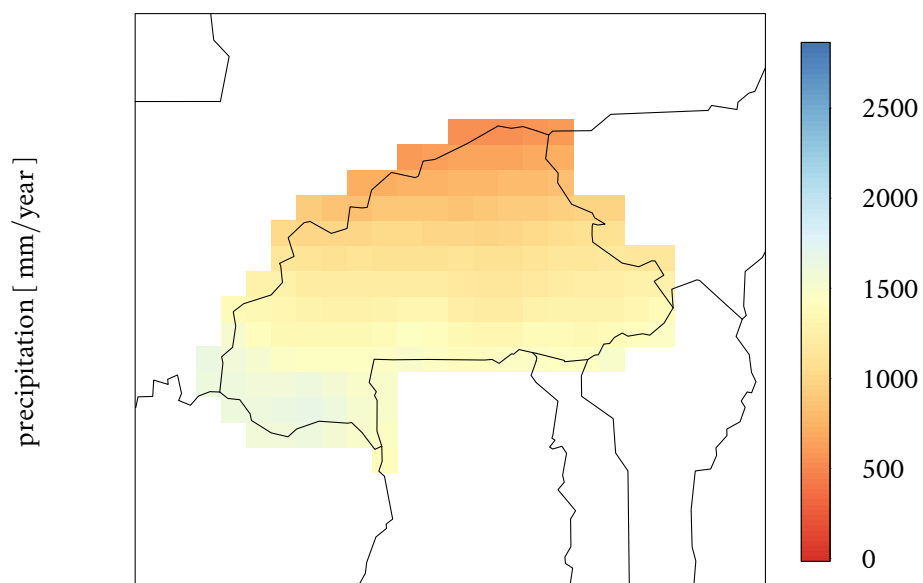


Figure 599: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

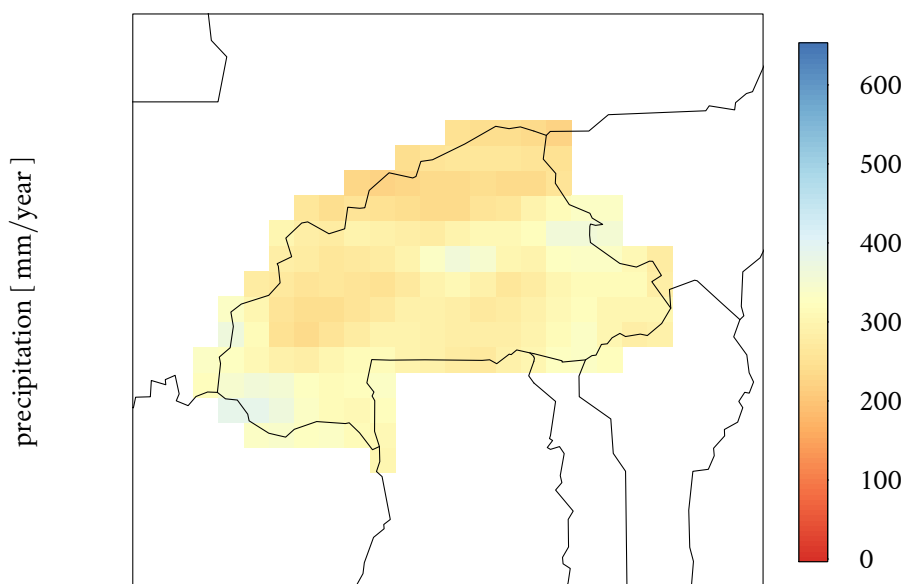
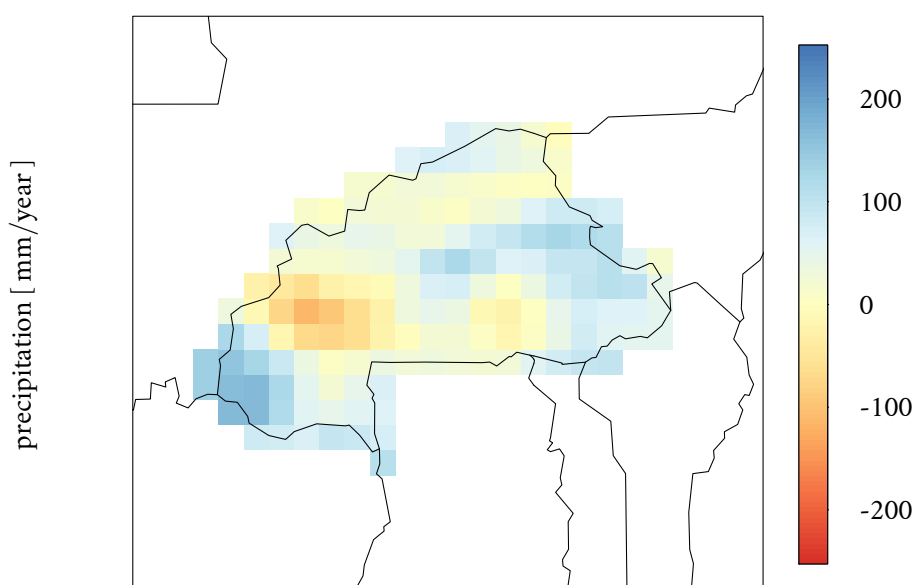


Figure 600: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.13 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 601: Mean across years, RCP 8.5, 2020 .. 2049

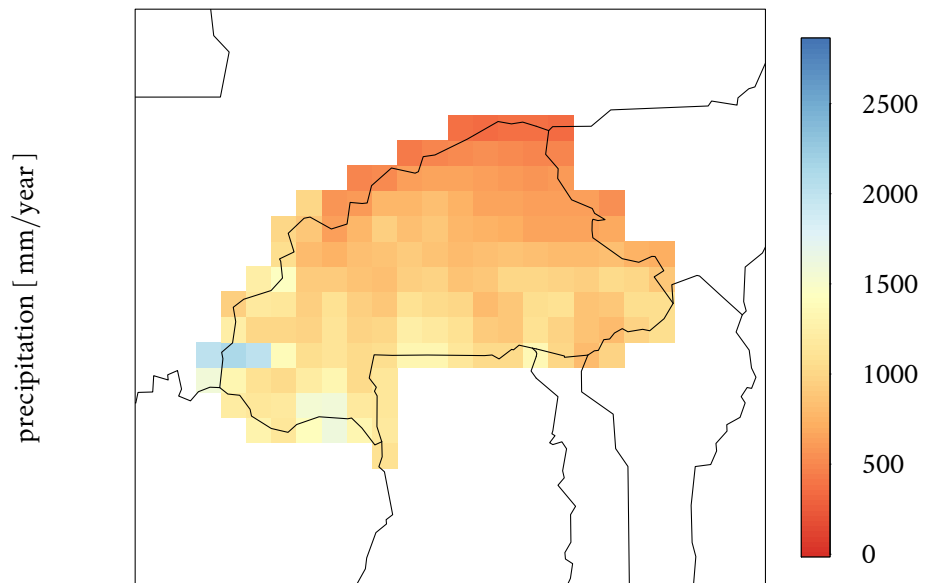


Figure 602: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

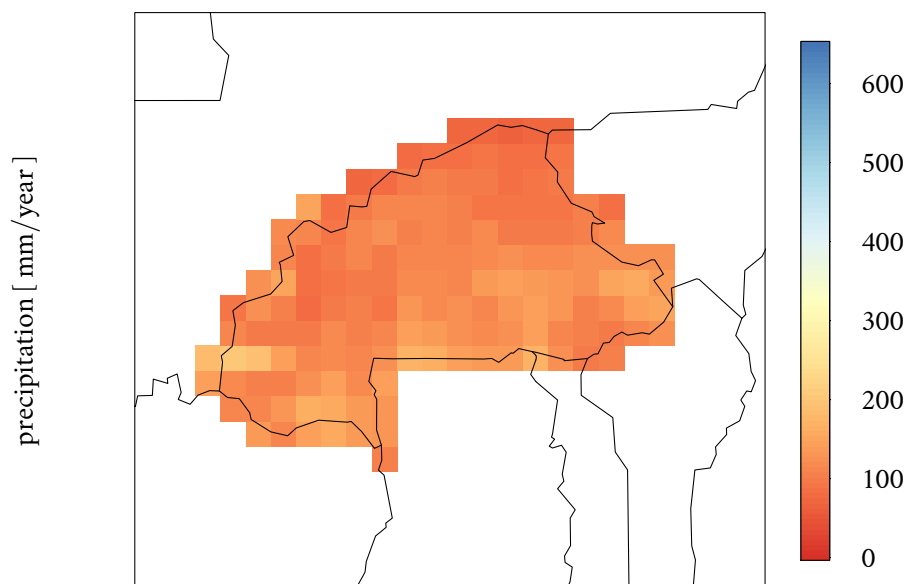


Figure 603: Mean across years, RCP 8.5, 2060 .. 2089

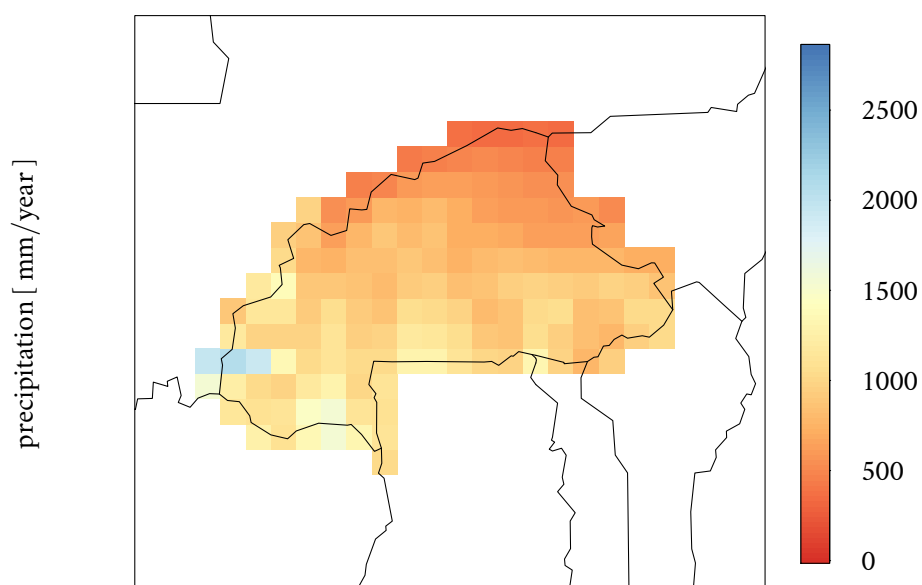


Figure 604: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

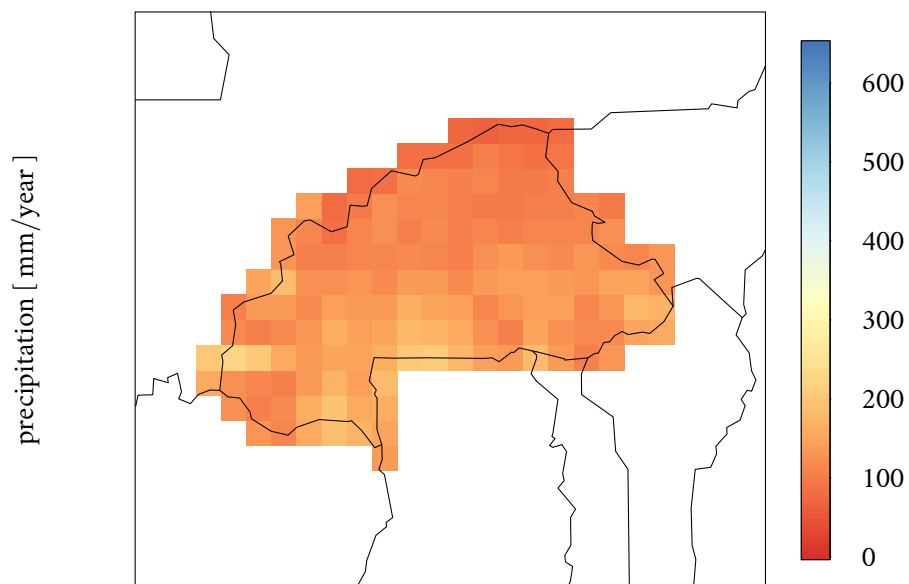
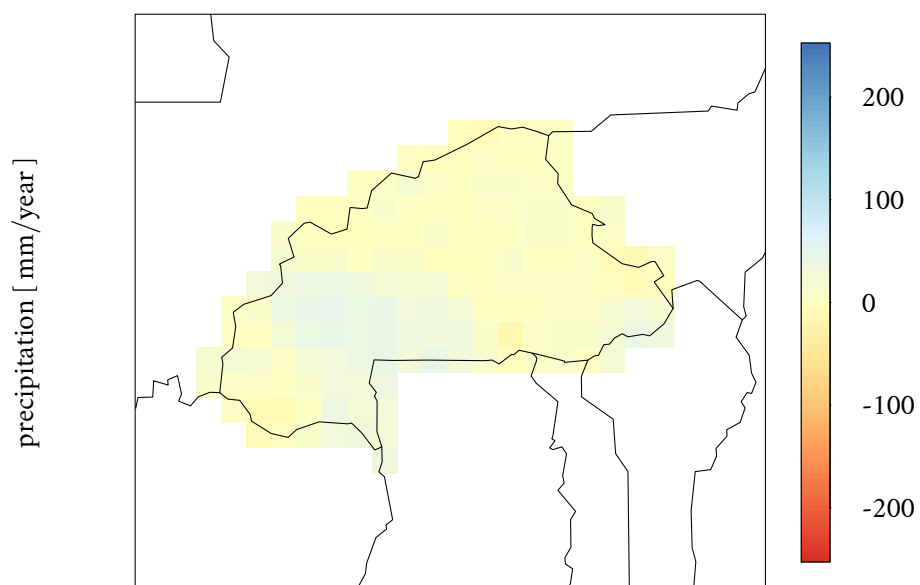


Figure 605: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.14 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 606: Mean across years, RCP 8.5, 2020 .. 2049

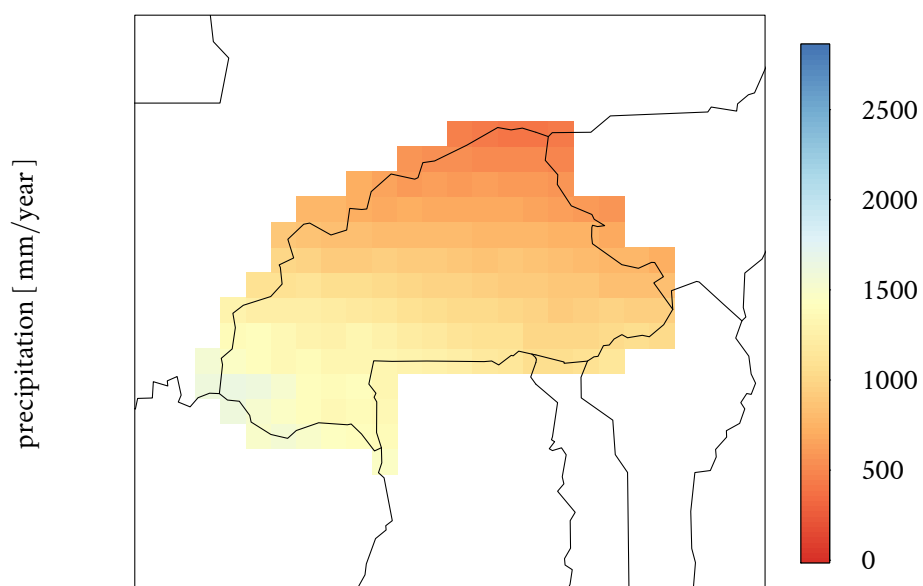


Figure 607: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

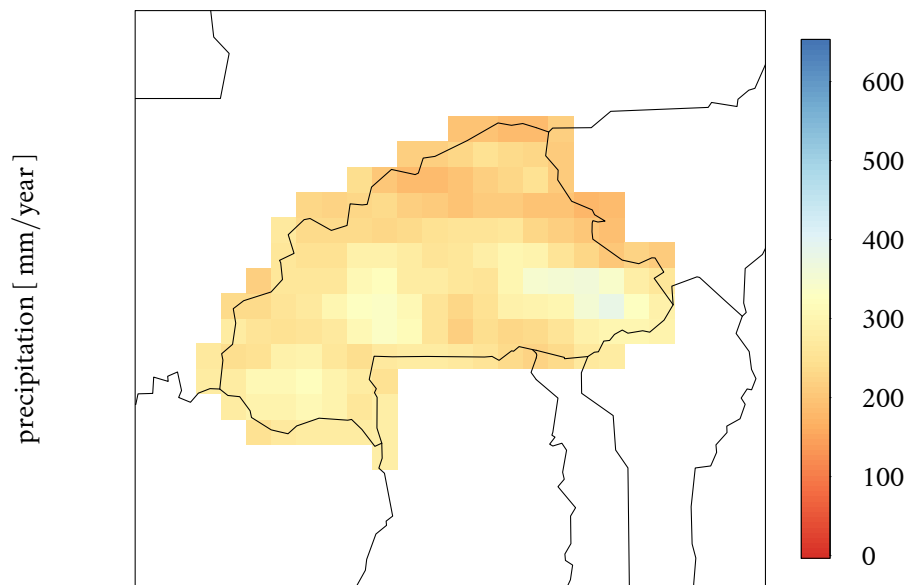


Figure 608: Mean across years, RCP 8.5, 2060 .. 2089

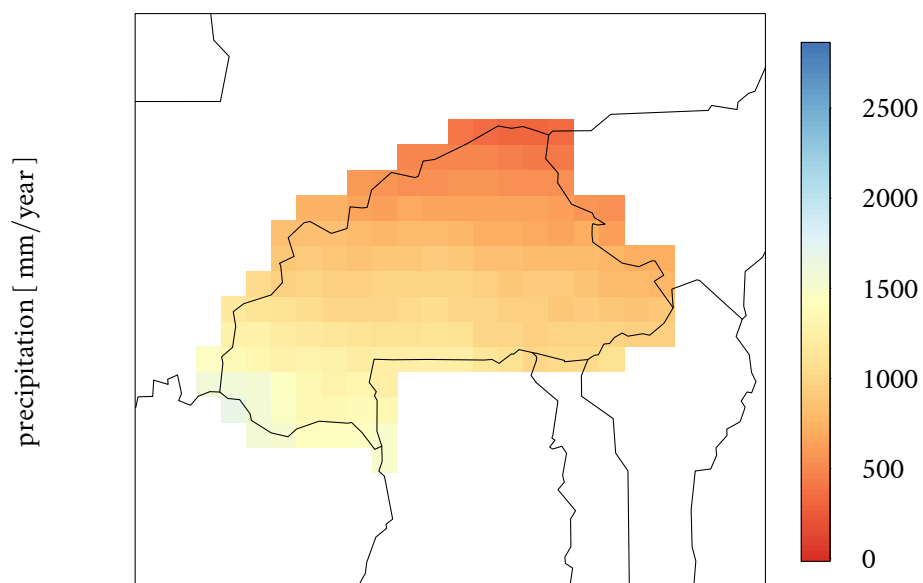


Figure 609: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

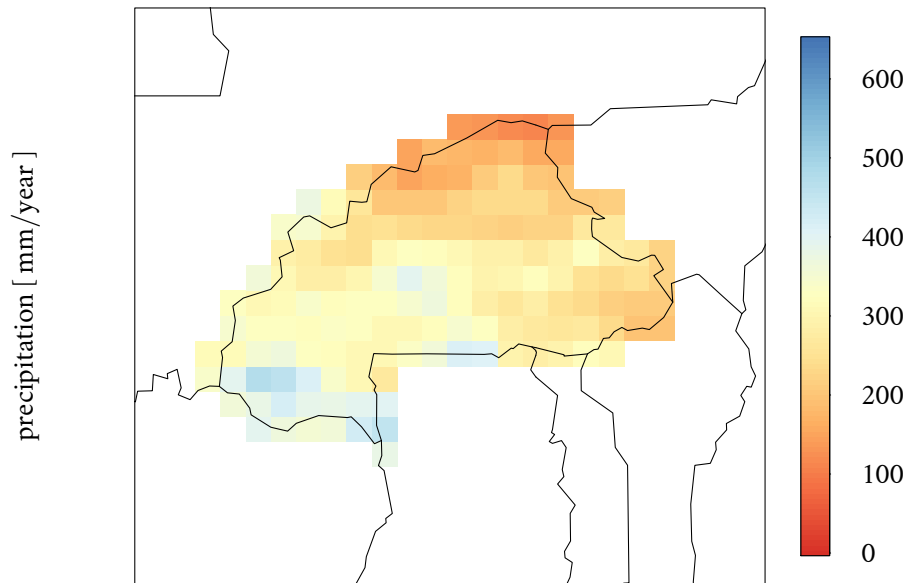
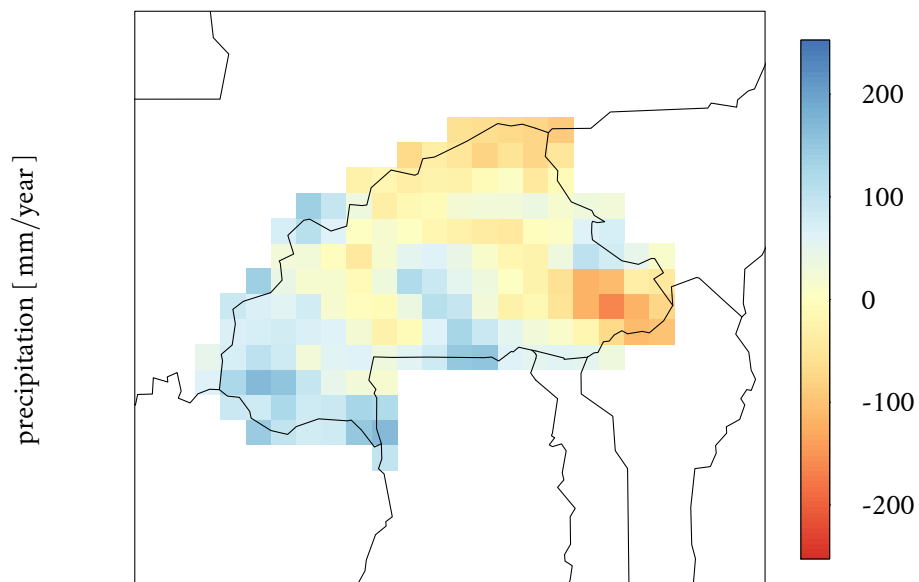


Figure 610: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.15 GCM MPI-M-MPI-ESM-LR / RCM CCLM4-8-17

Figure 611: Mean across years, RCP 8.5, 2020 .. 2049

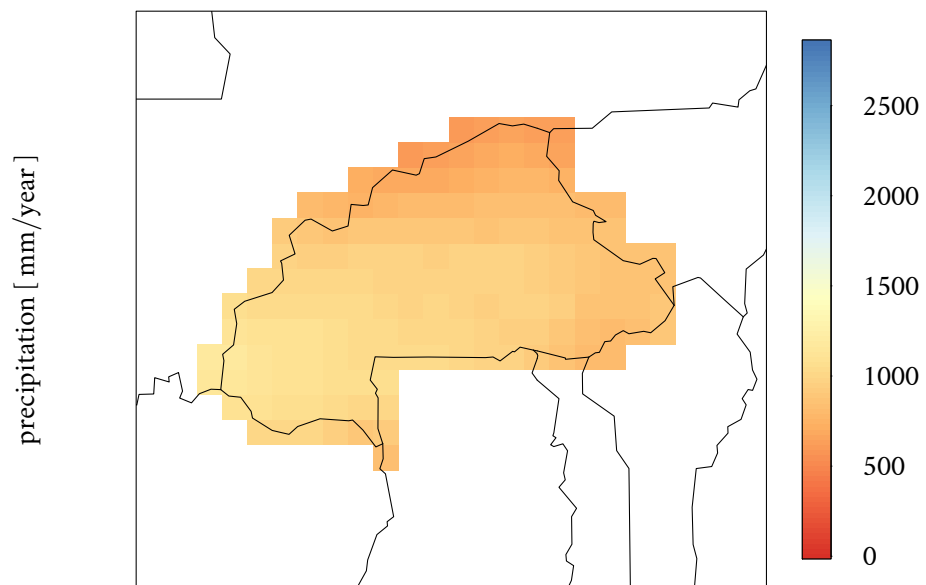


Figure 612: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

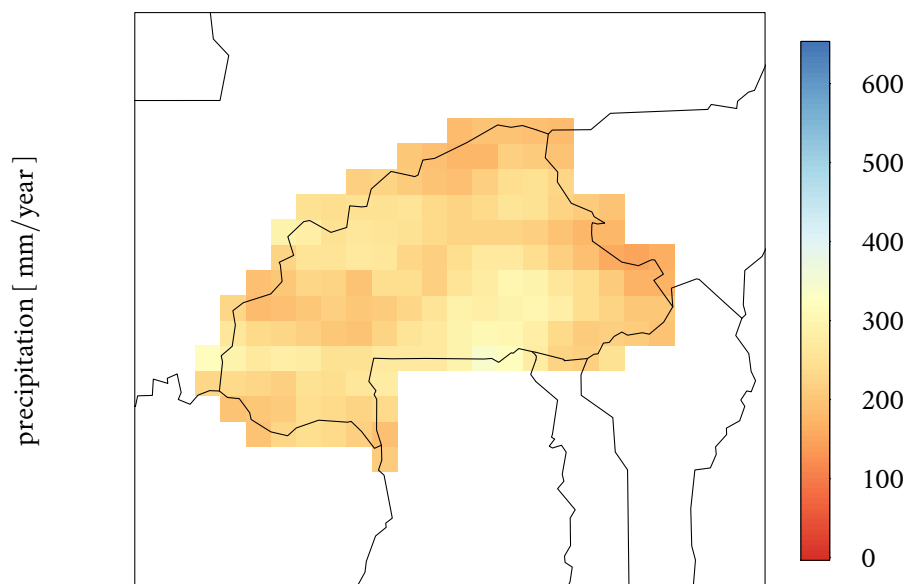


Figure 613: Mean across years, RCP 8.5, 2060 .. 2089

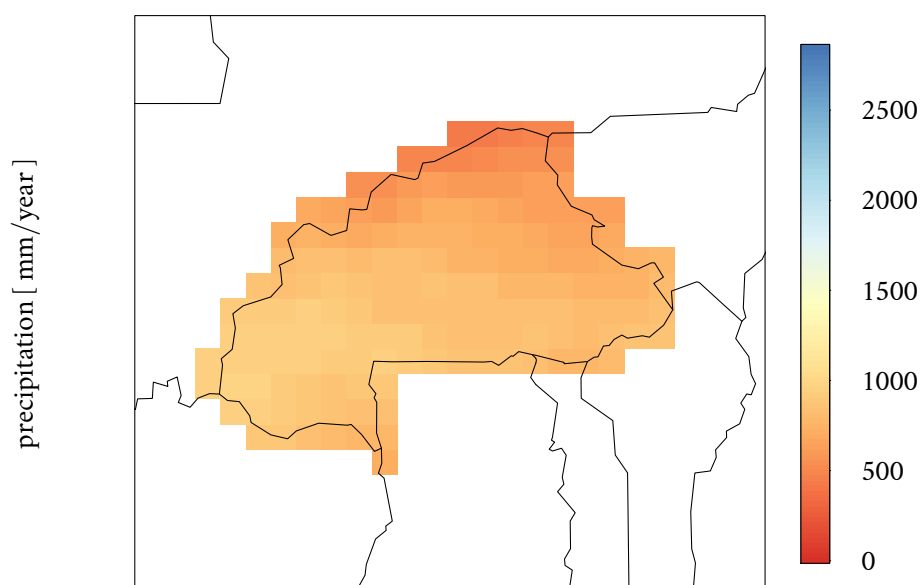


Figure 614: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

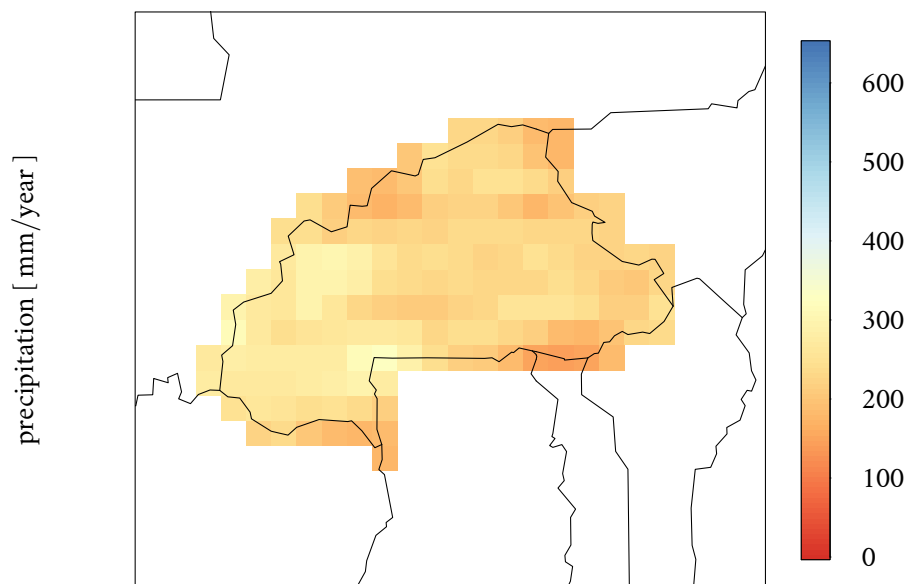
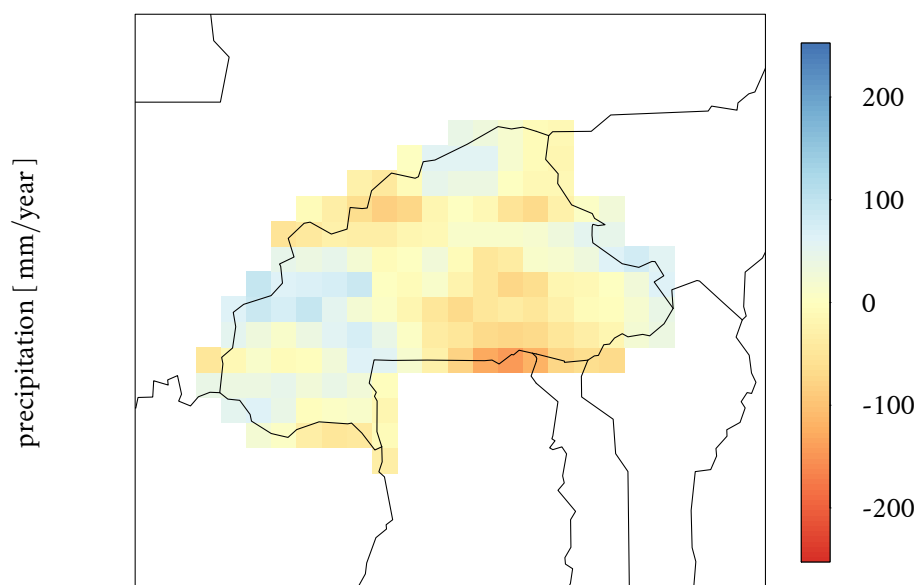


Figure 615: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.16 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 616: Mean across years, RCP 8.5, 2020 .. 2049

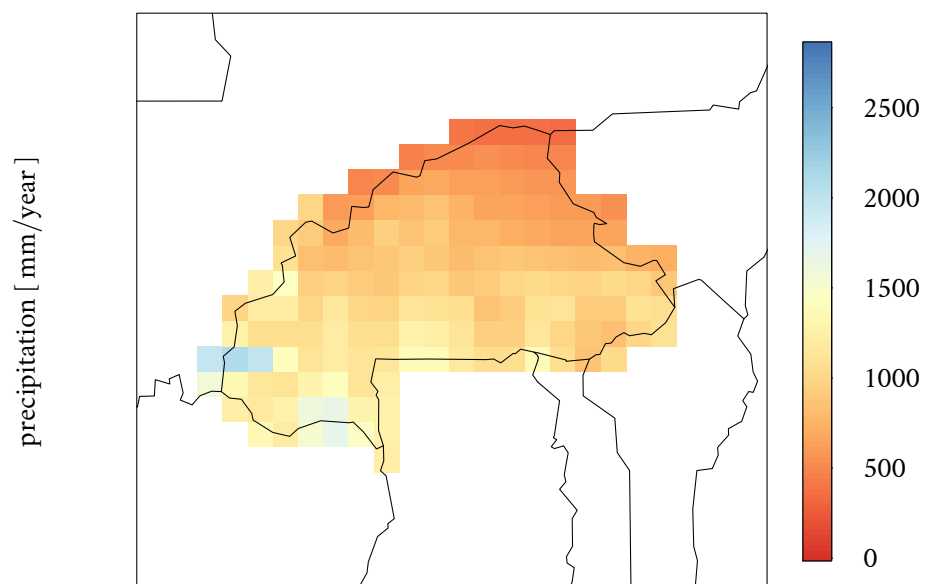


Figure 617: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

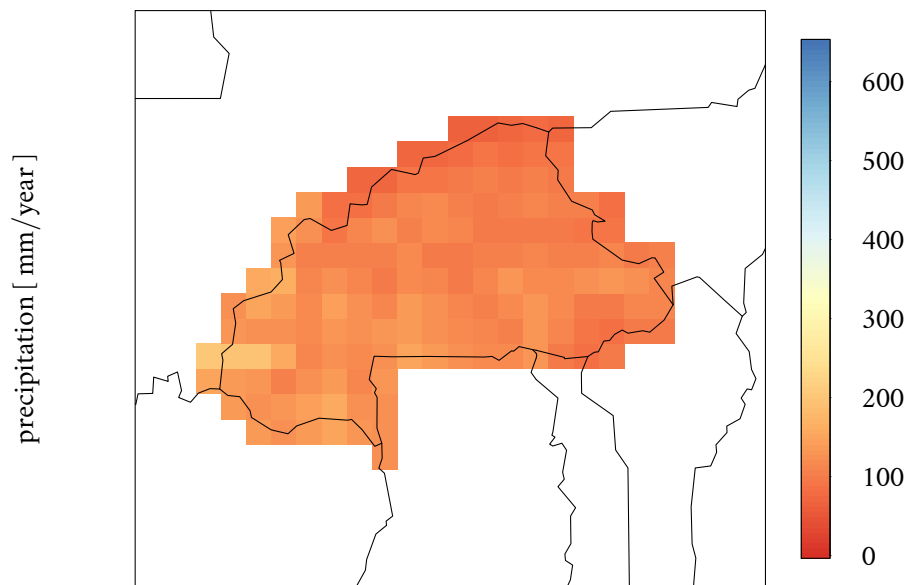


Figure 618: Mean across years, RCP 8.5, 2060 .. 2089

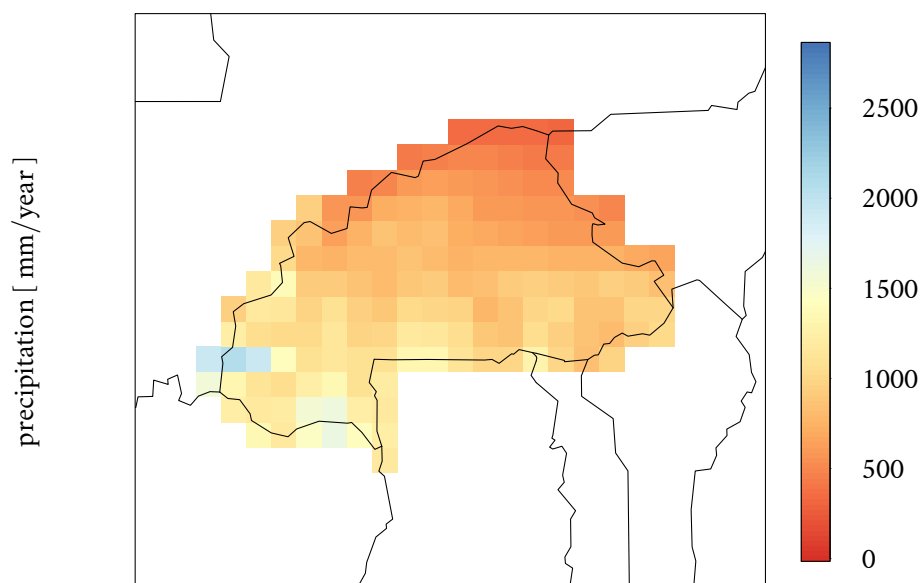


Figure 619: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

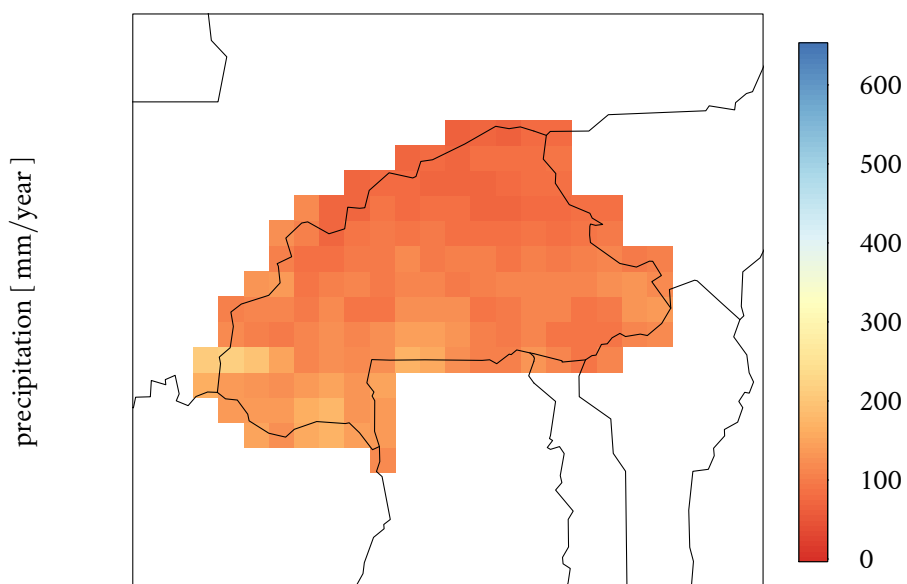
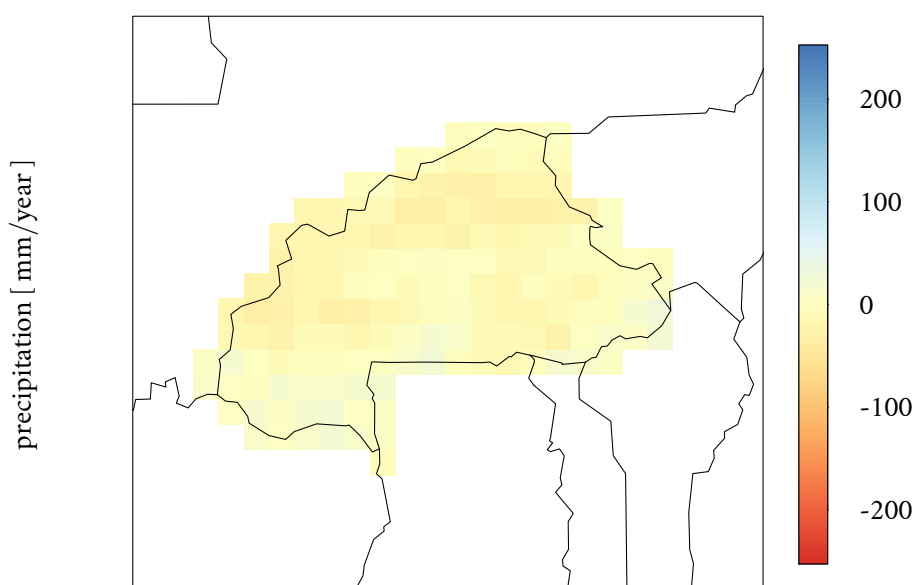


Figure 620: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.17 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 621: Mean across years, RCP 8.5, 2020 .. 2049

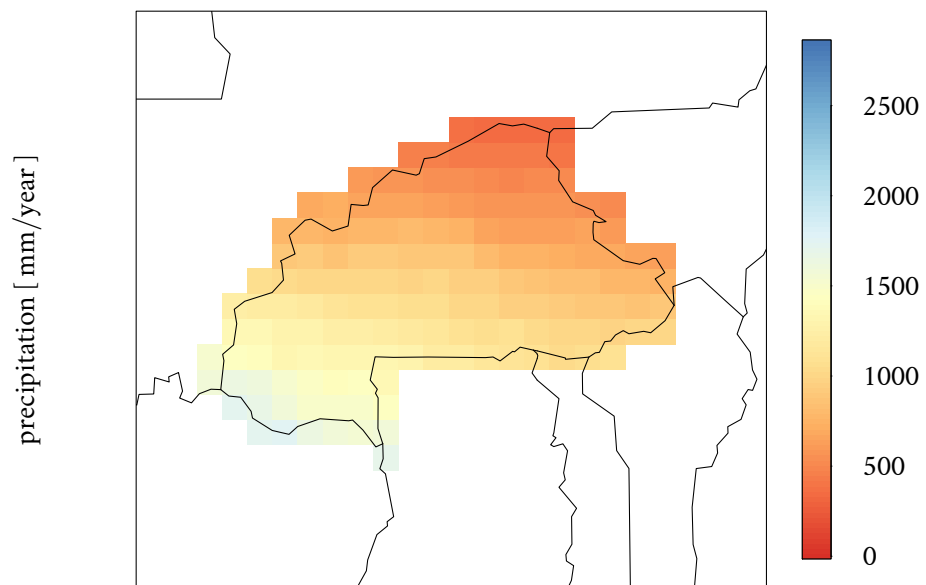


Figure 622: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

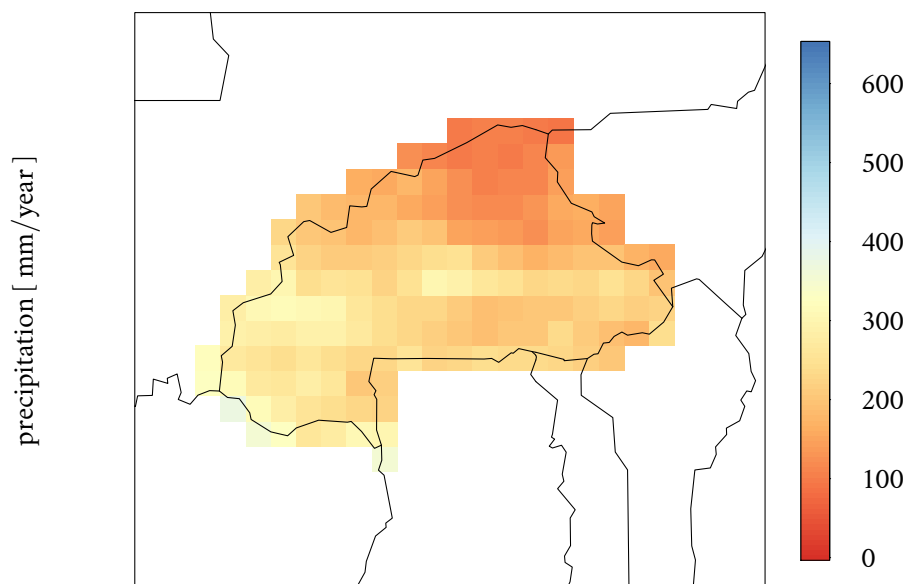


Figure 623: Mean across years, RCP 8.5, 2060 .. 2089

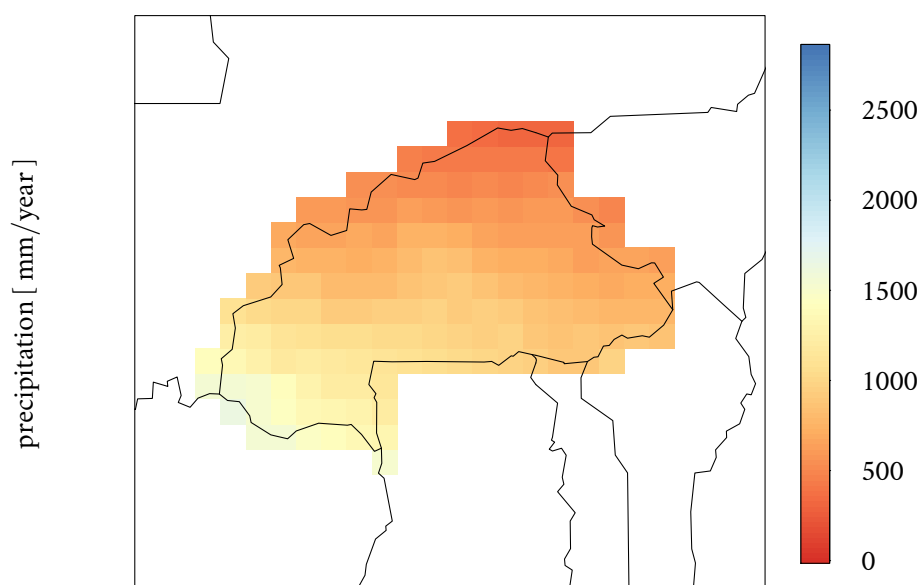


Figure 624: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

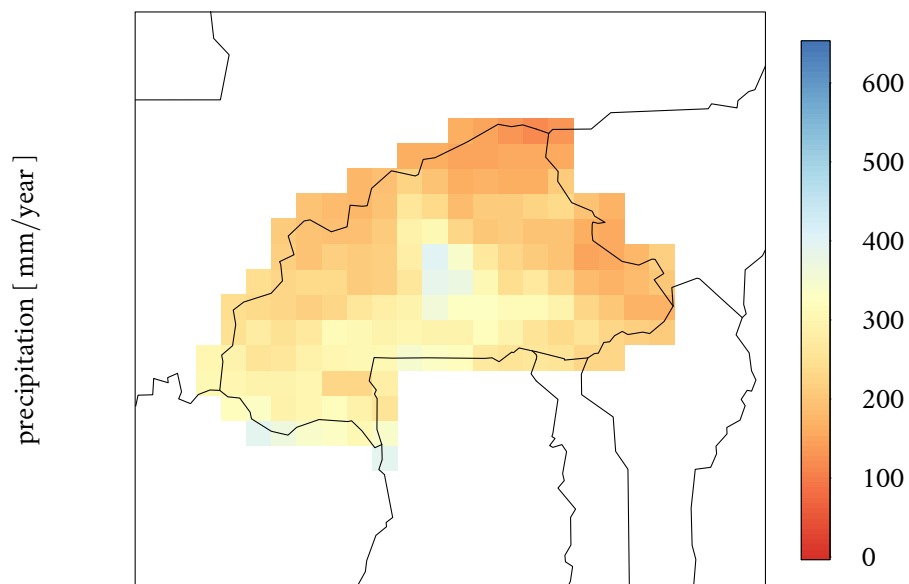
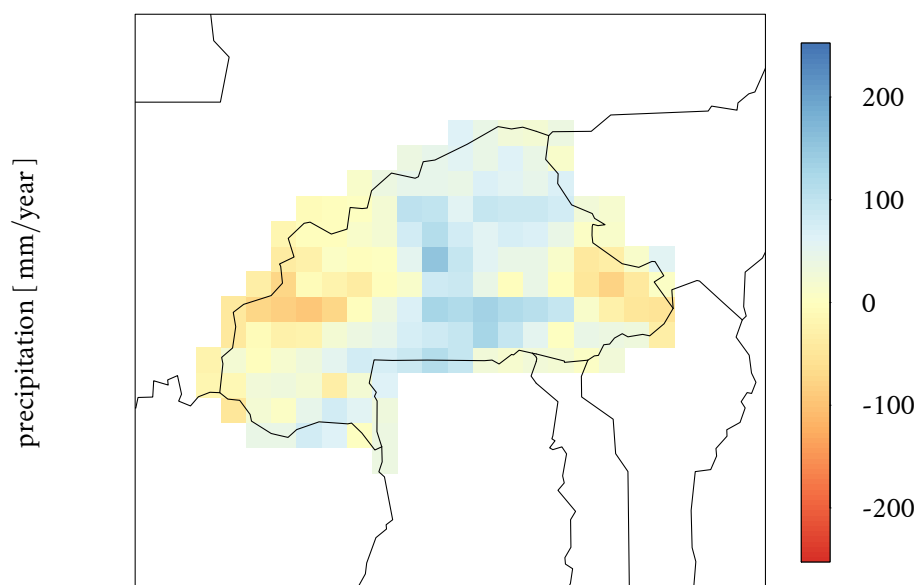


Figure 625: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.18 GCM NCC-NorESM1-M / RCM RCA4

Figure 626: Mean across years, RCP 8.5, 2020 .. 2049

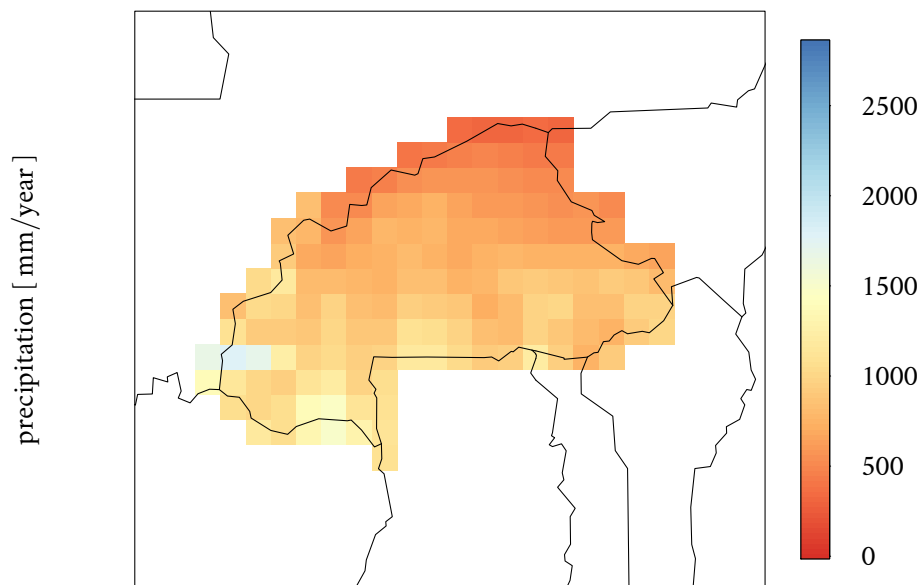


Figure 627: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

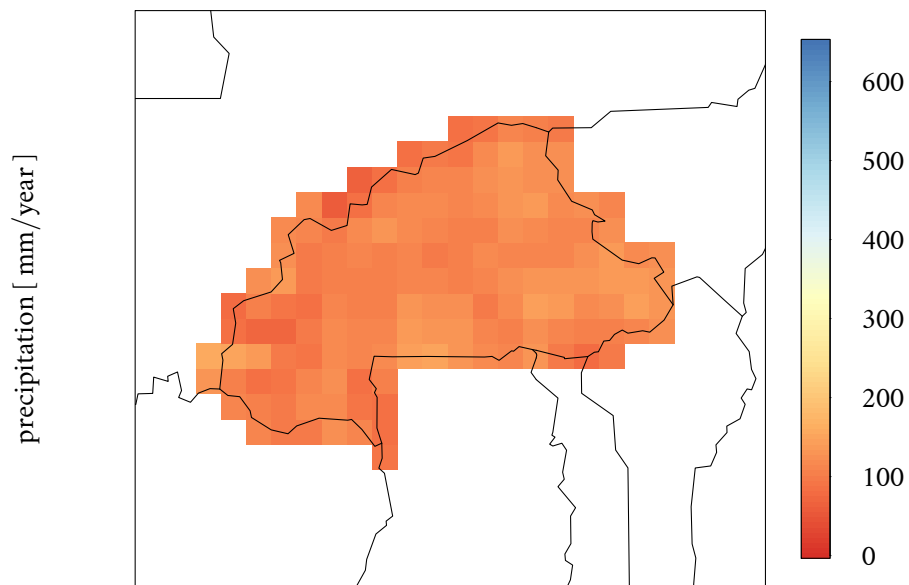


Figure 628: Mean across years, RCP 8.5, 2060 .. 2089

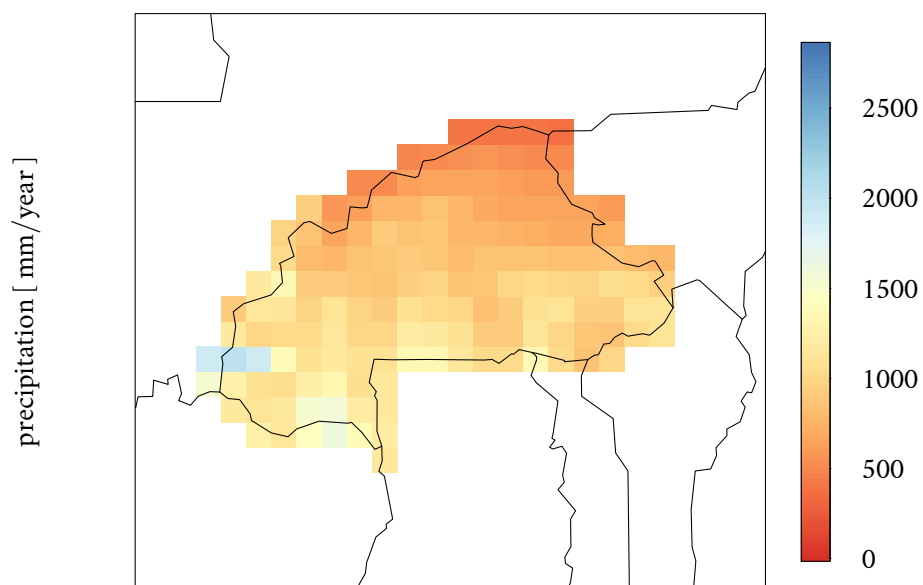


Figure 629: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

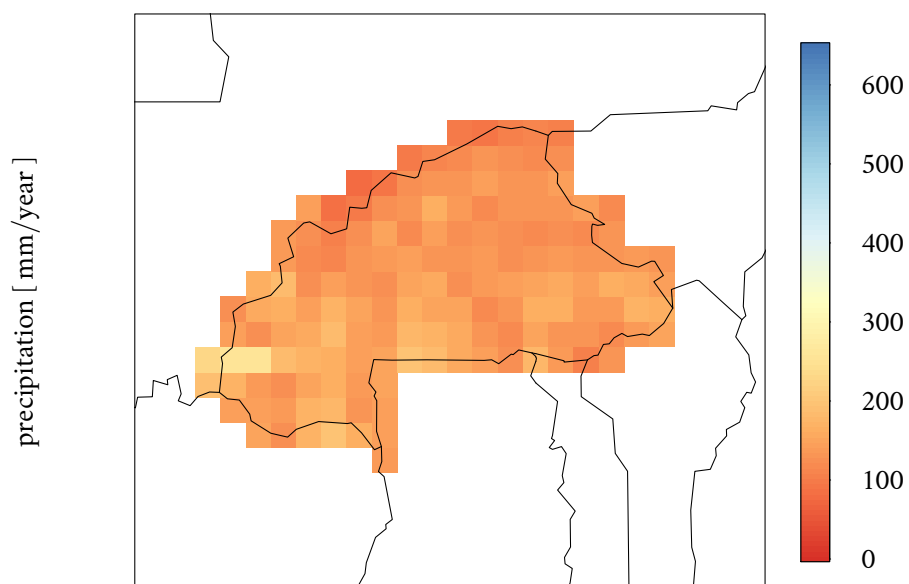
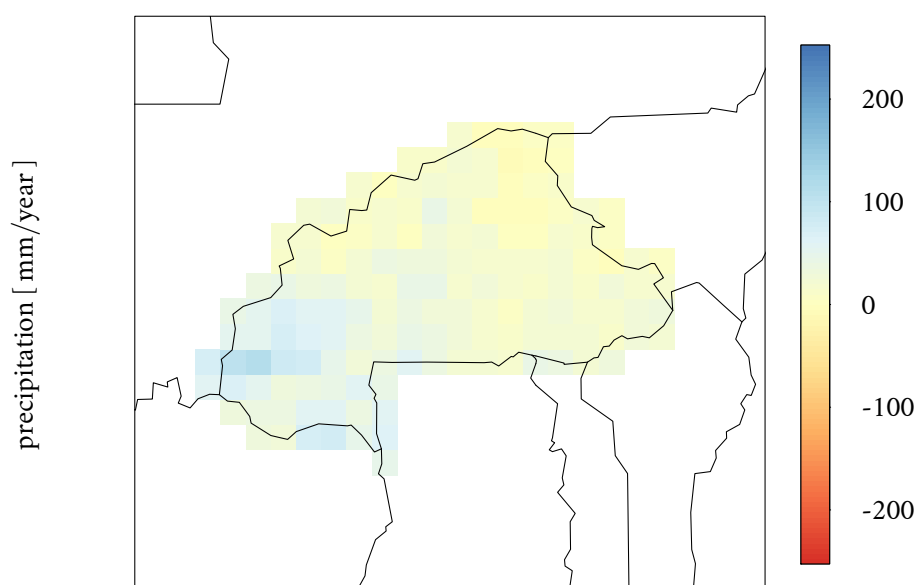


Figure 630: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.2.19 GCM NOAA-GFDL-GFDL-ESM2M / RCM RCA4

Figure 631: Mean across years, RCP 8.5, 2020 .. 2049

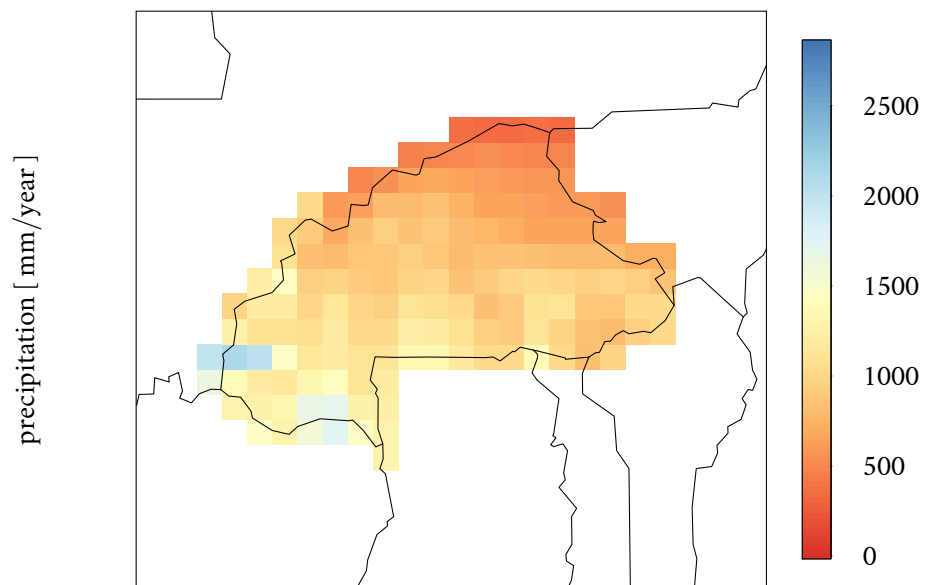


Figure 632: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

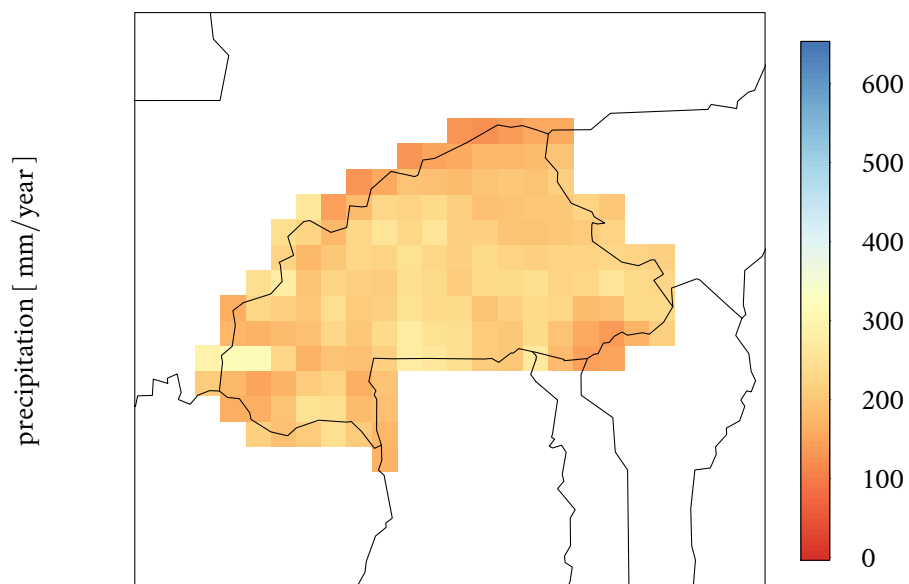


Figure 633: Mean across years, RCP 8.5, 2060 .. 2089

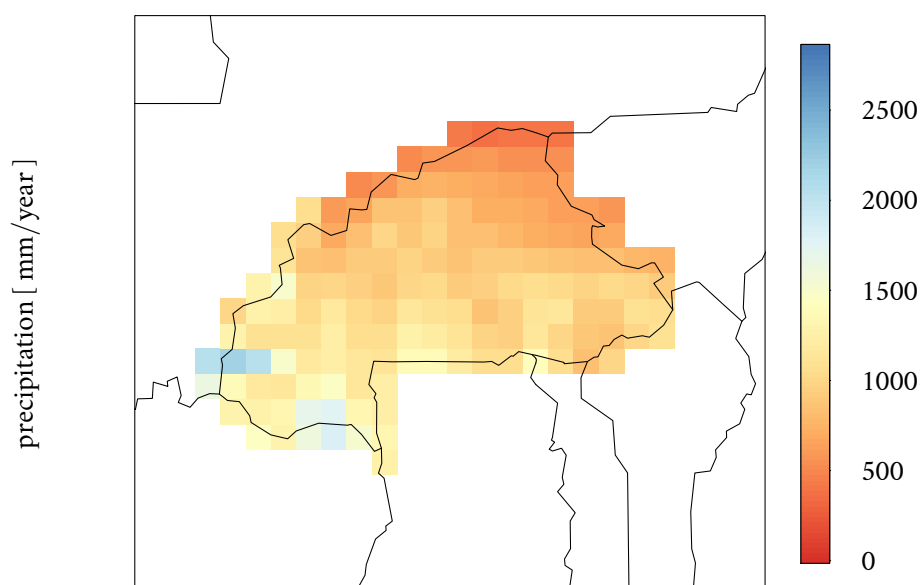


Figure 634: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

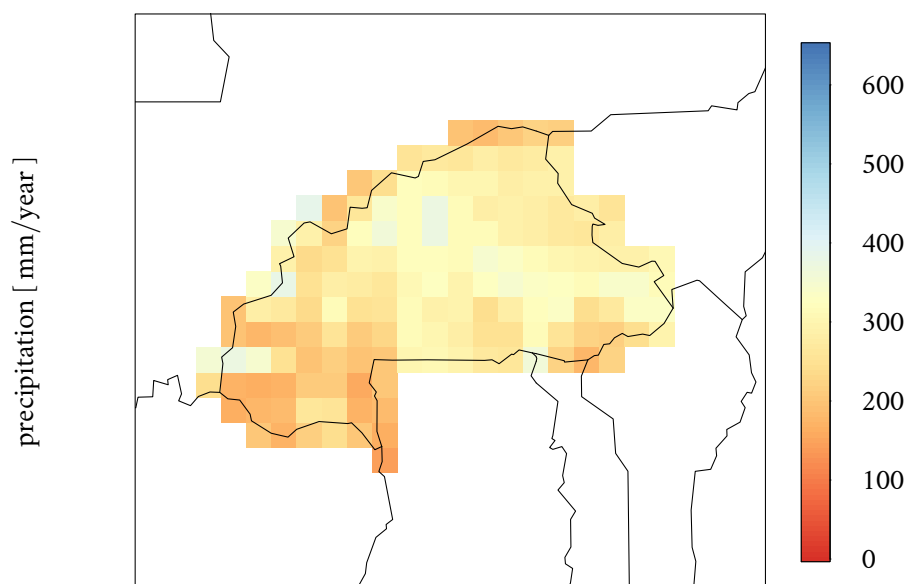
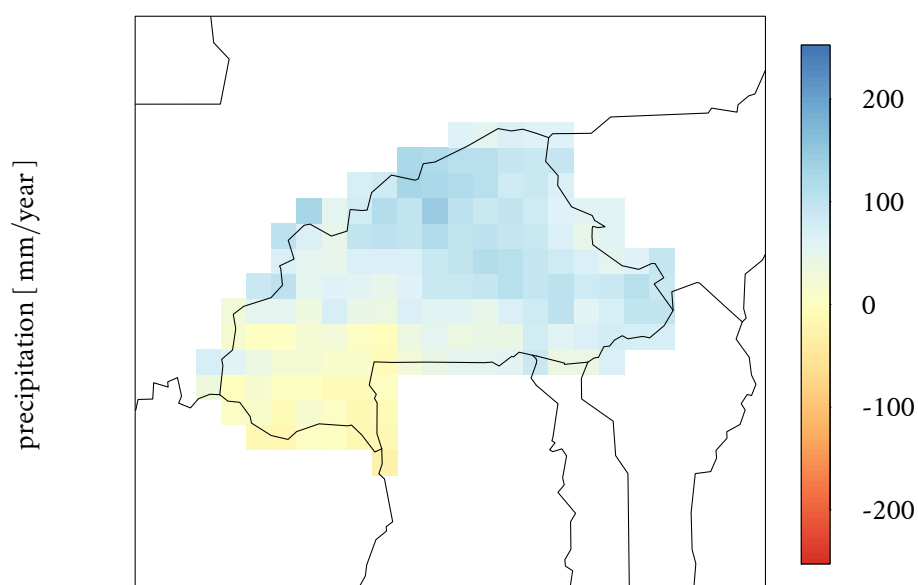


Figure 635: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.3 Kenya / RCP 2.6

B.3.1 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 636: Mean across years, RCP 2.6, 2020 .. 2049

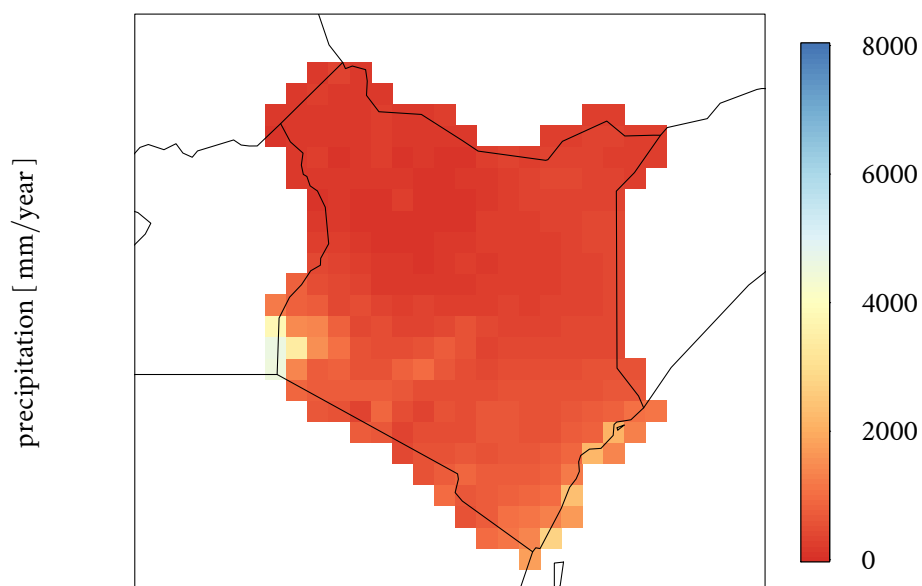


Figure 637: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

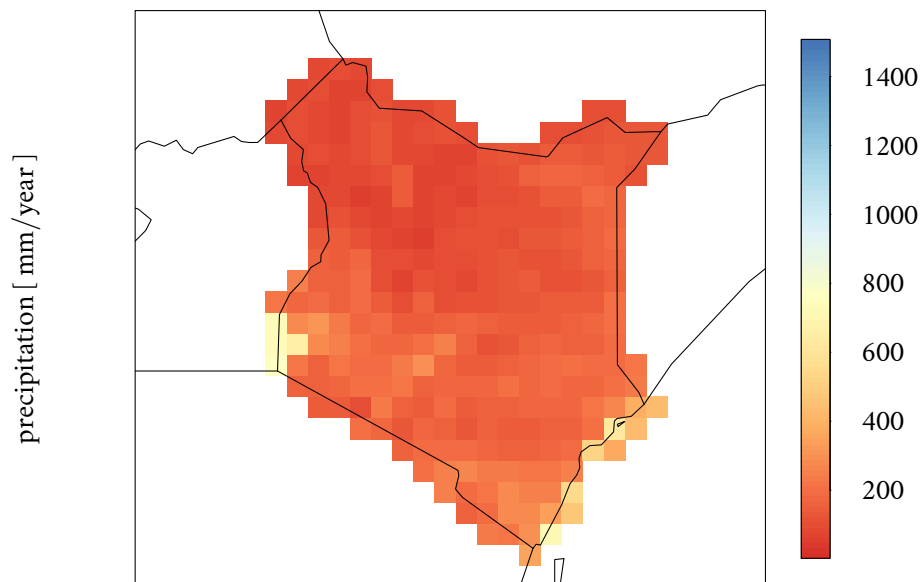


Figure 638: Mean across years, RCP 2.6, 2060 .. 2089

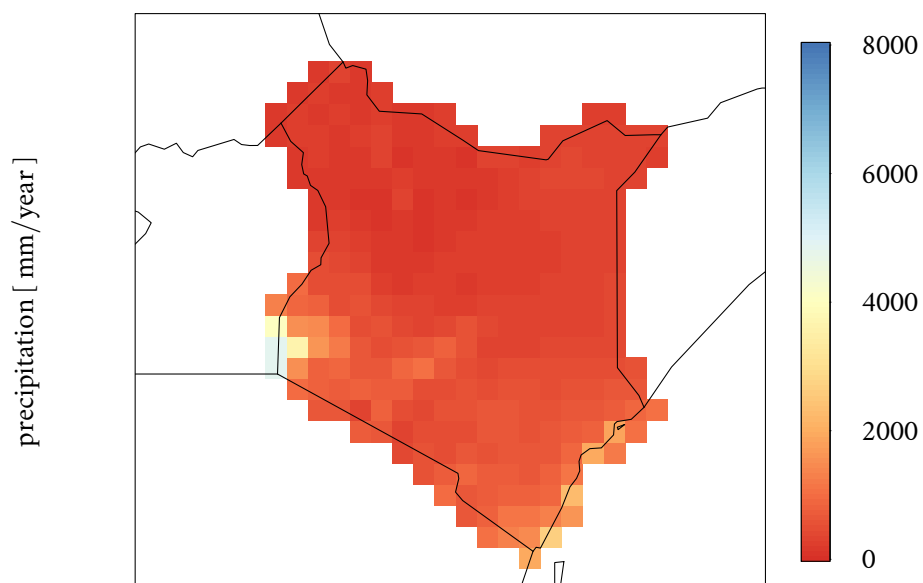


Figure 639: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

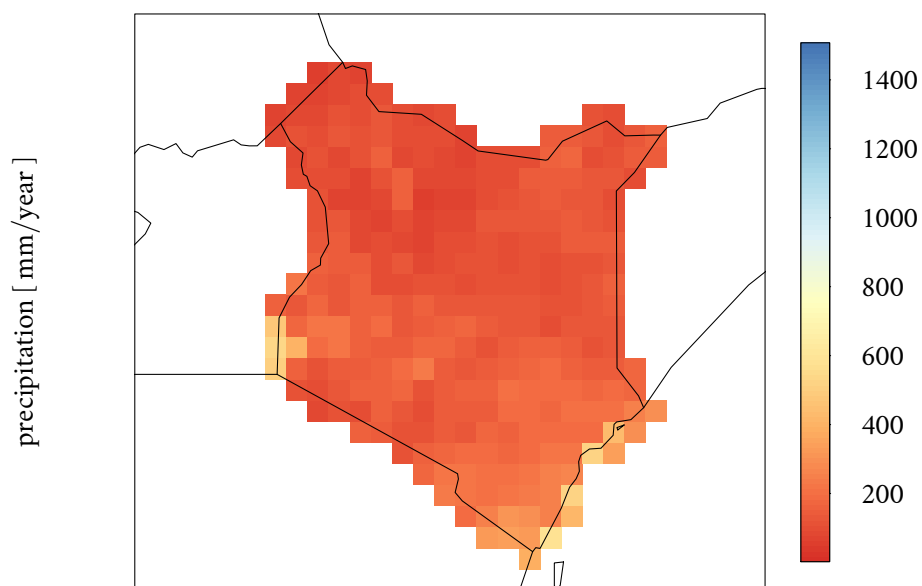
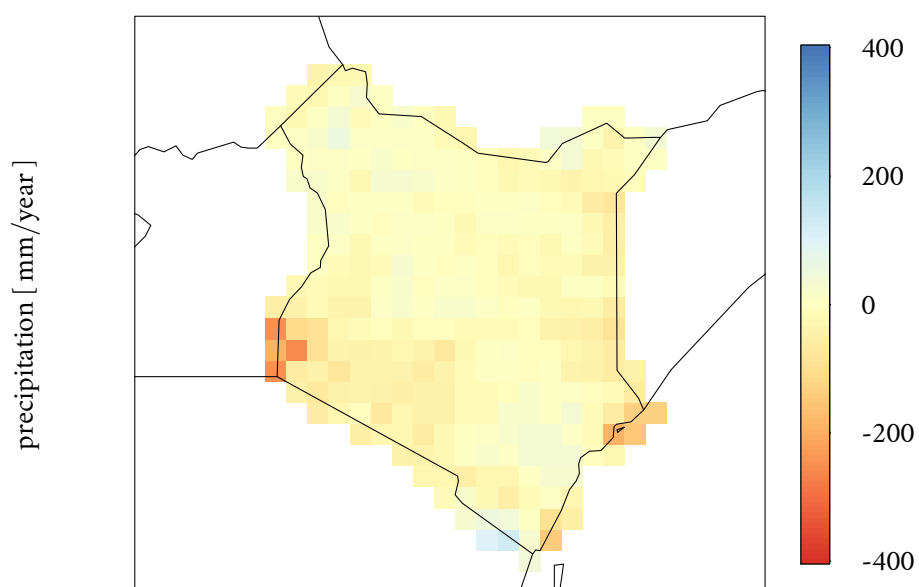


Figure 640: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.3.2 GCM MIROC-MIROC5 / RCM RCA4

Figure 641: Mean across years, RCP 2.6, 2020 .. 2049

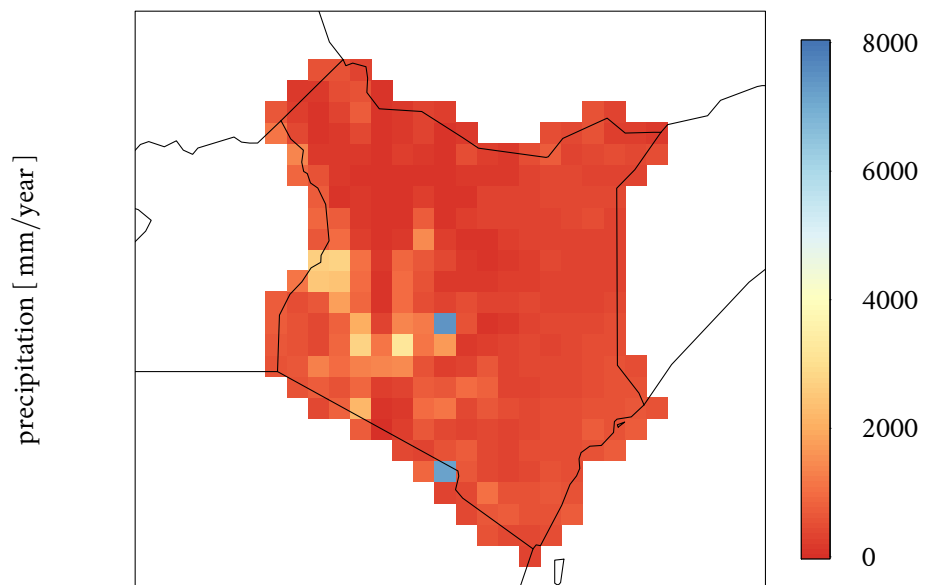


Figure 642: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

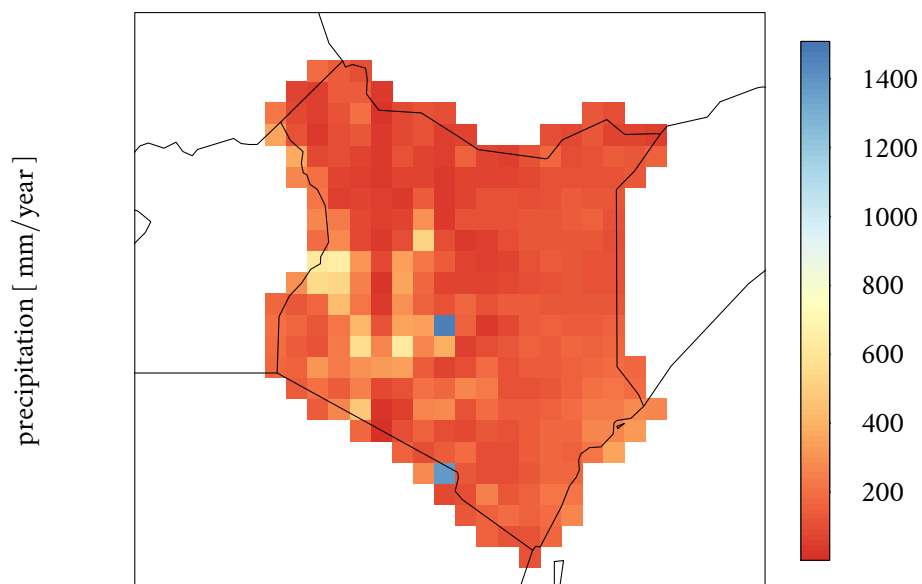


Figure 643: Mean across years, RCP 2.6, 2060 .. 2089

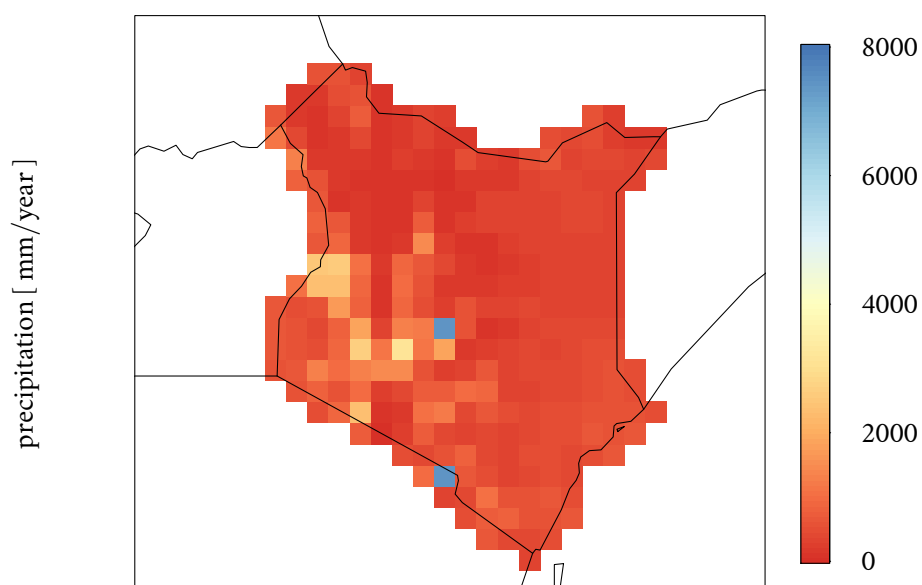


Figure 644: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

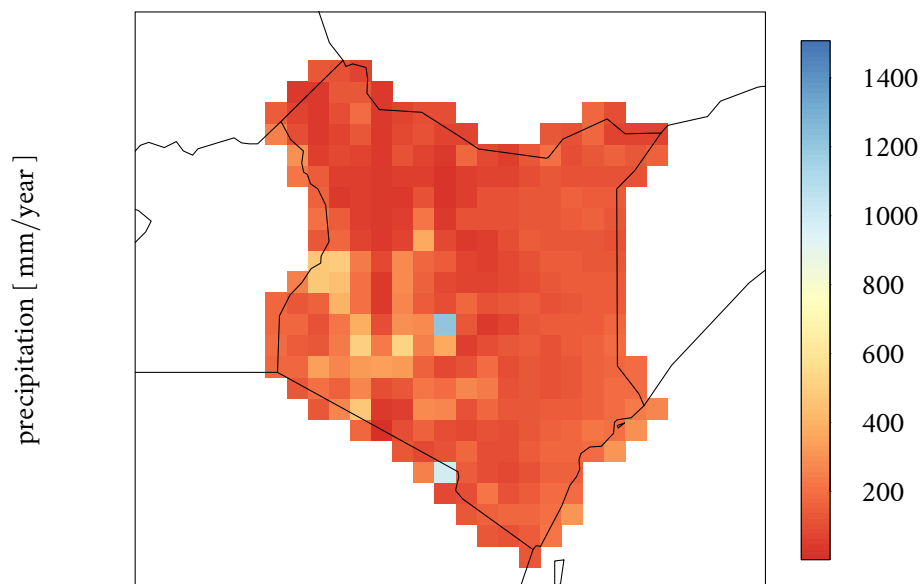
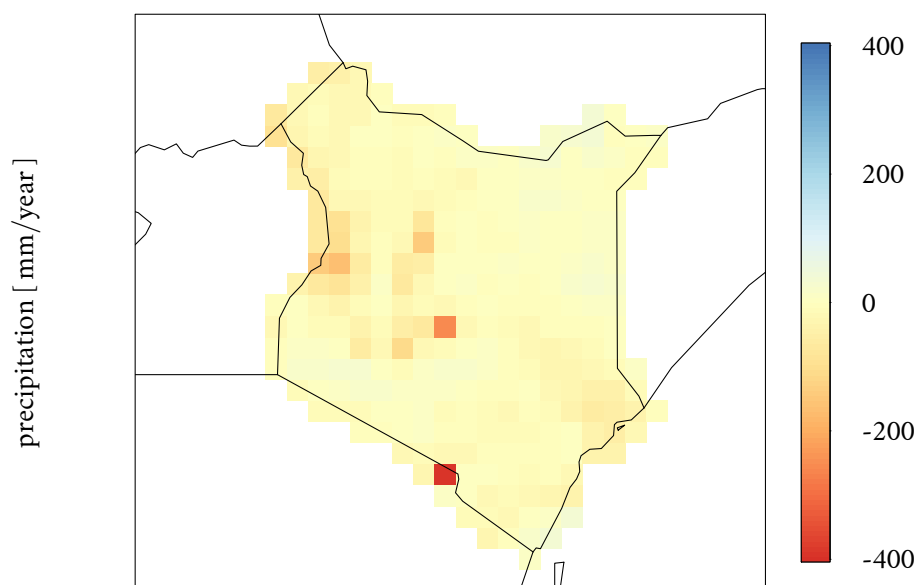


Figure 645: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.3.3 GCM MIROC-MIROC5 / RCM REMO2009

Figure 646: Mean across years, RCP 2.6, 2020 .. 2049

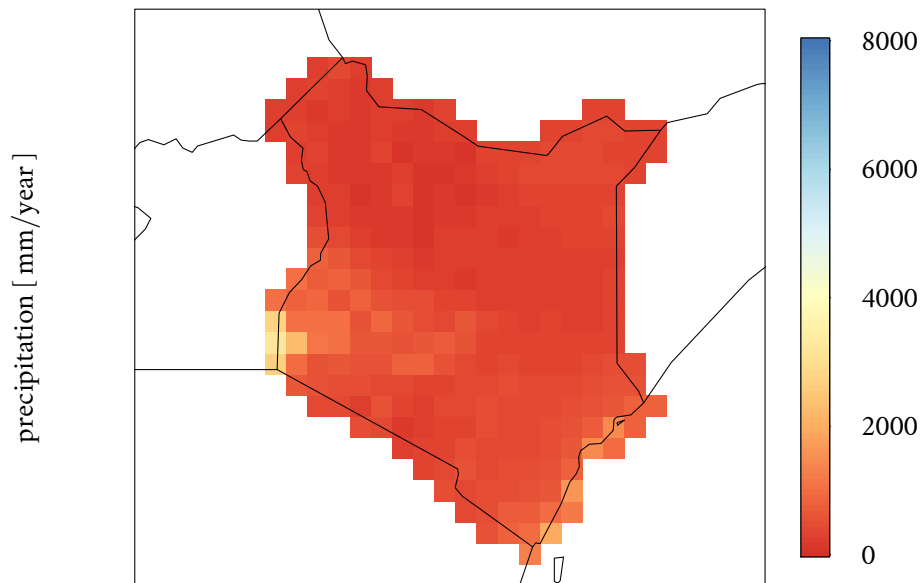


Figure 647: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

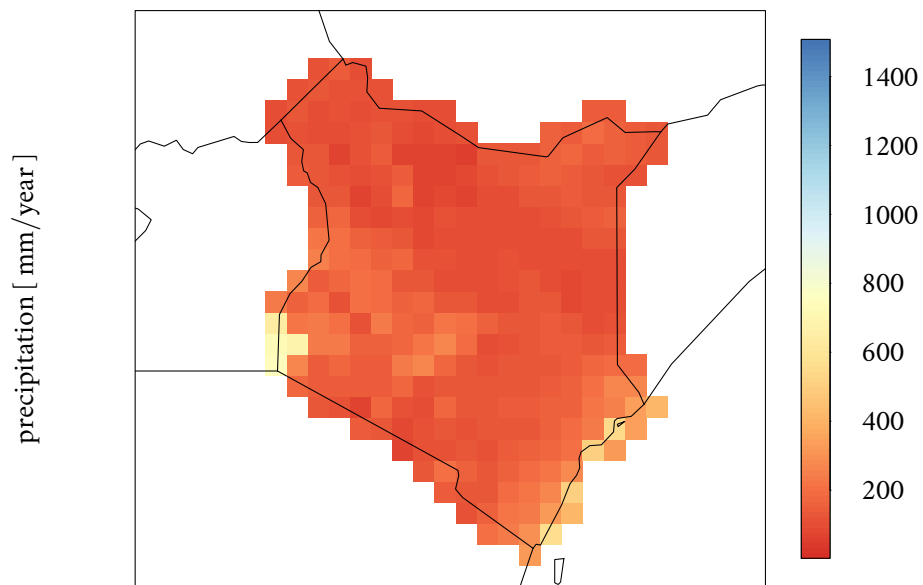


Figure 648: Mean across years, RCP 2.6, 2060 .. 2089

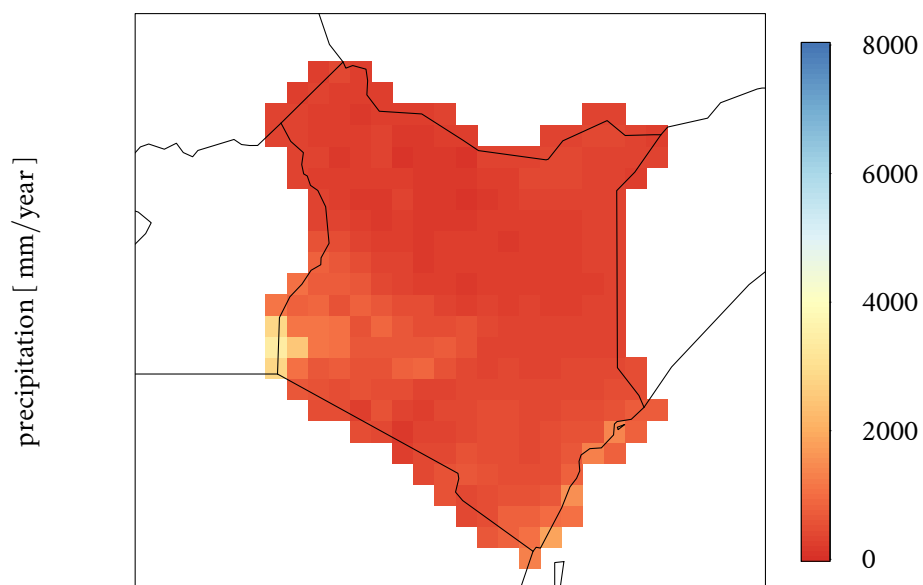


Figure 649: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

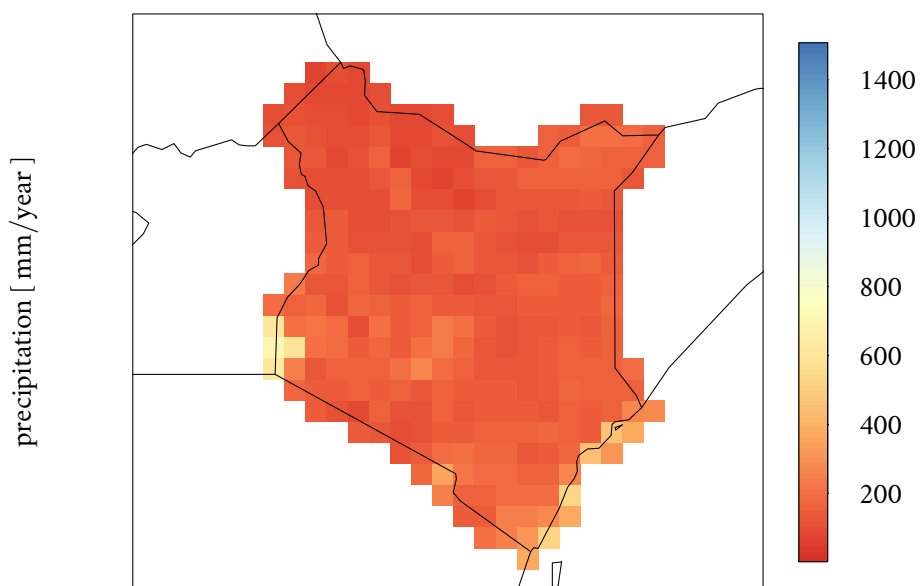
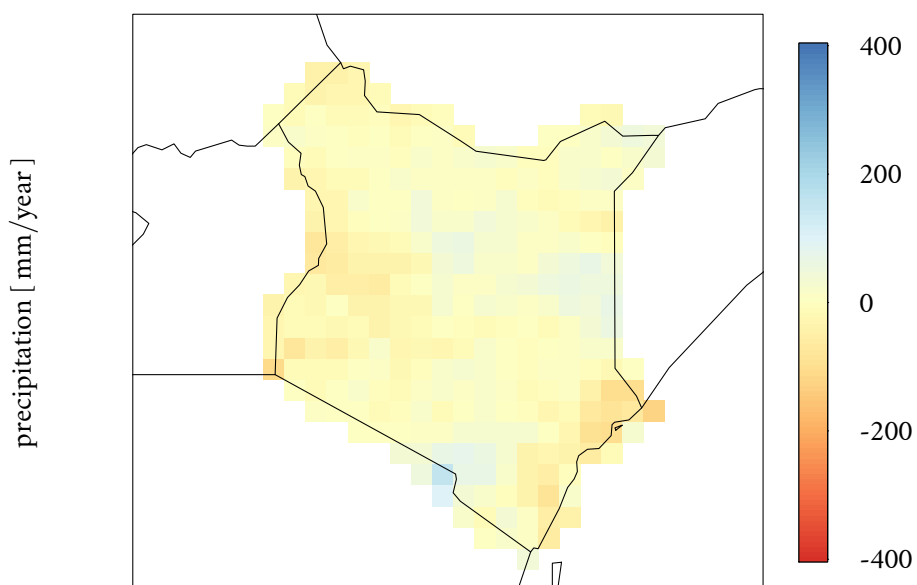


Figure 650: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.3.4 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 651: Mean across years, RCP 2.6, 2020 .. 2049

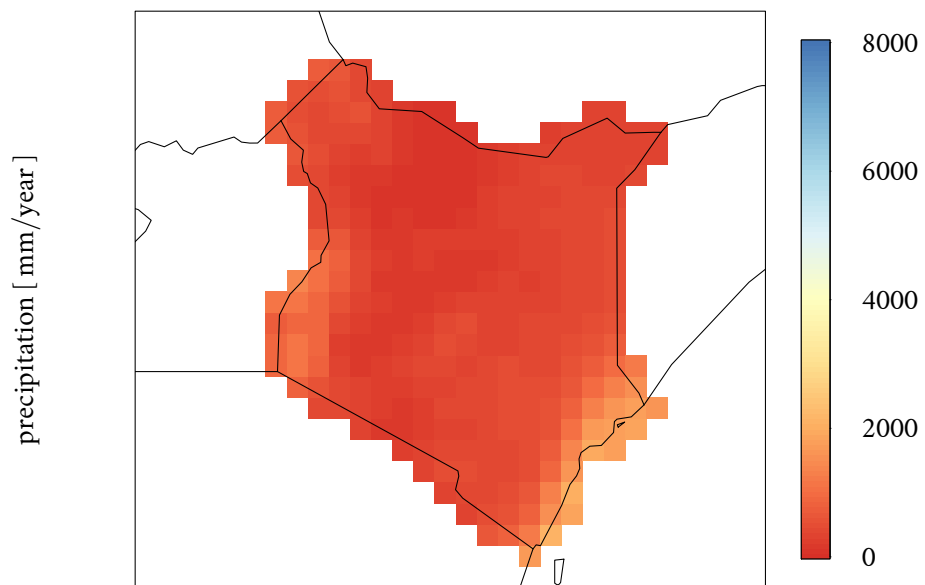


Figure 652: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

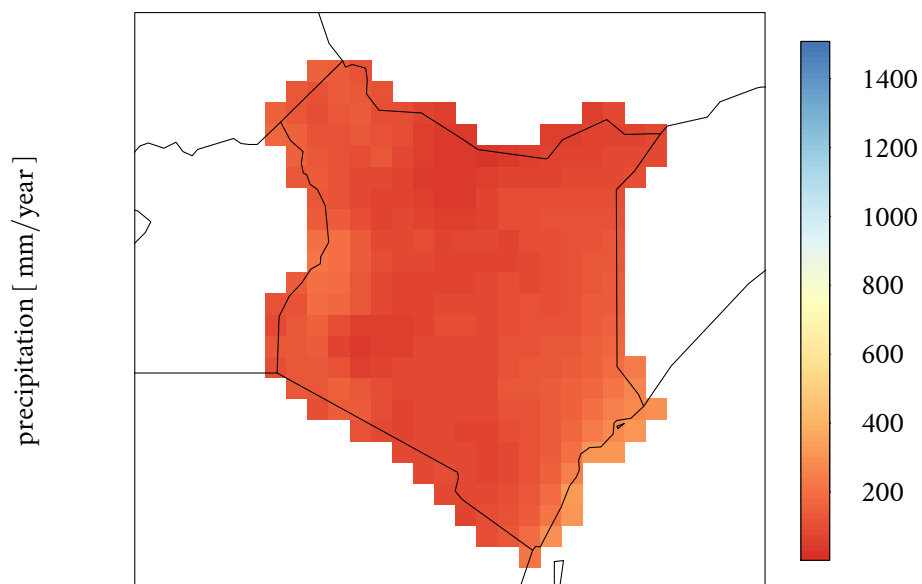


Figure 653: Mean across years, RCP 2.6, 2060 .. 2089

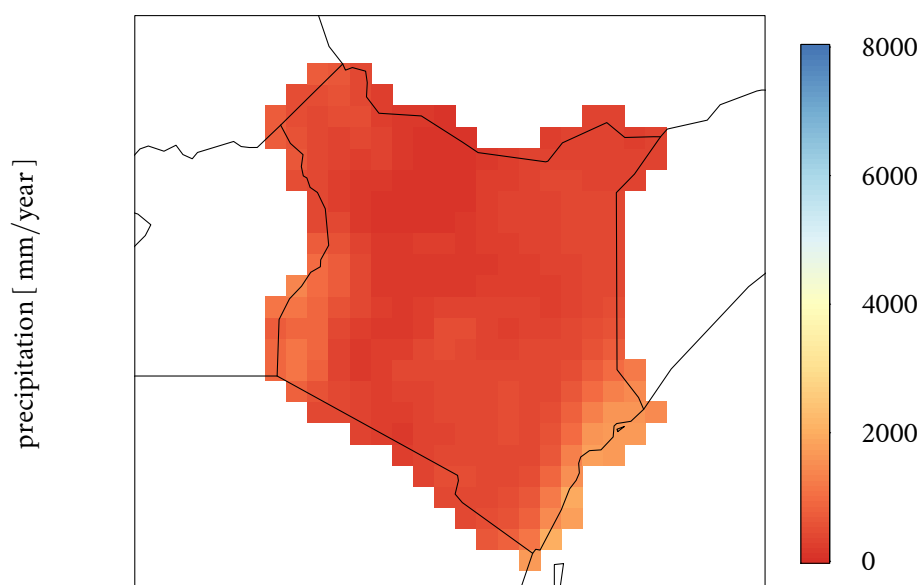


Figure 654: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

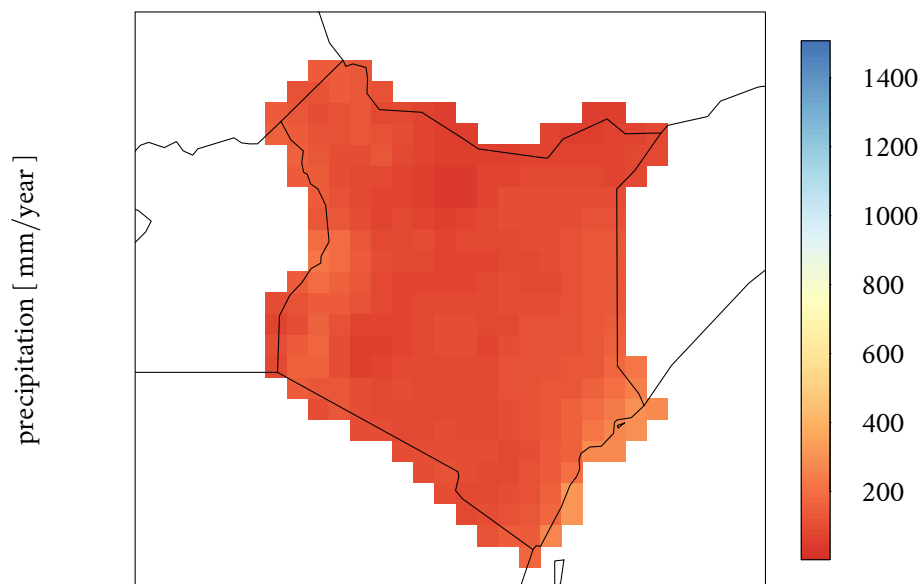
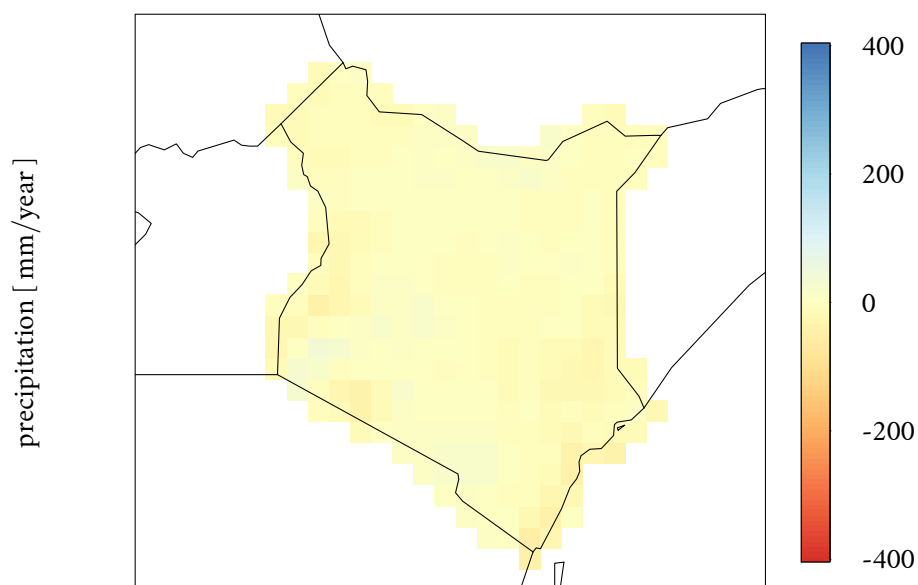


Figure 655: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.3.5 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 656: Mean across years, RCP 2.6, 2020 .. 2049

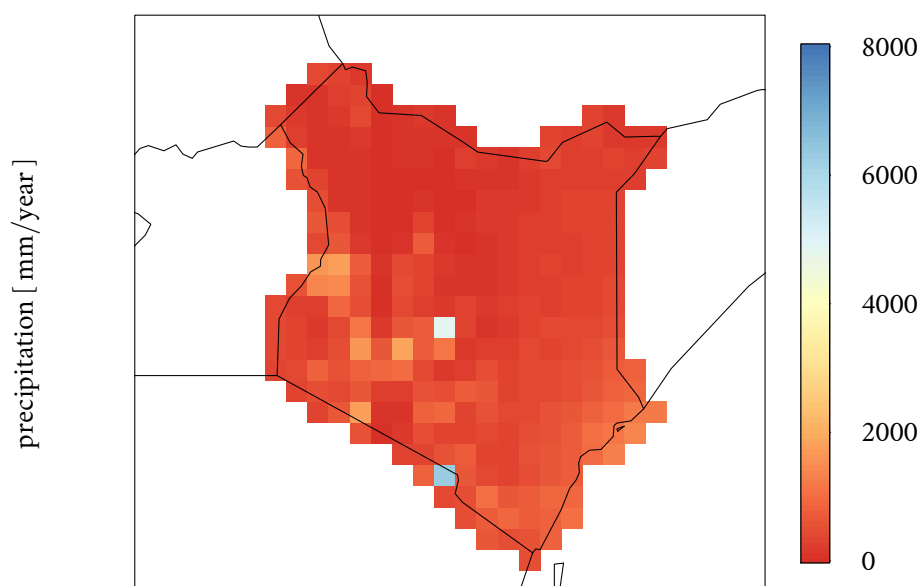


Figure 657: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

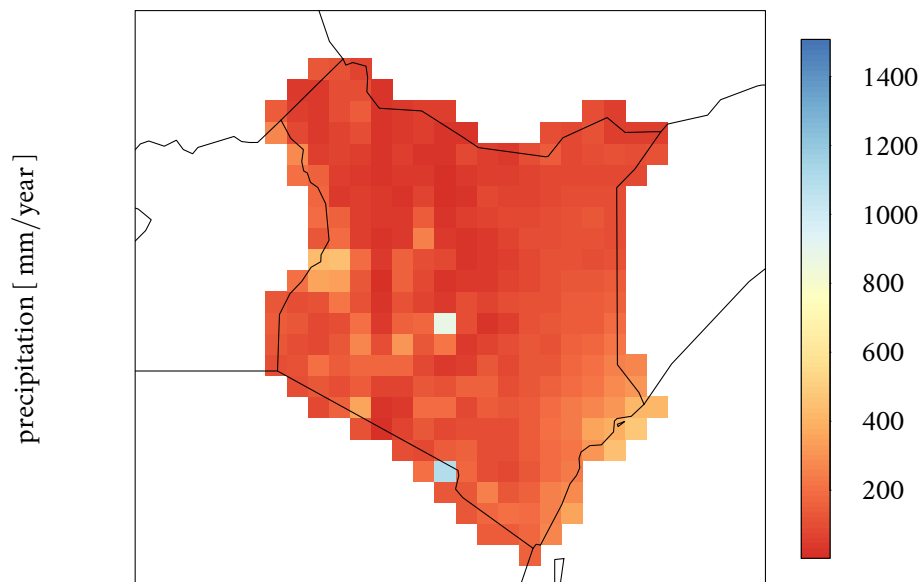


Figure 658: Mean across years, RCP 2.6, 2060 .. 2089

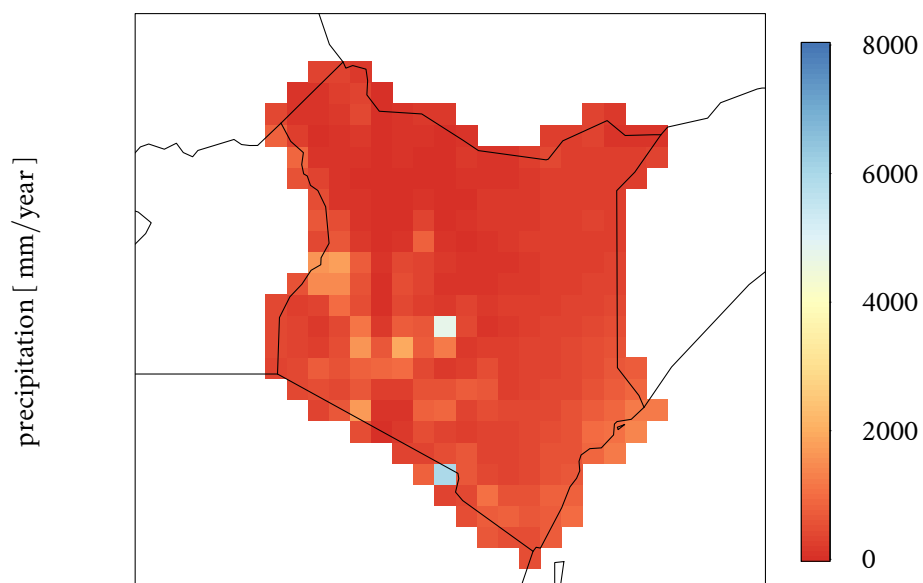


Figure 659: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

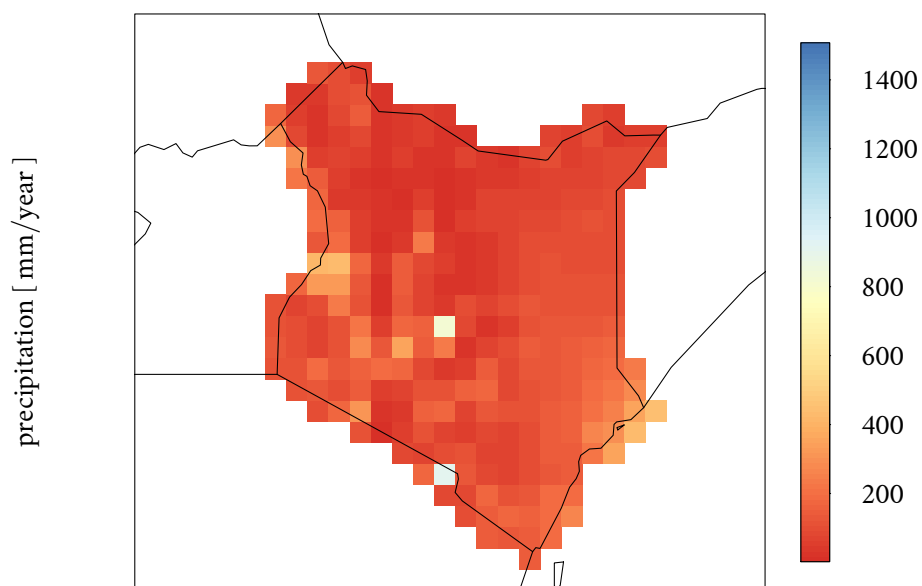
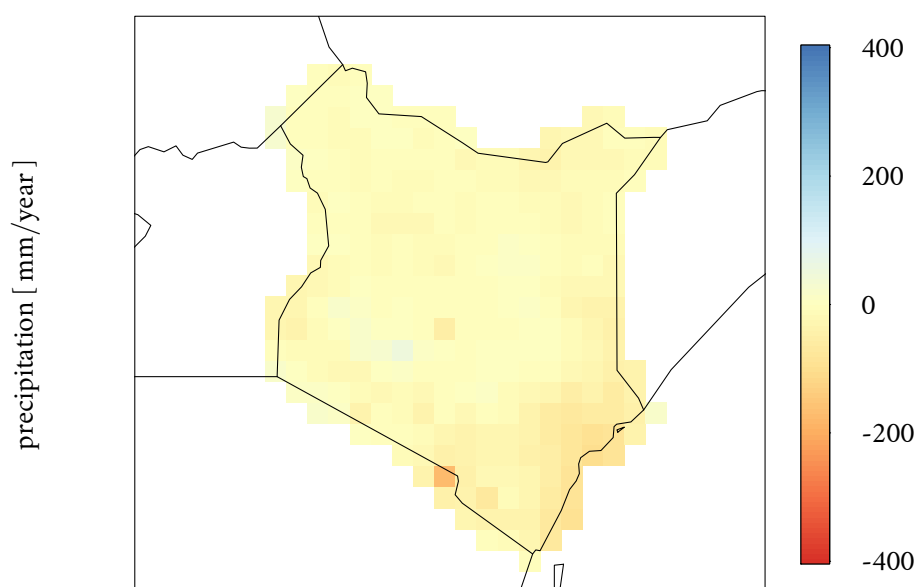


Figure 660: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.3.6 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 661: Mean across years, RCP 2.6, 2020 .. 2049

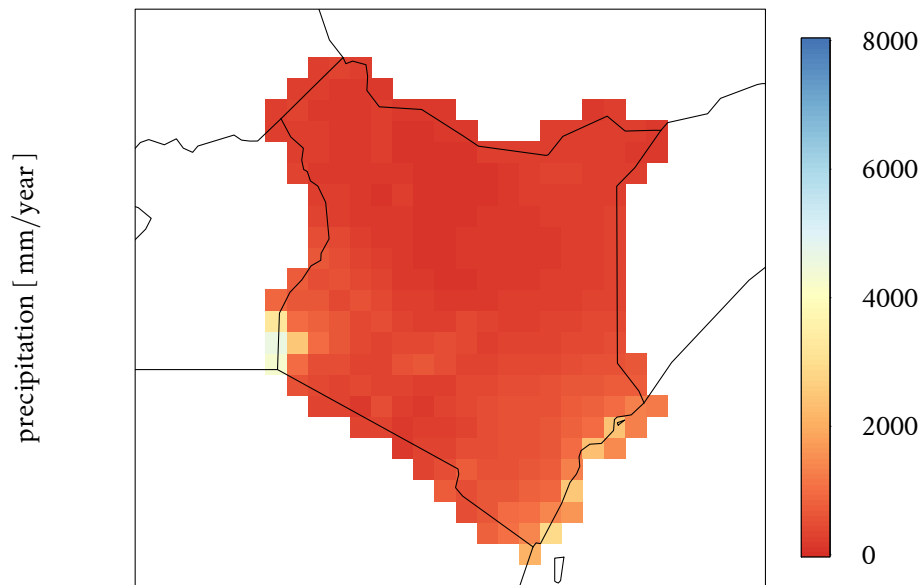


Figure 662: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

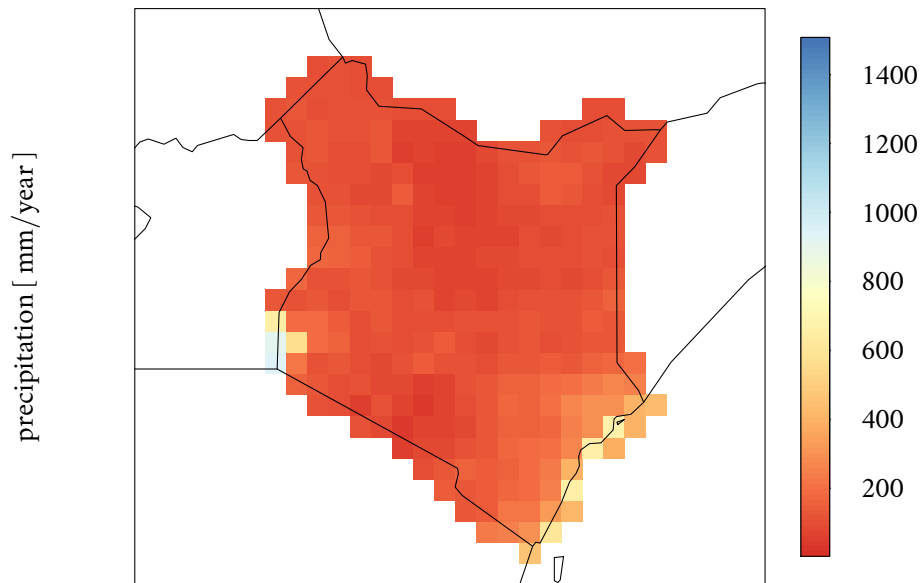


Figure 663: Mean across years, RCP 2.6, 2060 .. 2089

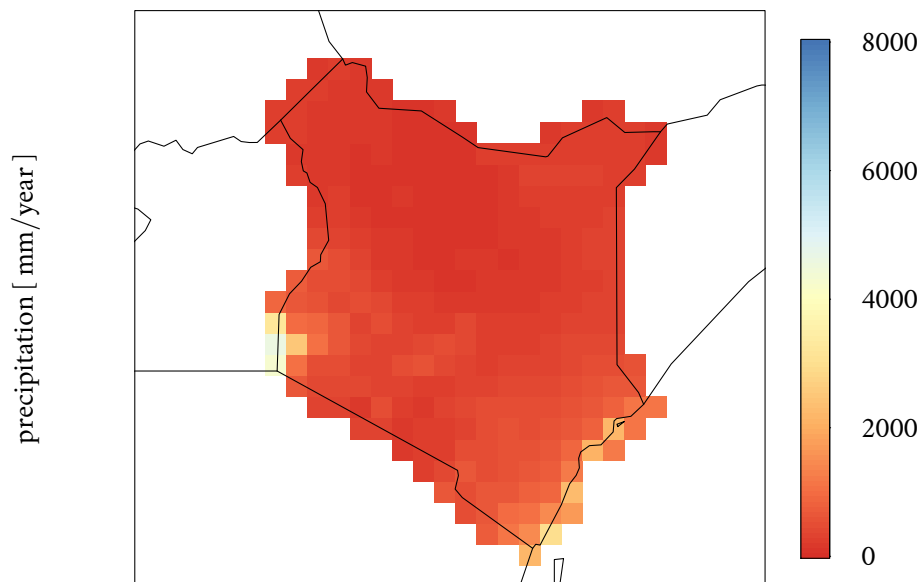


Figure 664: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

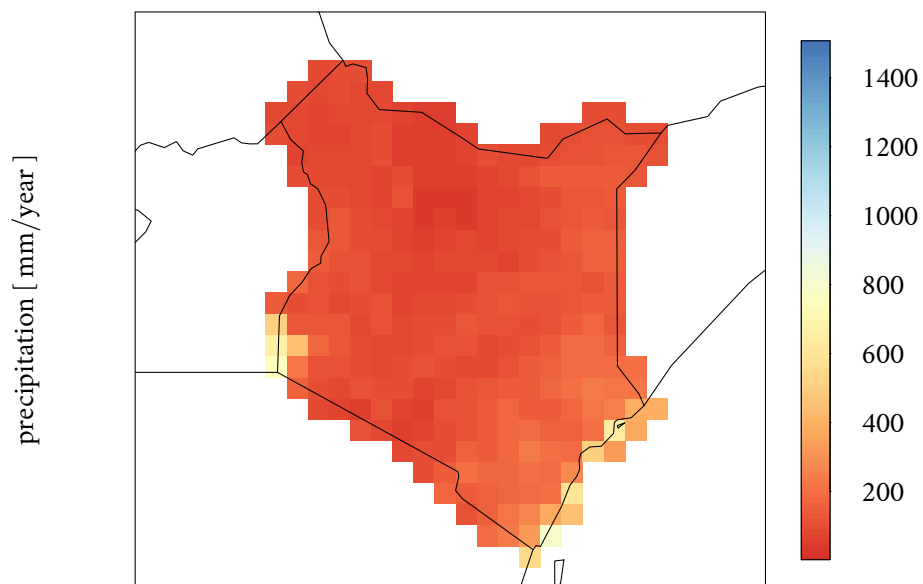
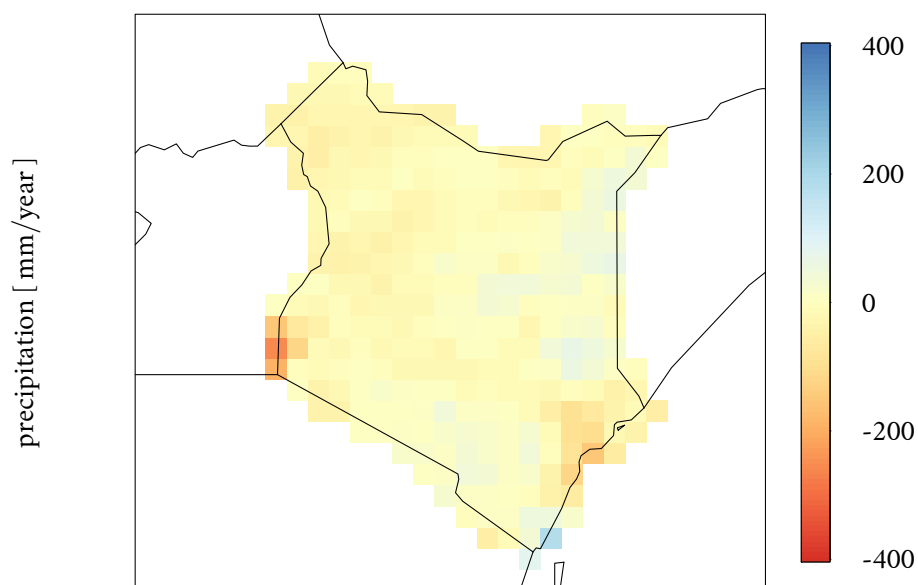


Figure 665: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.3.7 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 666: Mean across years, RCP 2.6, 2020 .. 2049

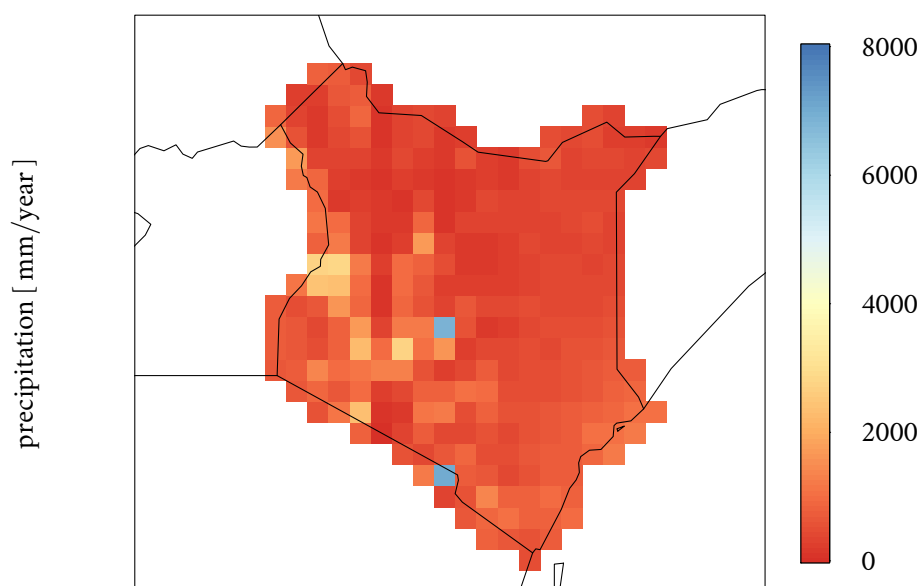


Figure 667: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

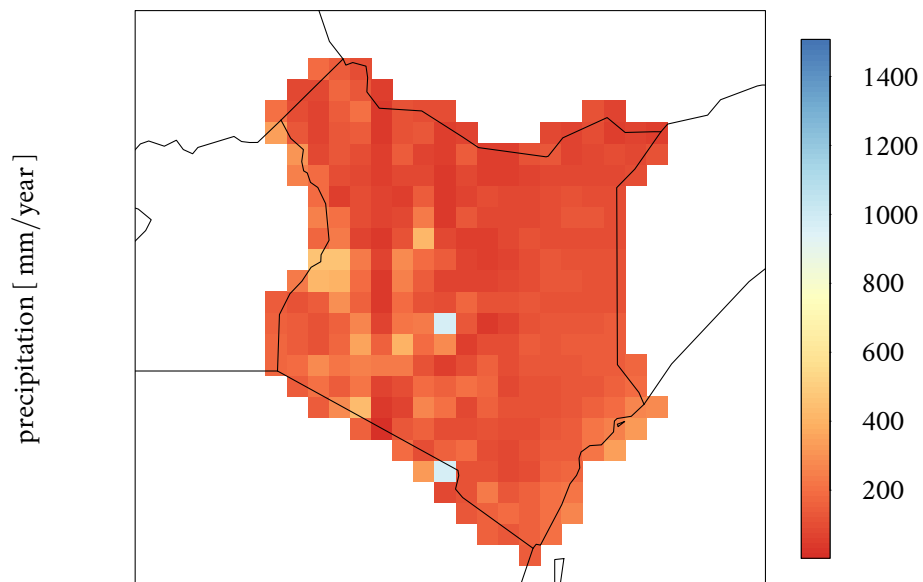


Figure 668: Mean across years, RCP 2.6, 2060 .. 2089

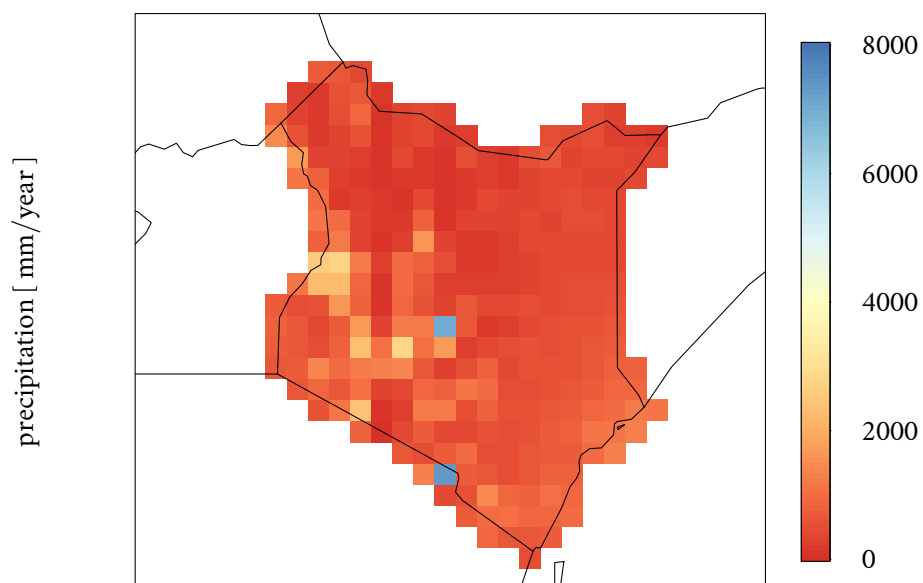


Figure 669: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

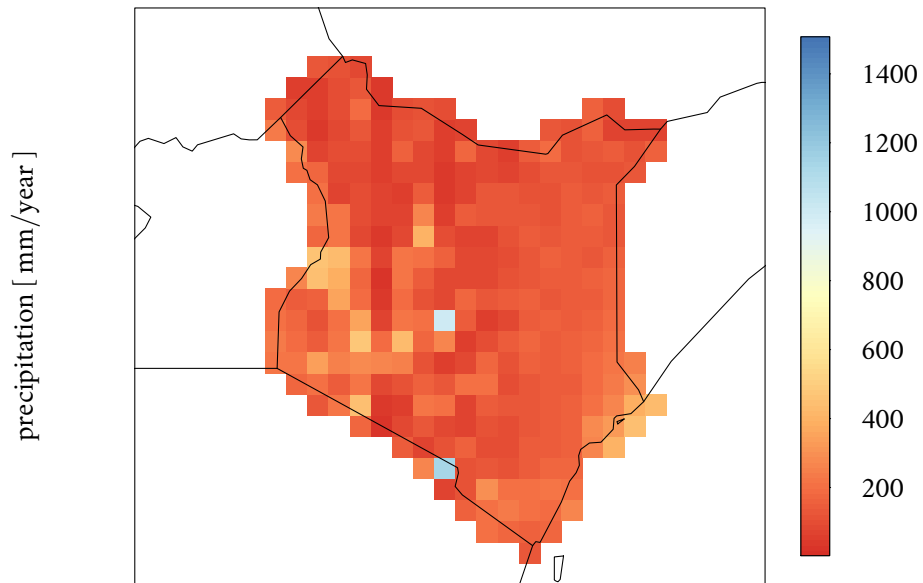
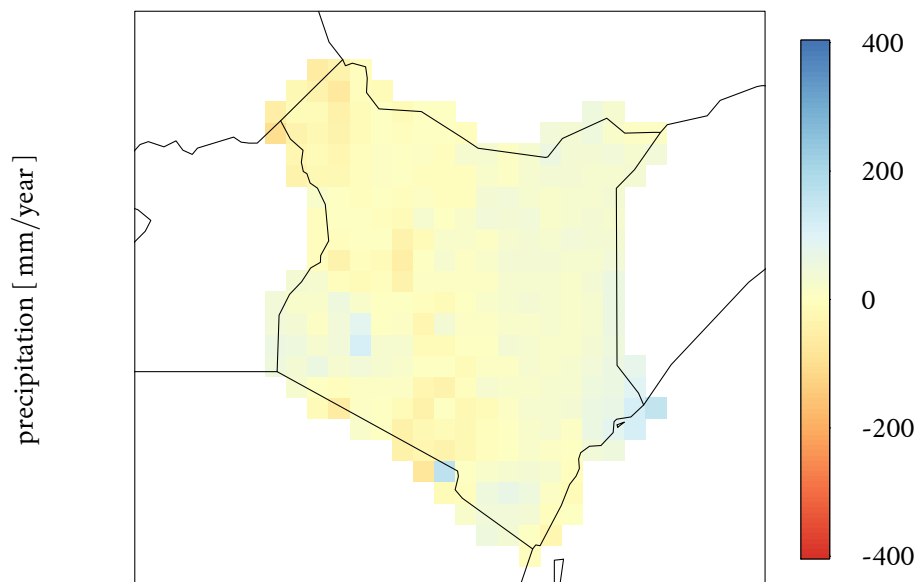


Figure 670: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.3.8 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 671: Mean across years, RCP 2.6, 2020 .. 2049

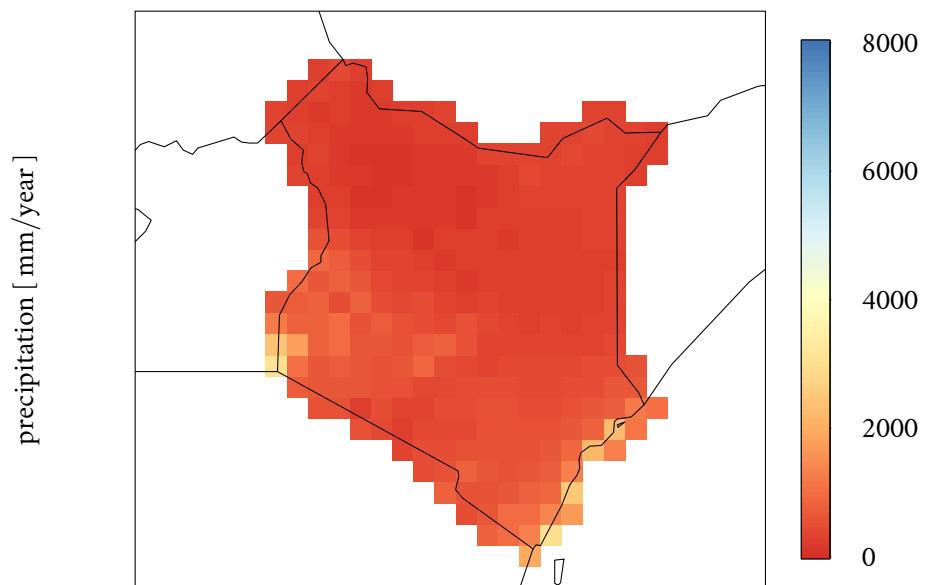


Figure 672: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

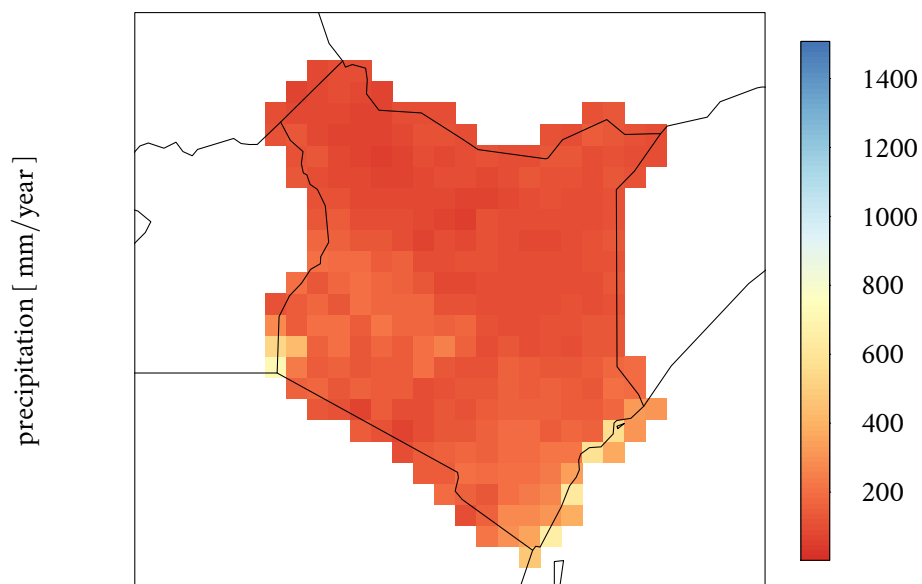


Figure 673: Mean across years, RCP 2.6, 2060 .. 2089

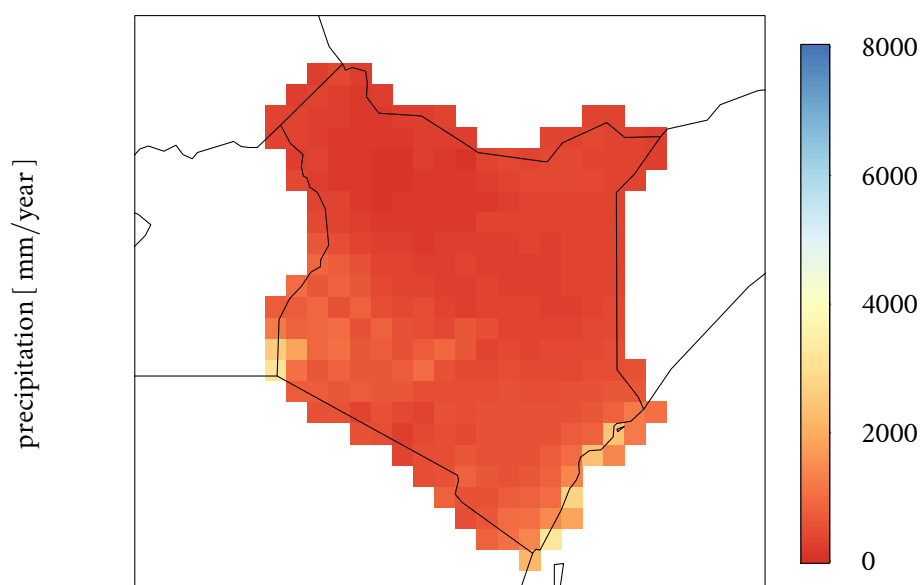


Figure 674: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

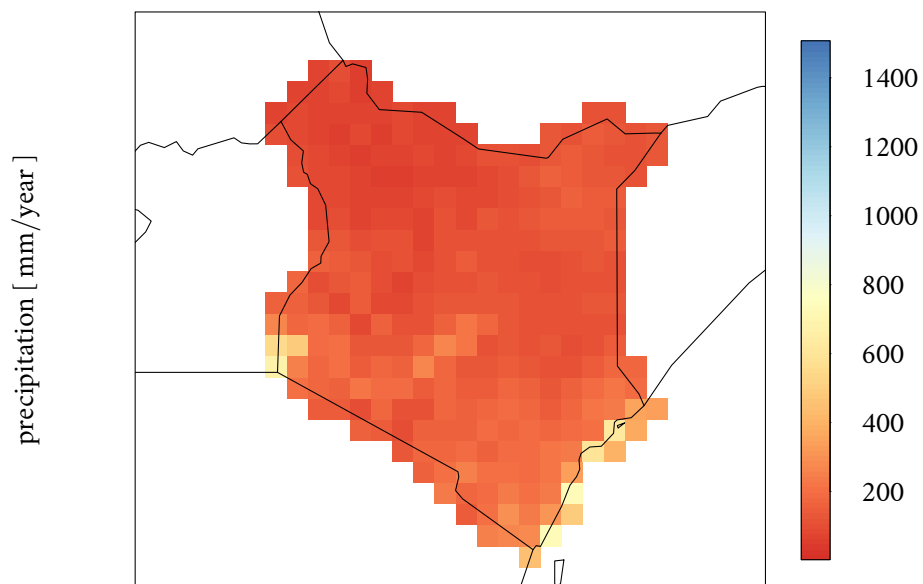
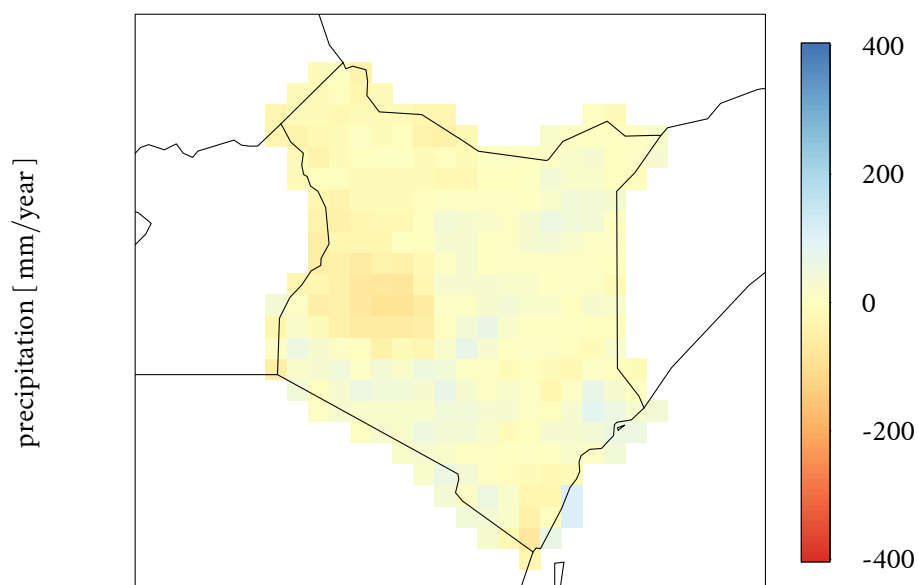


Figure 675: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.3.9 GCM NCC-NorESM1-M / RCM RCA4

Figure 676: Mean across years, RCP 2.6, 2020 .. 2049

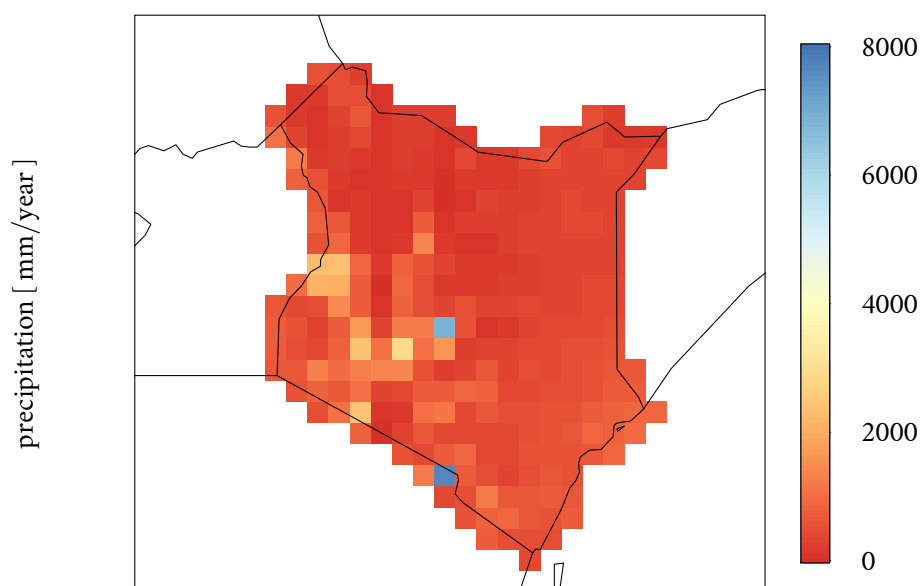


Figure 677: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

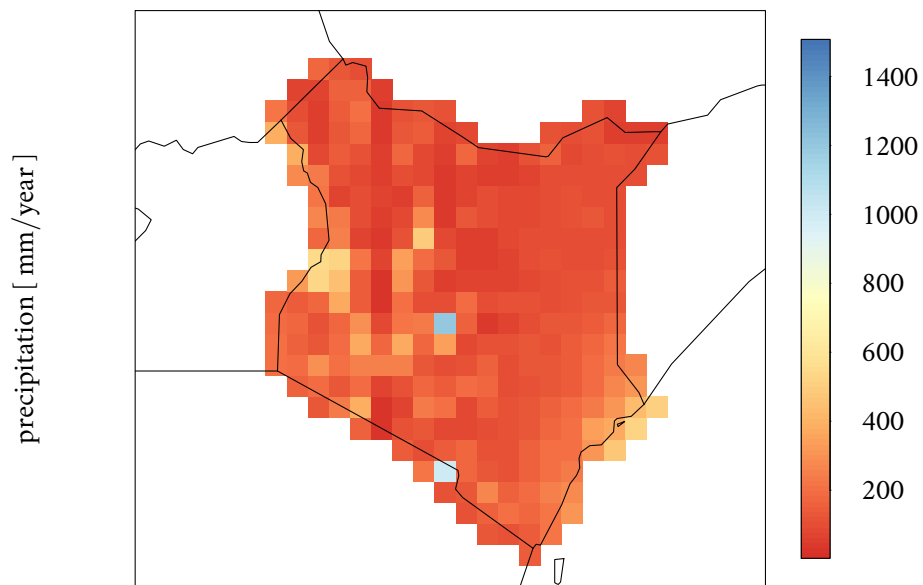


Figure 678: Mean across years, RCP 2.6, 2060 .. 2089

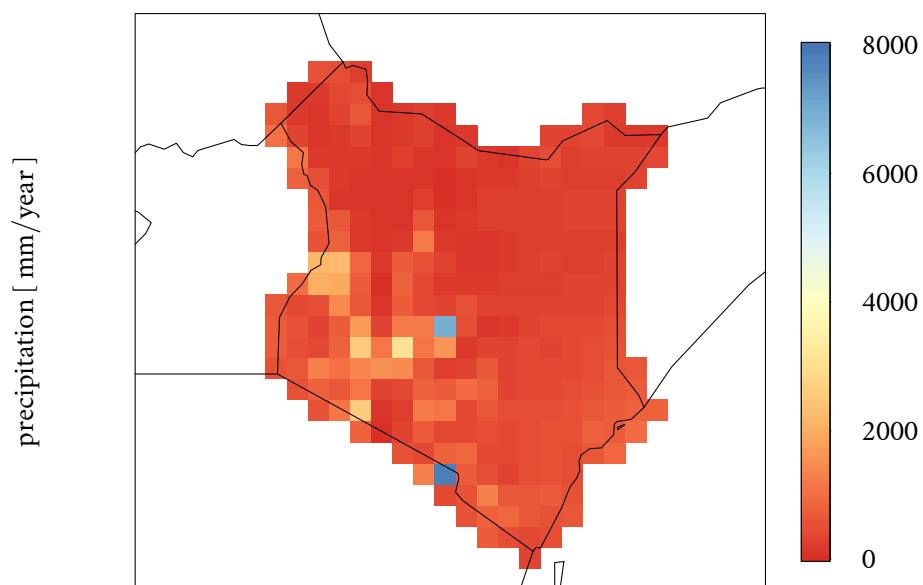


Figure 679: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

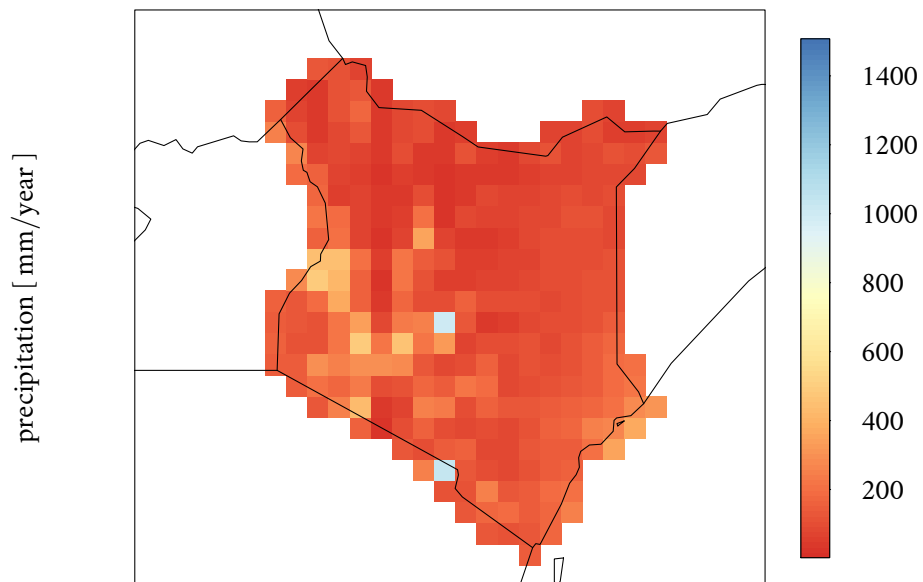
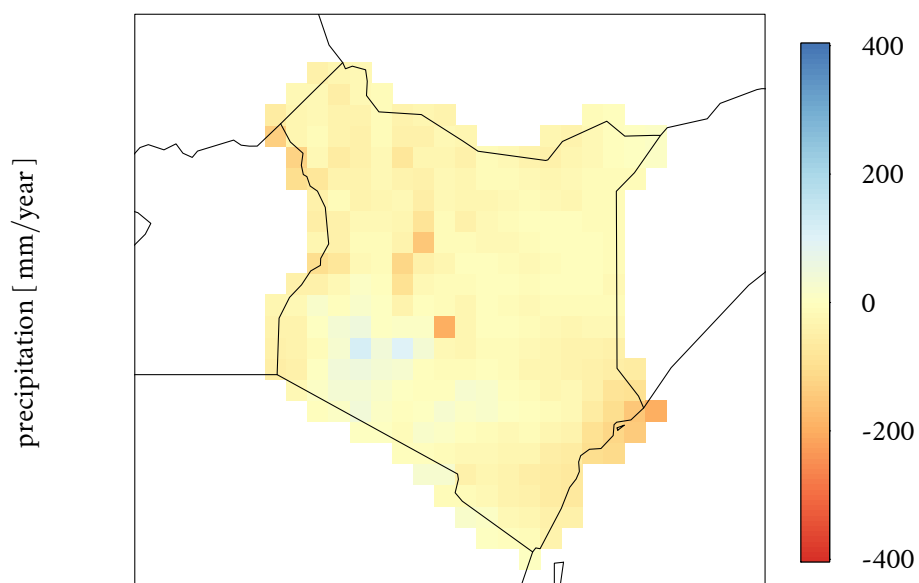


Figure 680: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.3.10 GCM NOAA-GFDL-GFDL-ESM2G / RCM REMO2009

Figure 681: Mean across years, RCP 2.6, 2020 .. 2049

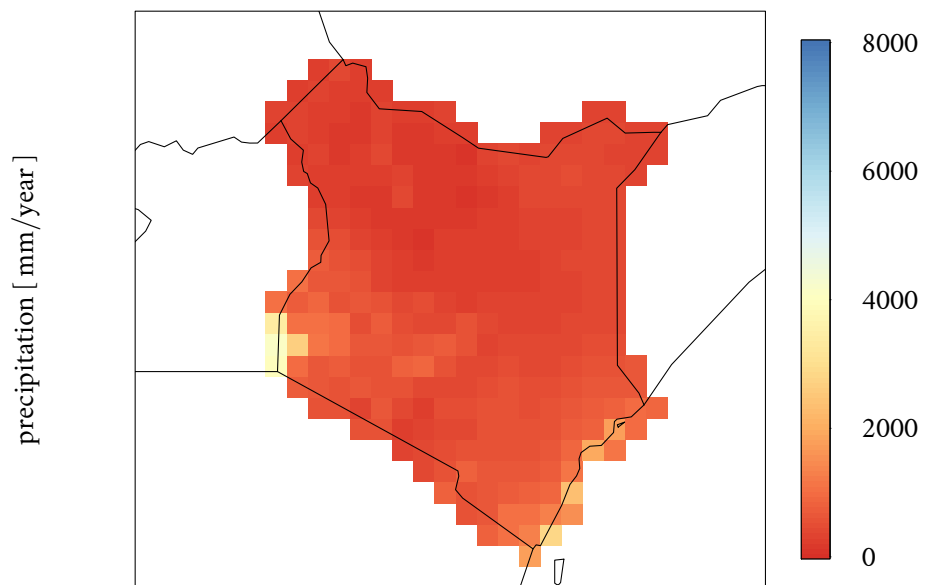


Figure 682: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

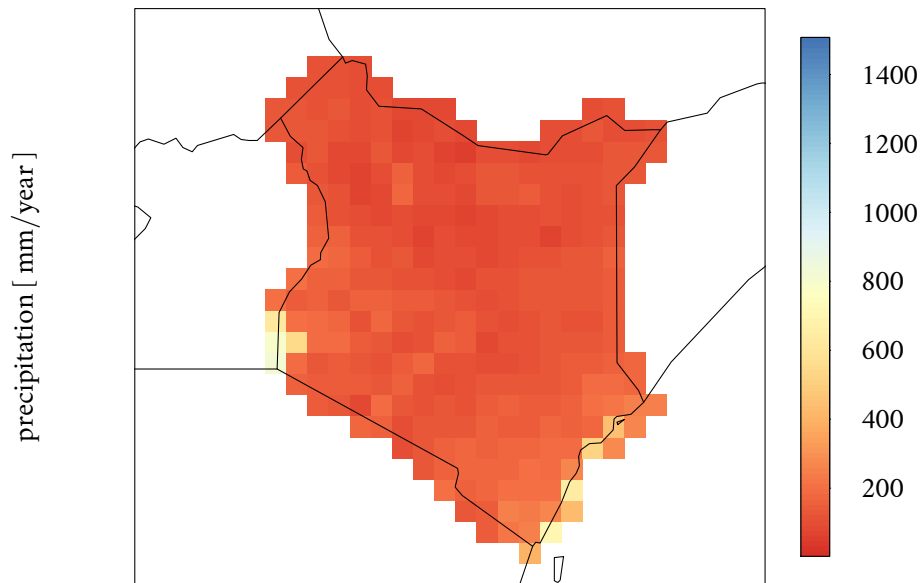


Figure 683: Mean across years, RCP 2.6, 2060 .. 2089

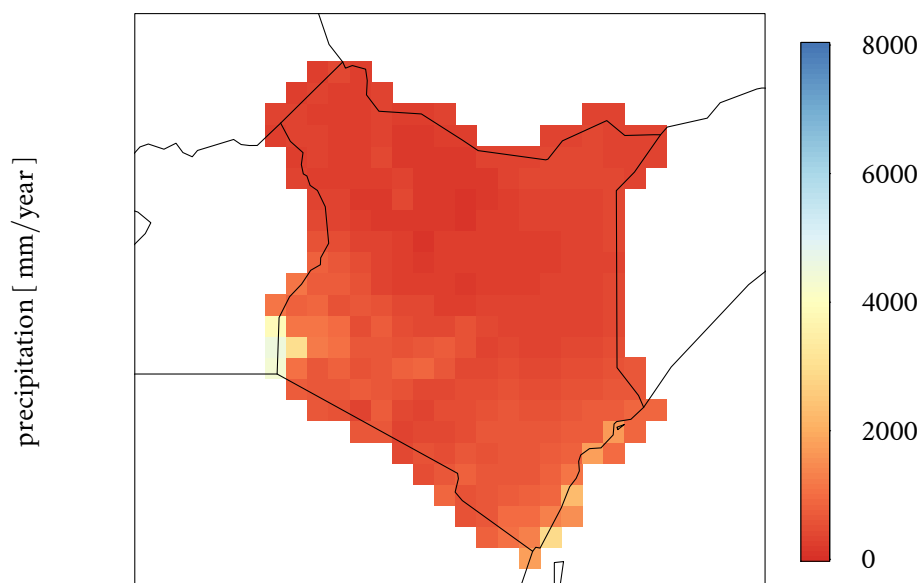


Figure 684: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

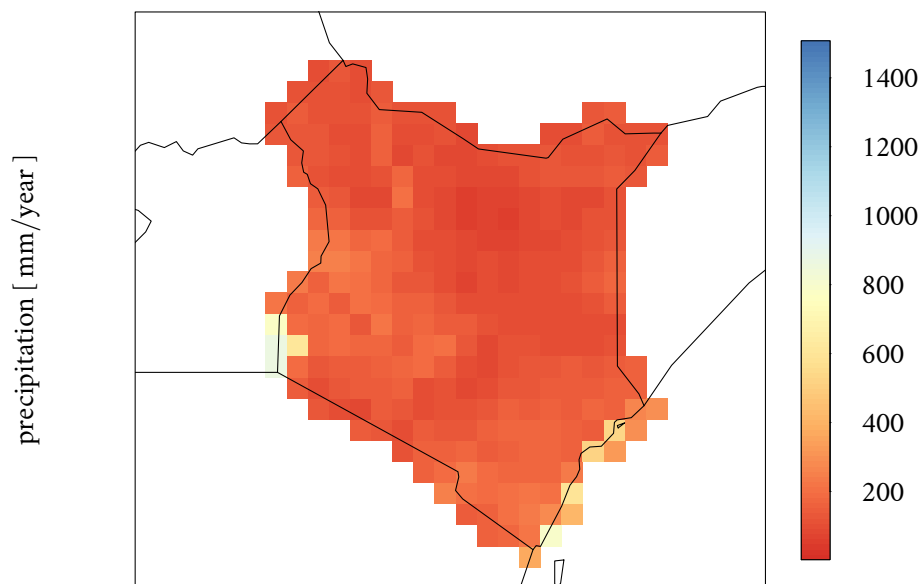
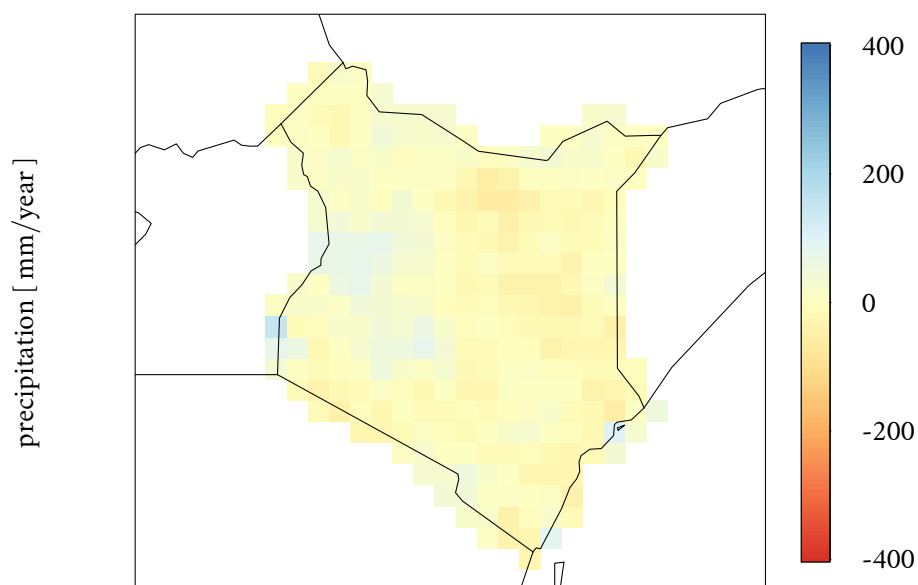


Figure 685: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



B.4 Kenya / RCP 8.5

B.4.1 GCM CCCma-CanESM2 / RCM RCA4

Figure 686: Mean across years, RCP 8.5, 2020 .. 2049

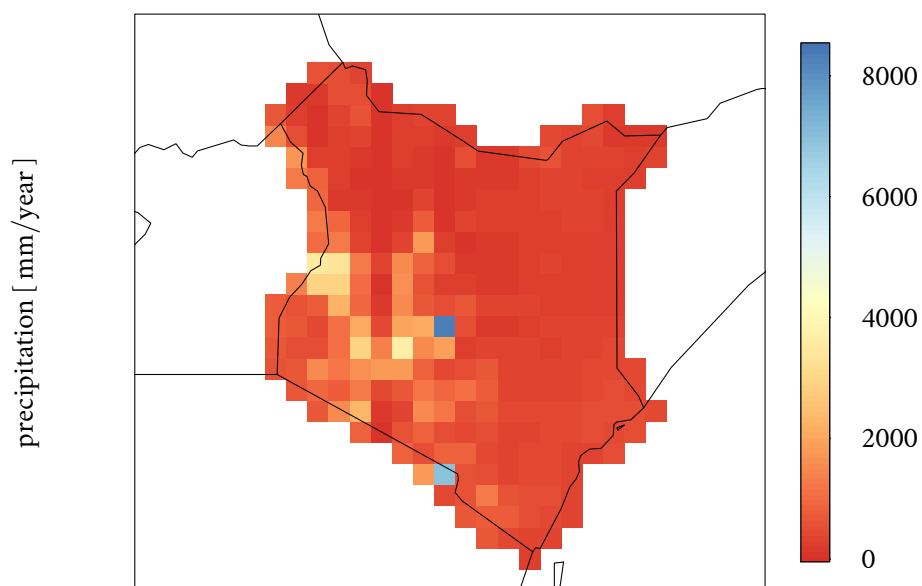


Figure 687: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

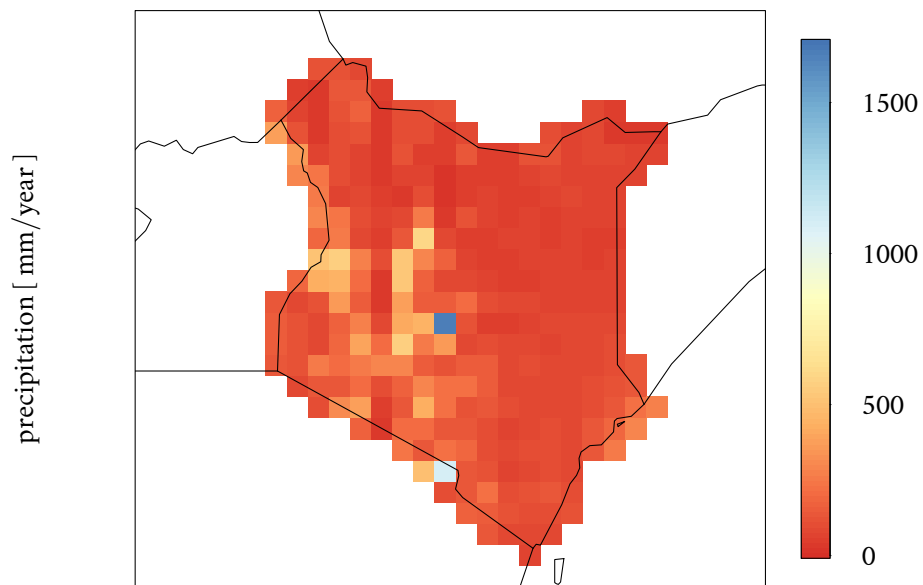


Figure 688: Mean across years, RCP 8.5, 2060 .. 2089

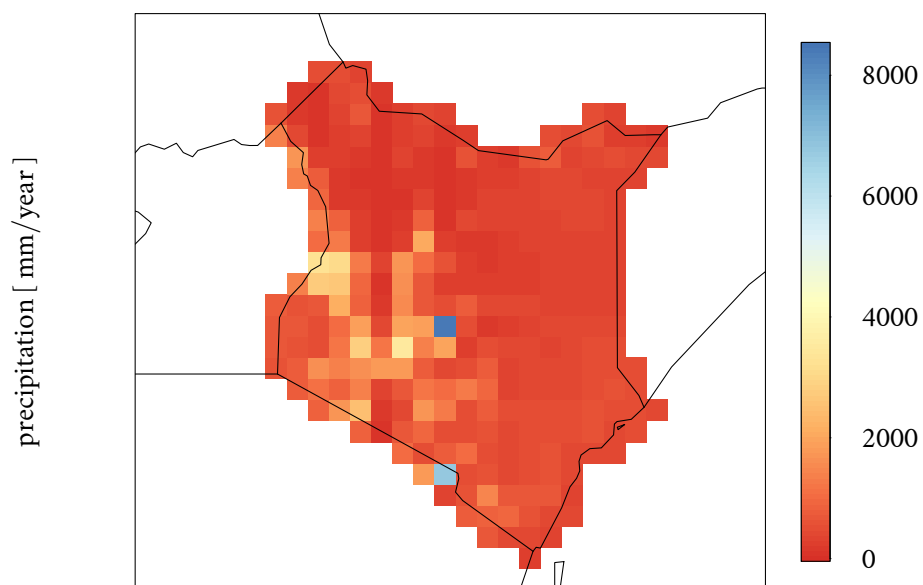


Figure 689: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

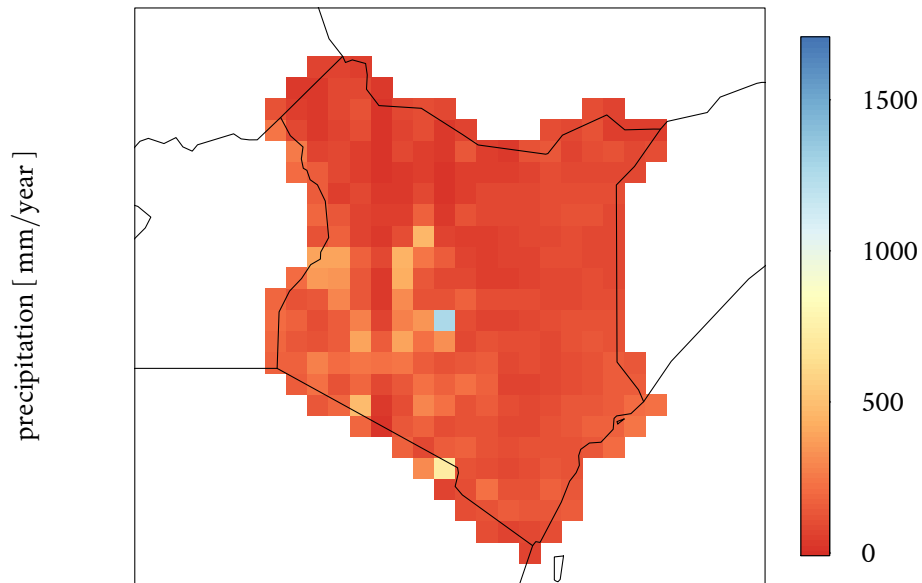
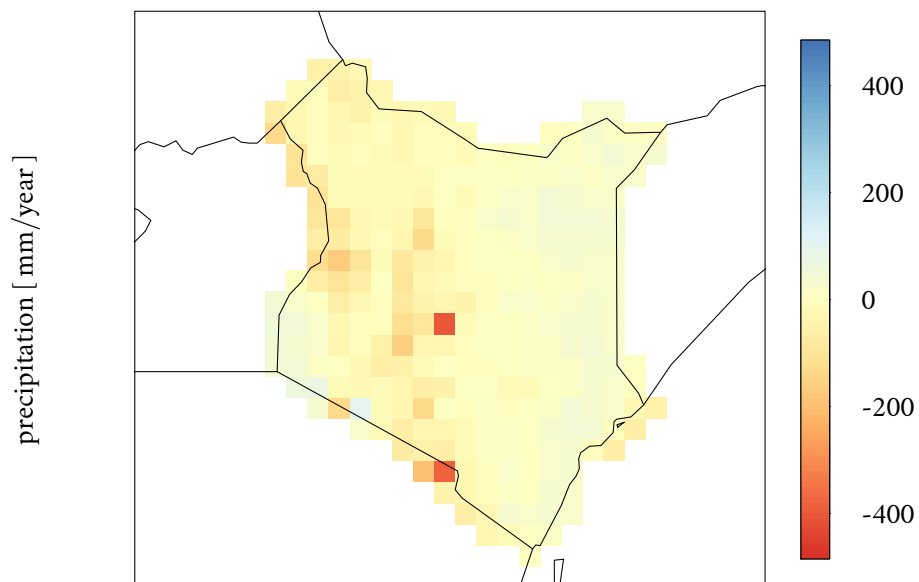


Figure 690: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.2 GCM CNRM-CERFACS-CNRM-CM5 / RCM CCLM4-8-17

Figure 691: Mean across years, RCP 8.5, 2020 .. 2049

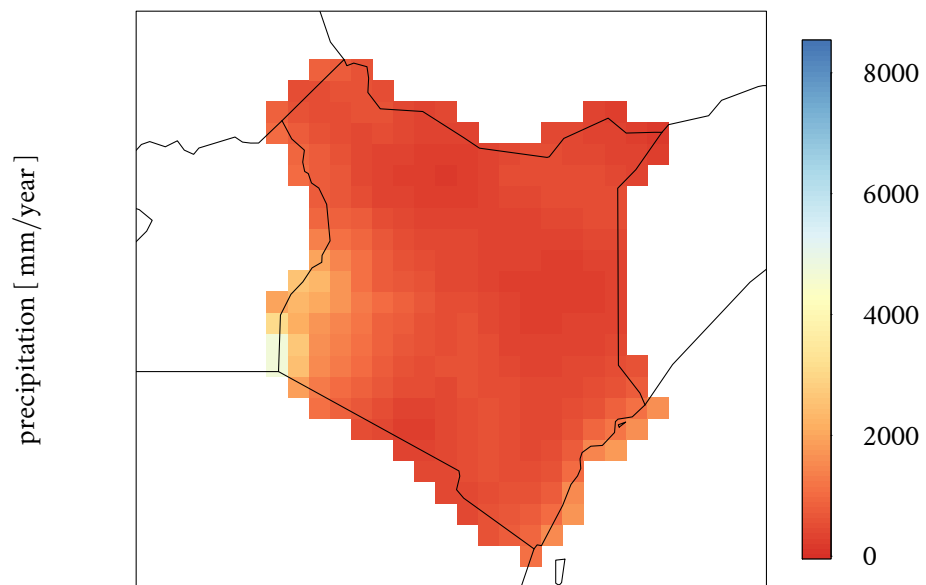


Figure 692: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

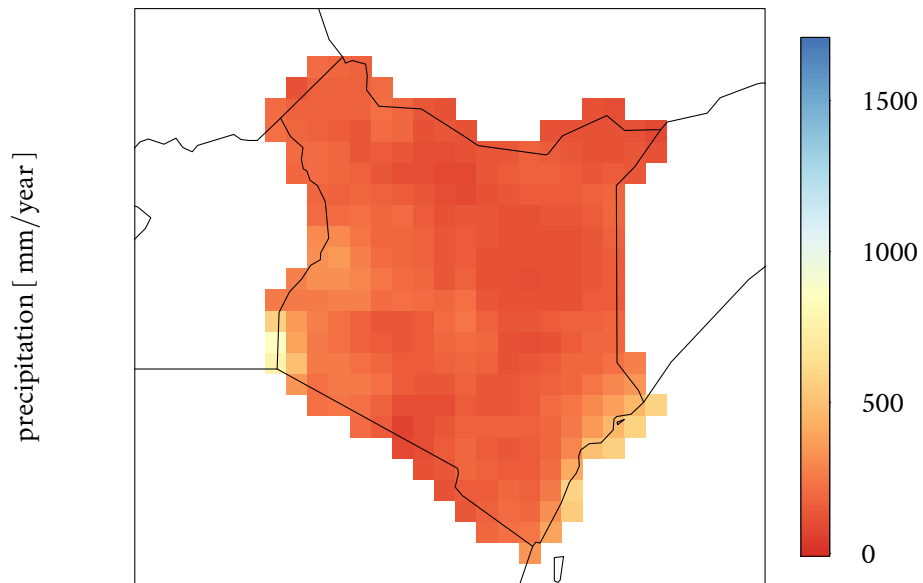


Figure 693: Mean across years, RCP 8.5, 2060 .. 2089

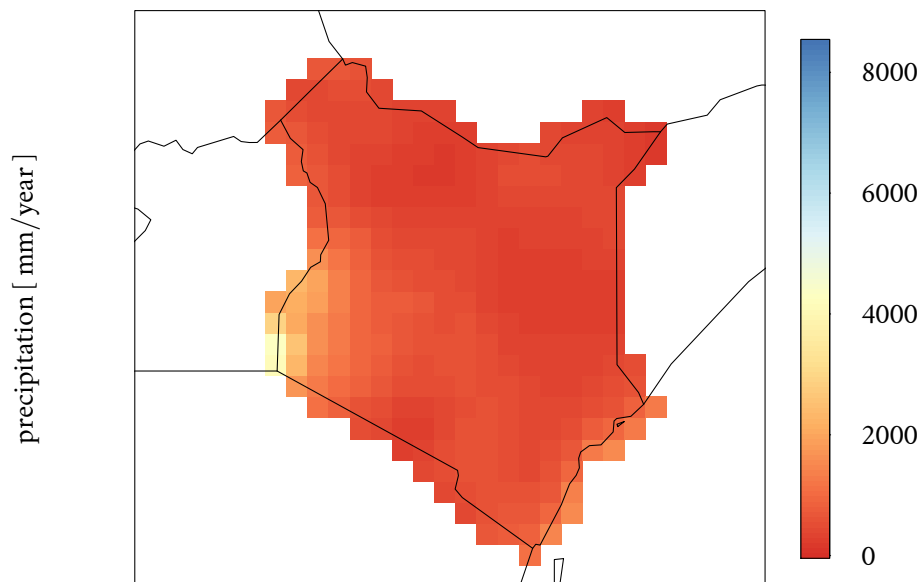


Figure 694: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

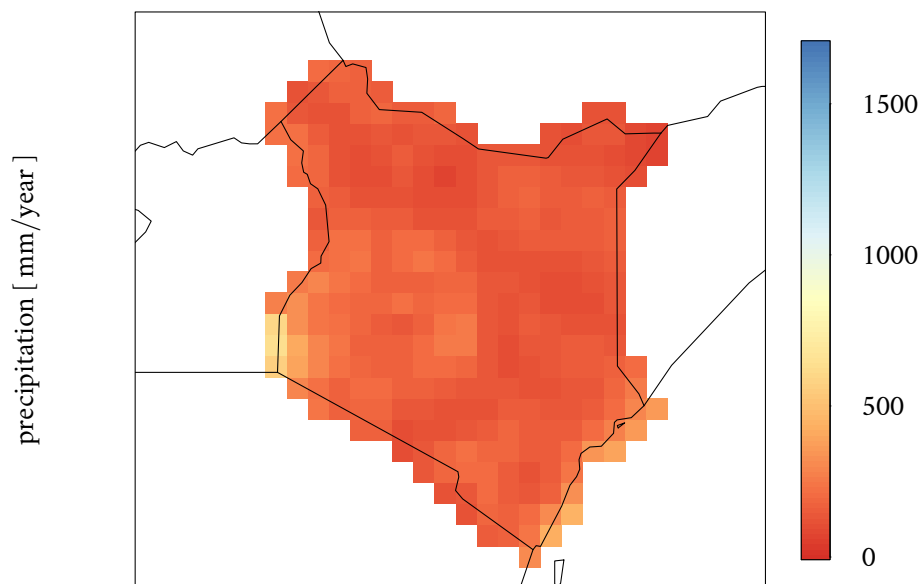
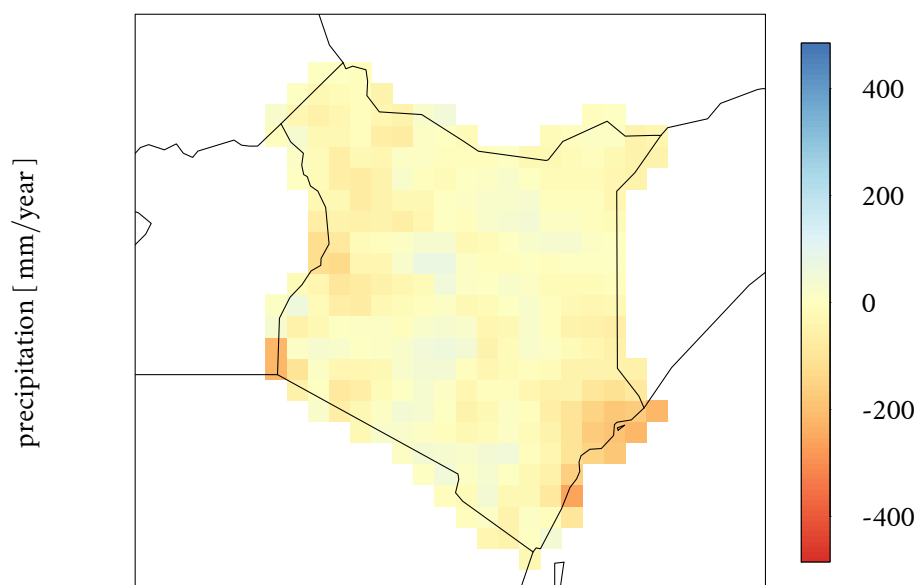


Figure 695: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.3 GCM CNRM-CERFACS-CNRM-CM5 / RCM RCA4

Figure 696: Mean across years, RCP 8.5, 2020 .. 2049

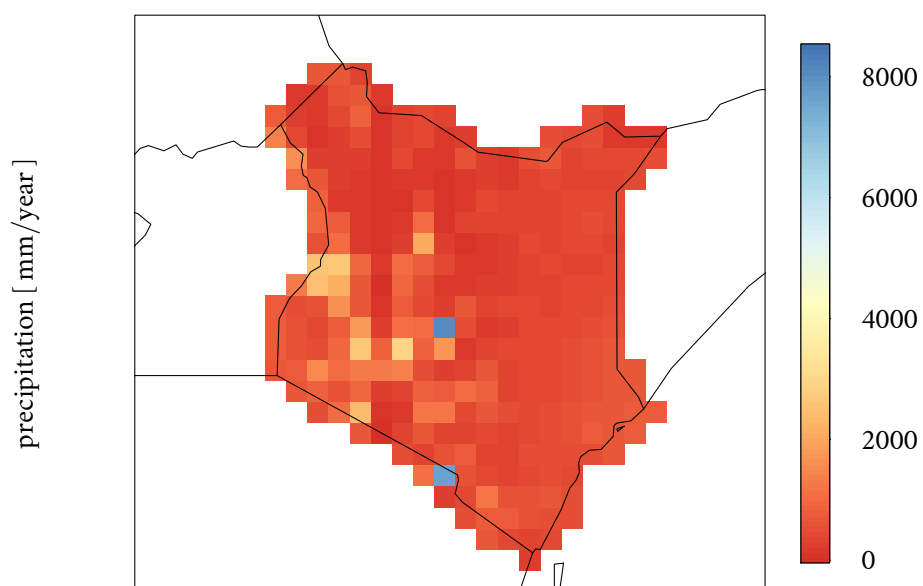


Figure 697: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

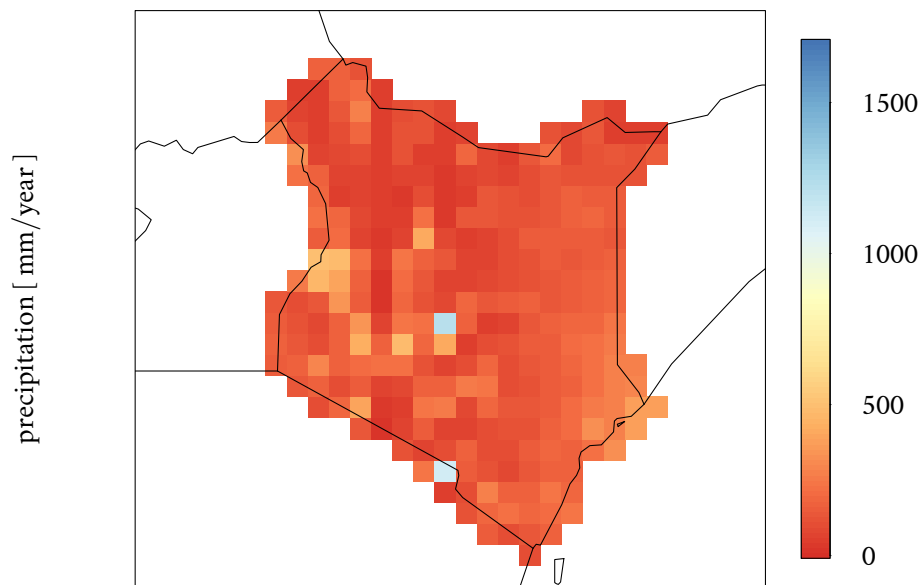


Figure 698: Mean across years, RCP 8.5, 2060 .. 2089

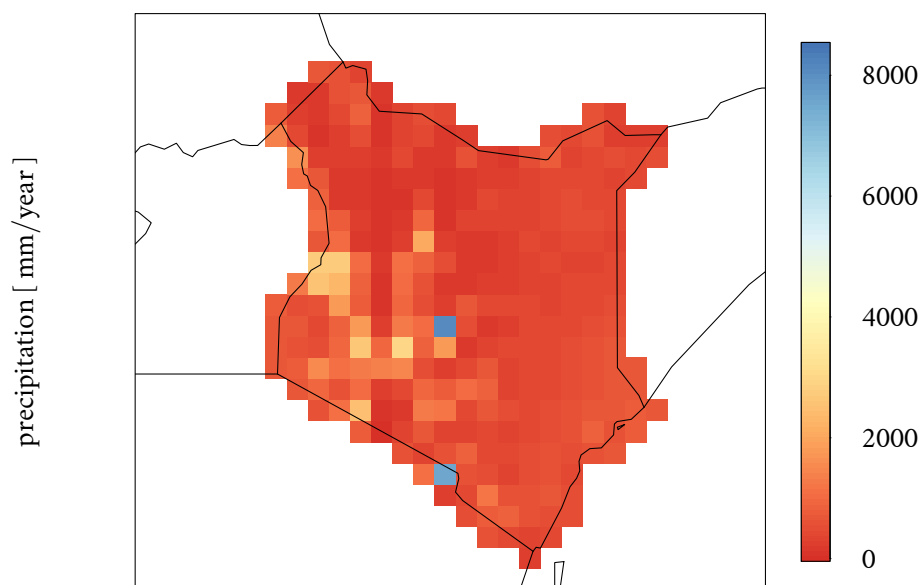


Figure 699: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

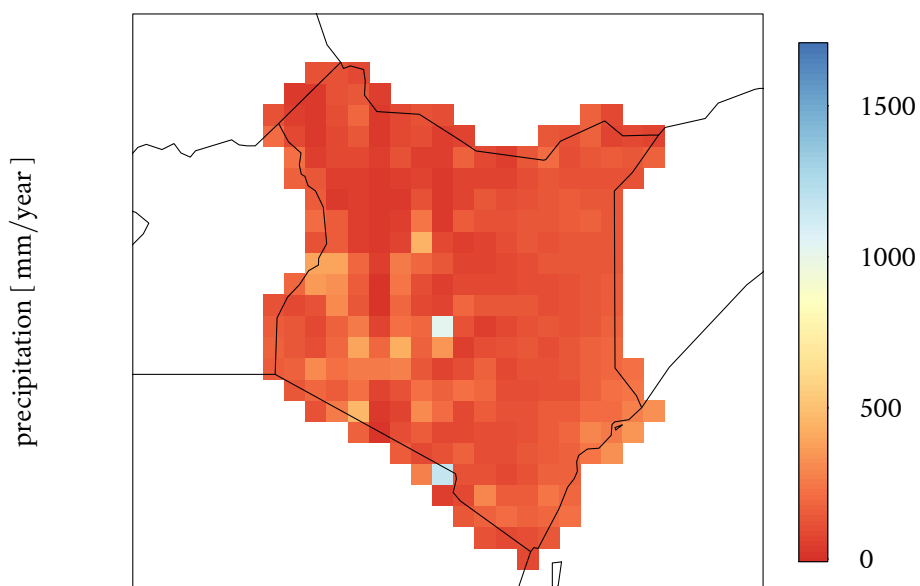
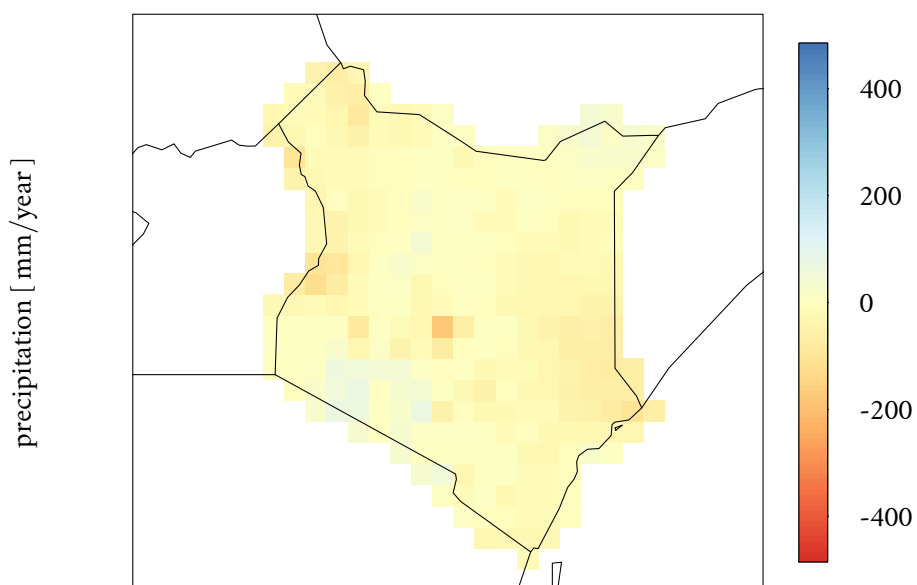


Figure 700: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.4 GCM CSIRO-QCCCE-CSIRO-Mk3-6-0 / RCM RCA4

Figure 701: Mean across years, RCP 8.5, 2020 .. 2049

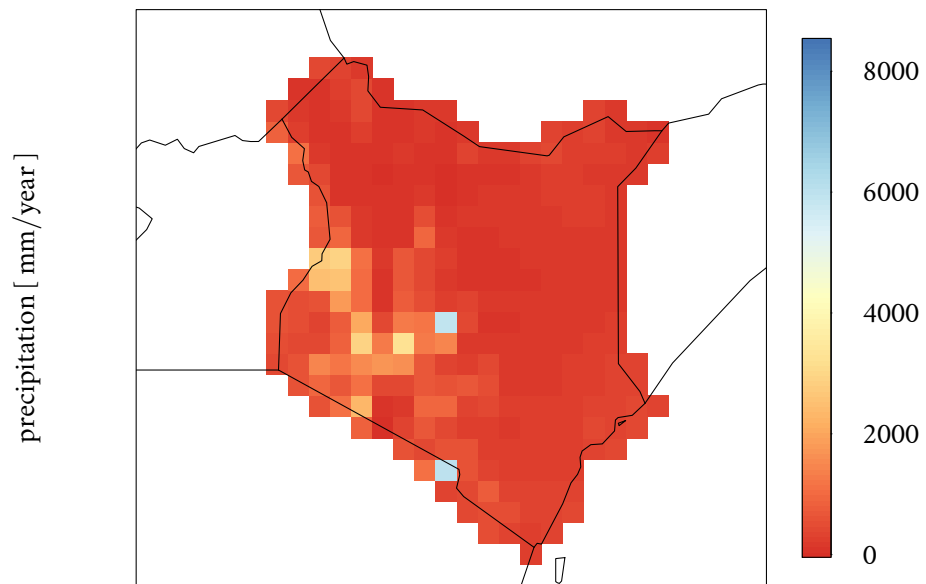


Figure 702: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

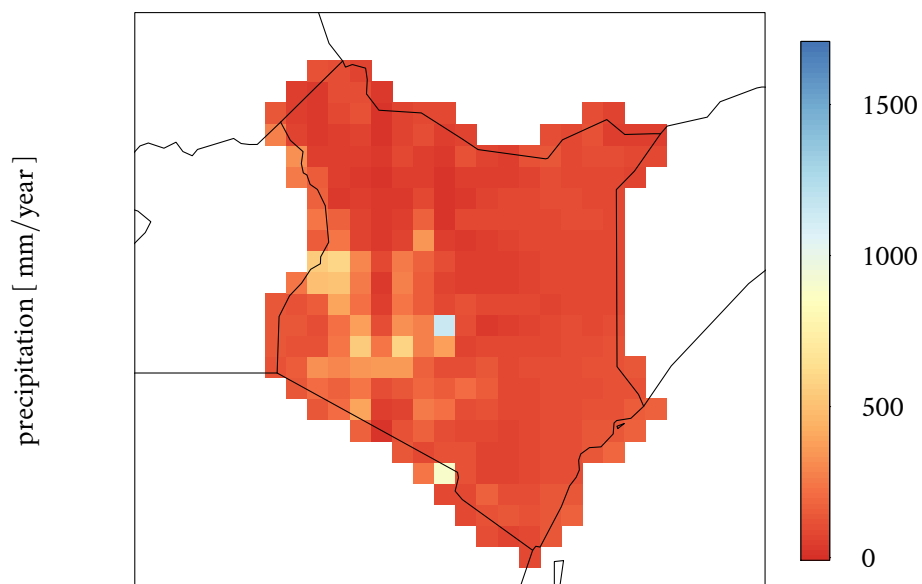


Figure 703: Mean across years, RCP 8.5, 2060 .. 2089

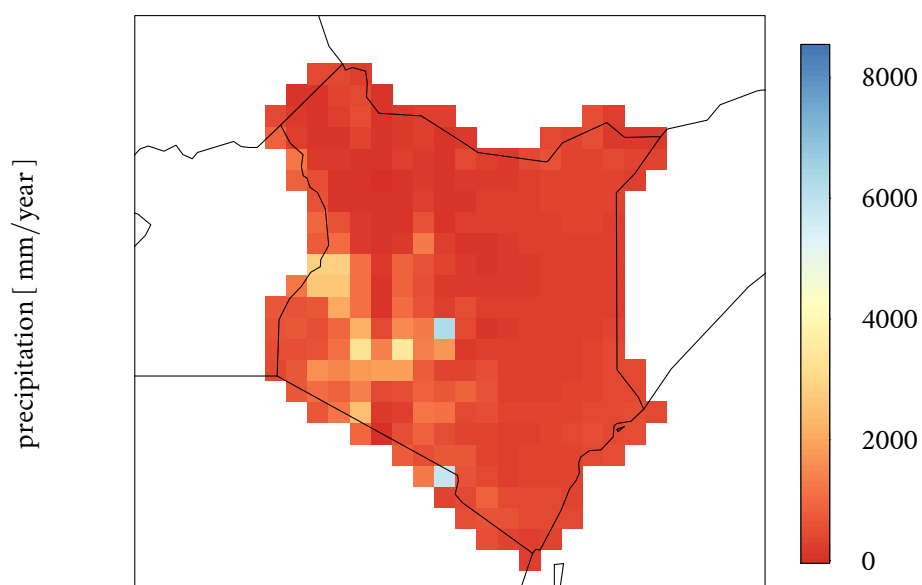


Figure 704: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

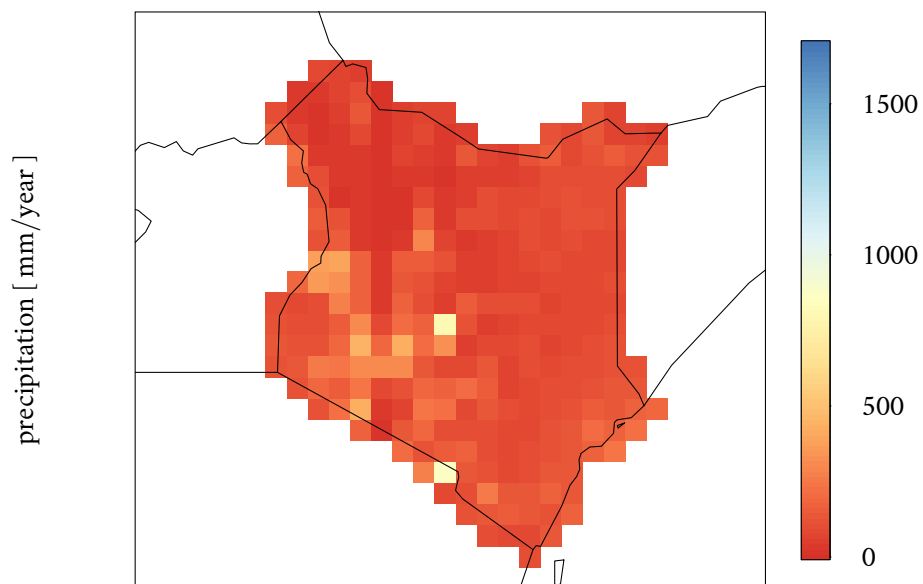
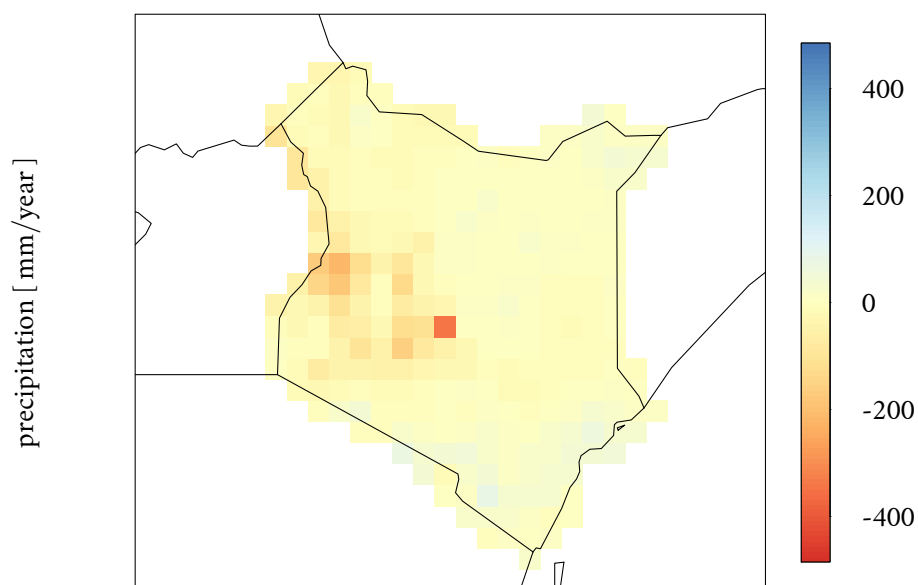


Figure 705: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.5 GCM ICHEC-EC-EARTH / RCM RACMO22T

Figure 706: Mean across years, RCP 8.5, 2020 .. 2049

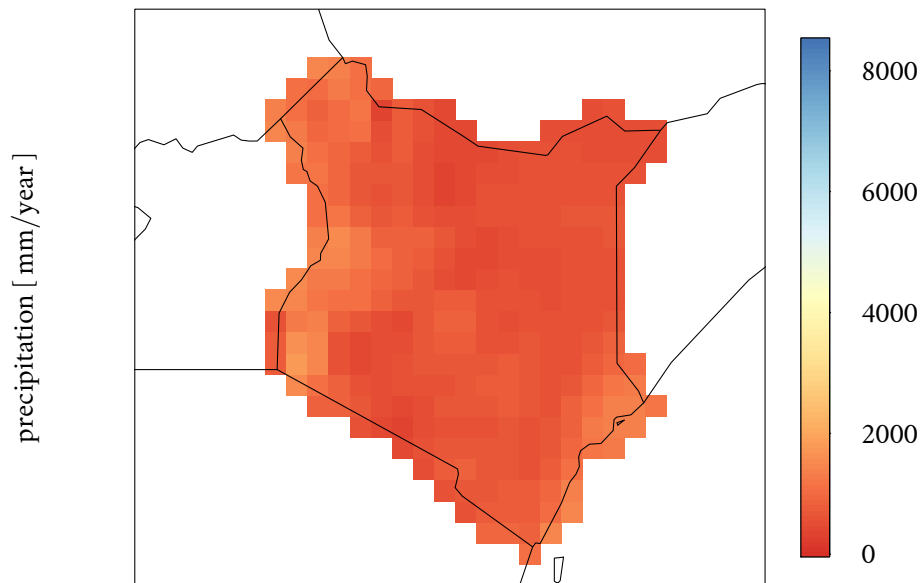


Figure 707: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

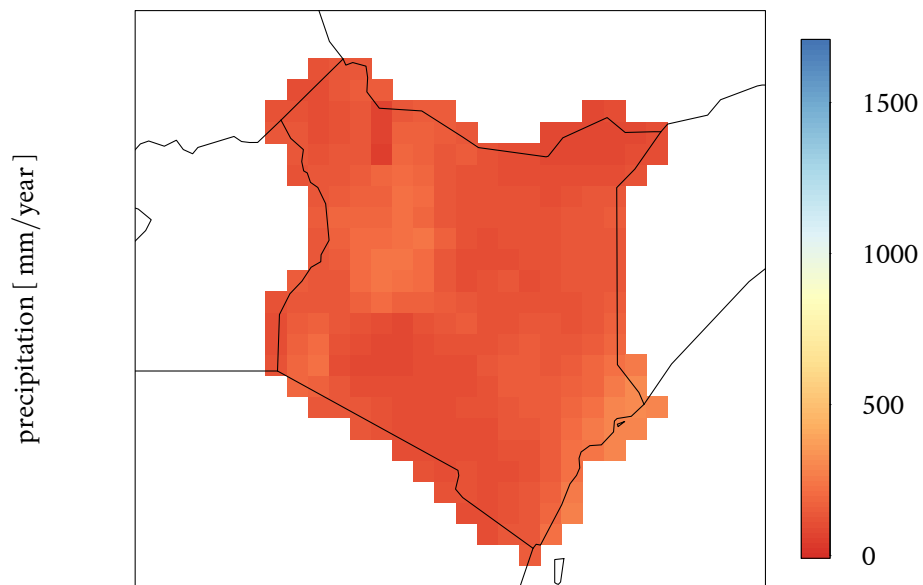


Figure 708: Mean across years, RCP 8.5, 2060 .. 2089

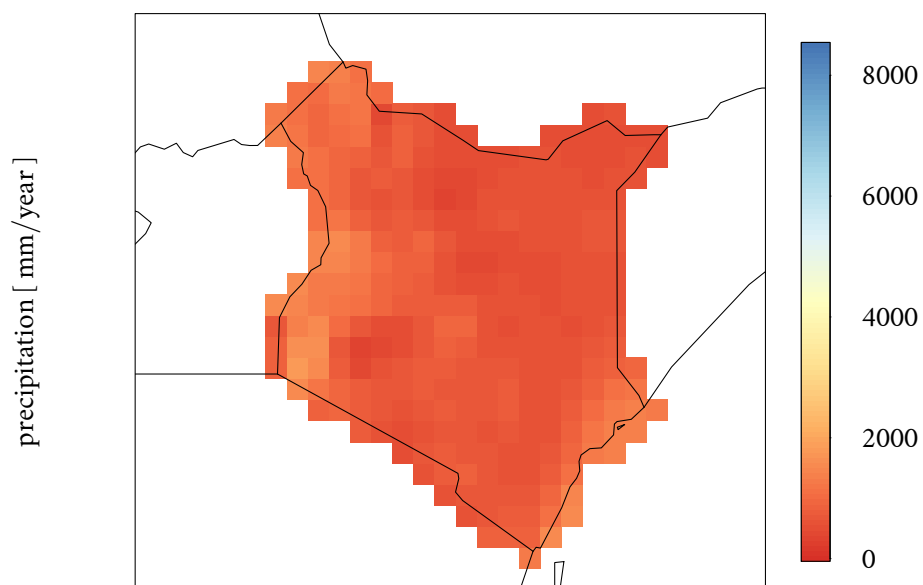


Figure 709: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

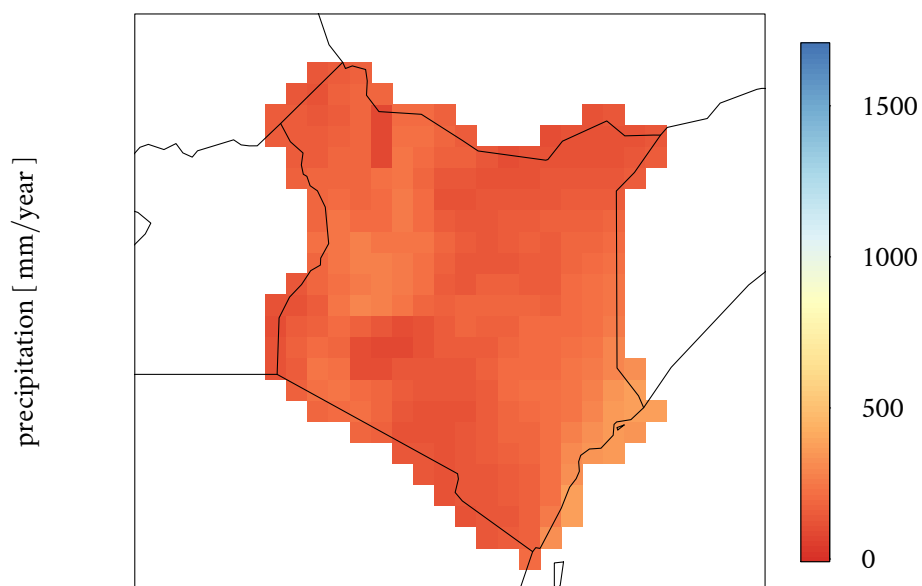
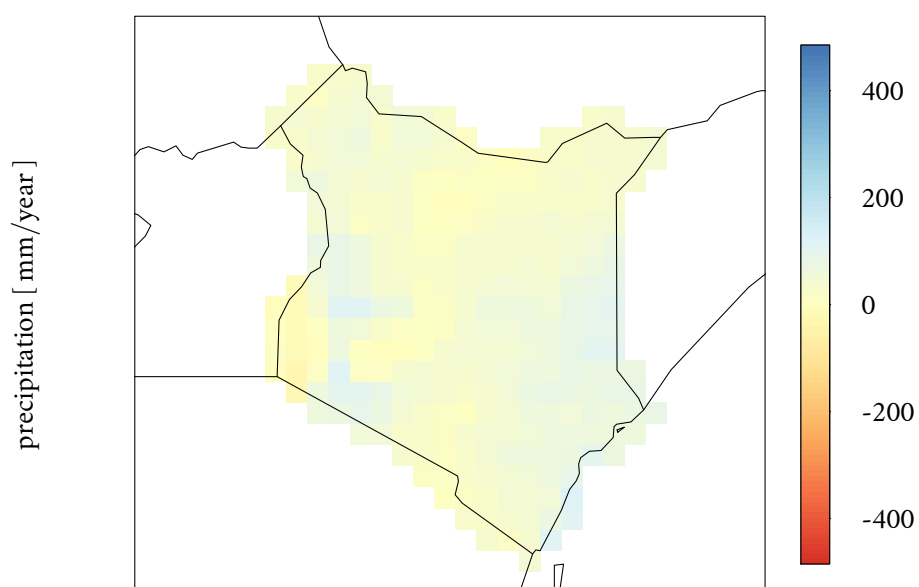


Figure 710: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.6 GCM ICHEC-EC-EARTH / RCM RCA4

Figure 711: Mean across years, RCP 8.5, 2020 .. 2049

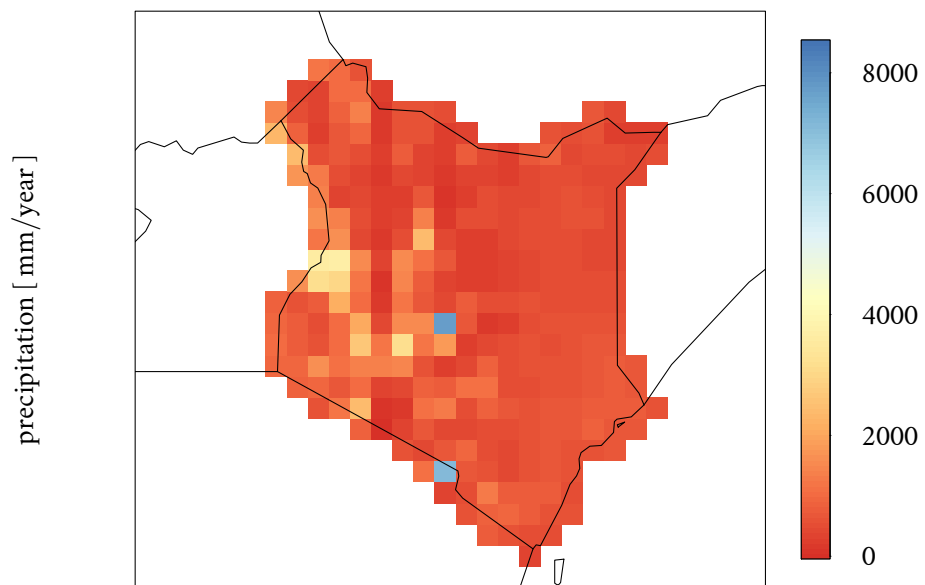


Figure 712: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

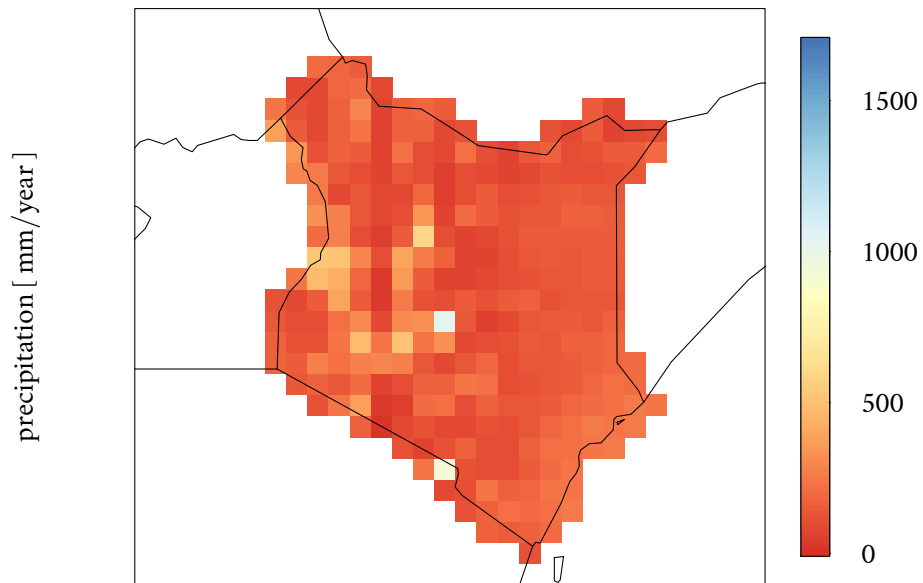


Figure 713: Mean across years, RCP 8.5, 2060 .. 2089

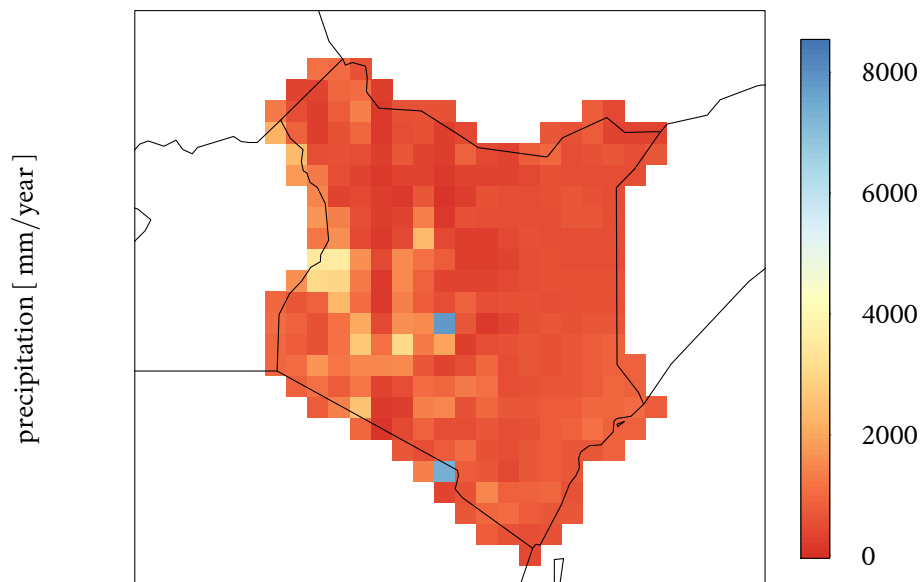


Figure 714: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

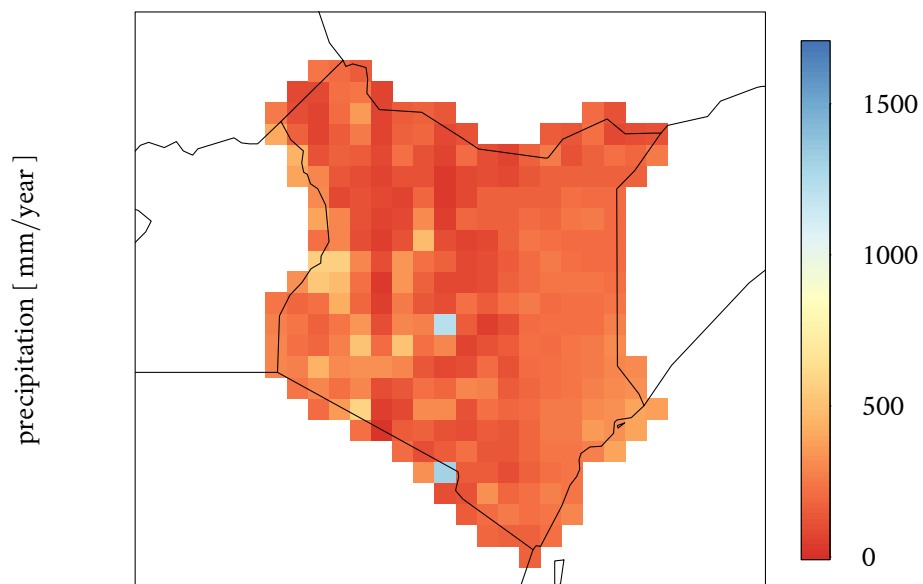
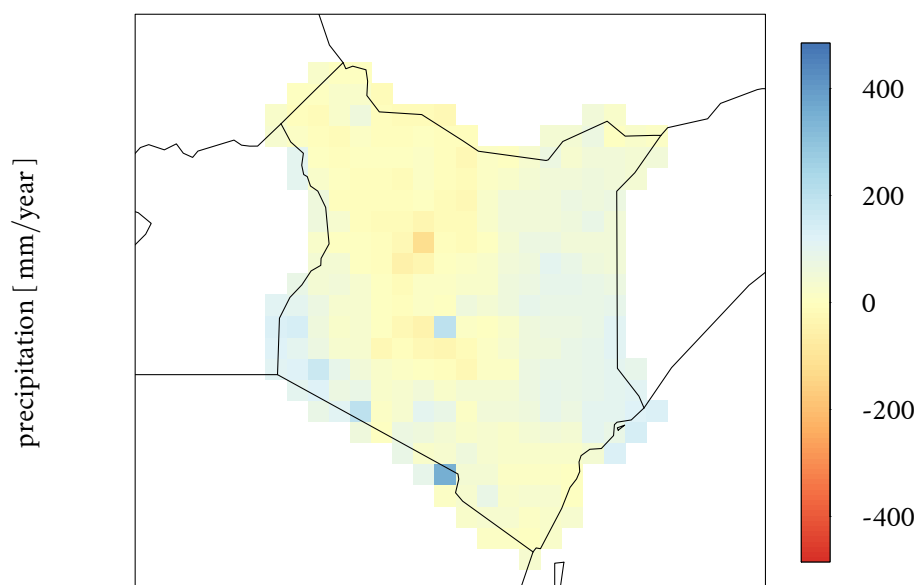


Figure 715: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.7 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 716: Mean across years, RCP 8.5, 2020 .. 2049

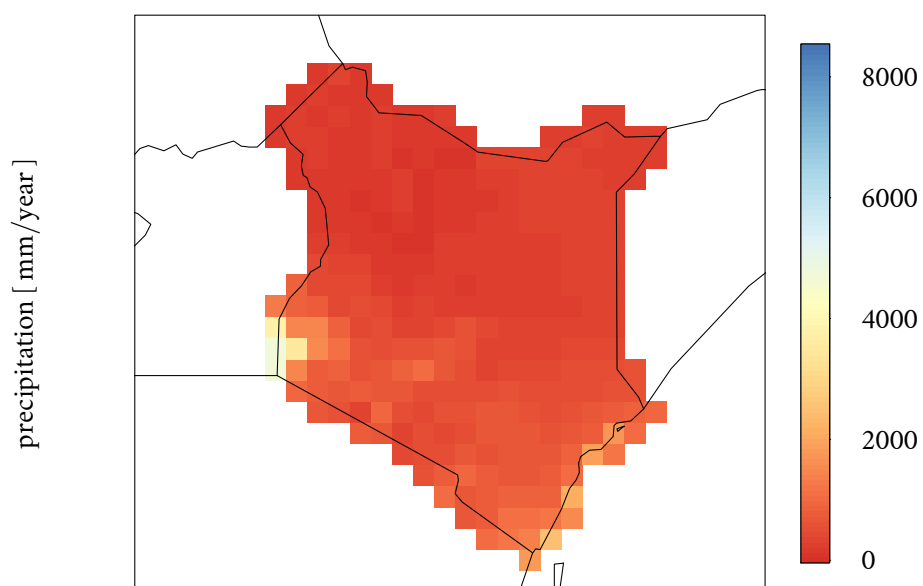


Figure 717: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

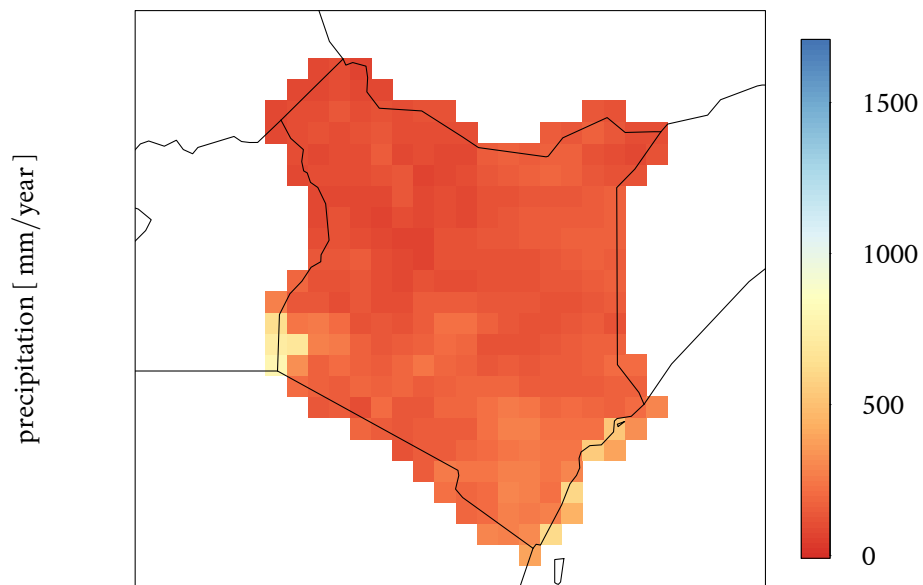


Figure 718: Mean across years, RCP 8.5, 2060 .. 2089

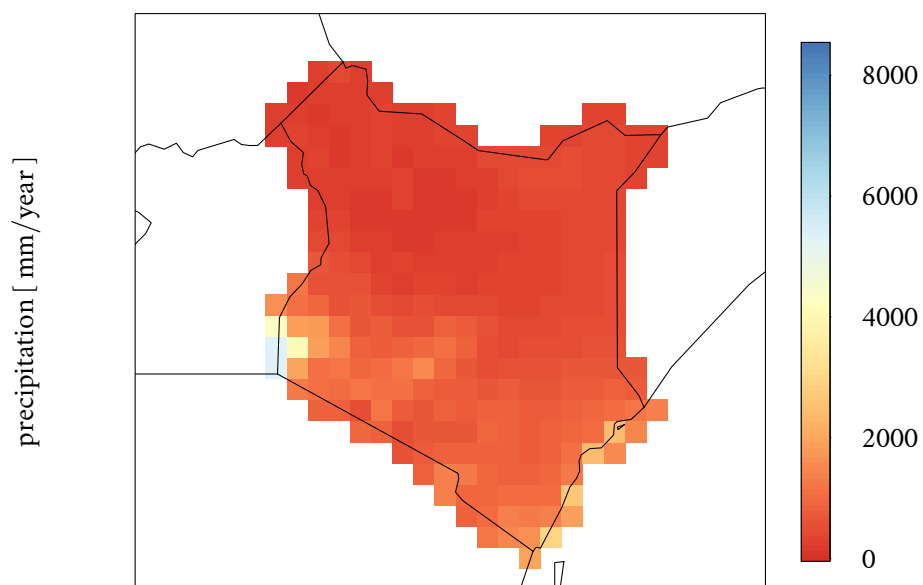


Figure 719: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

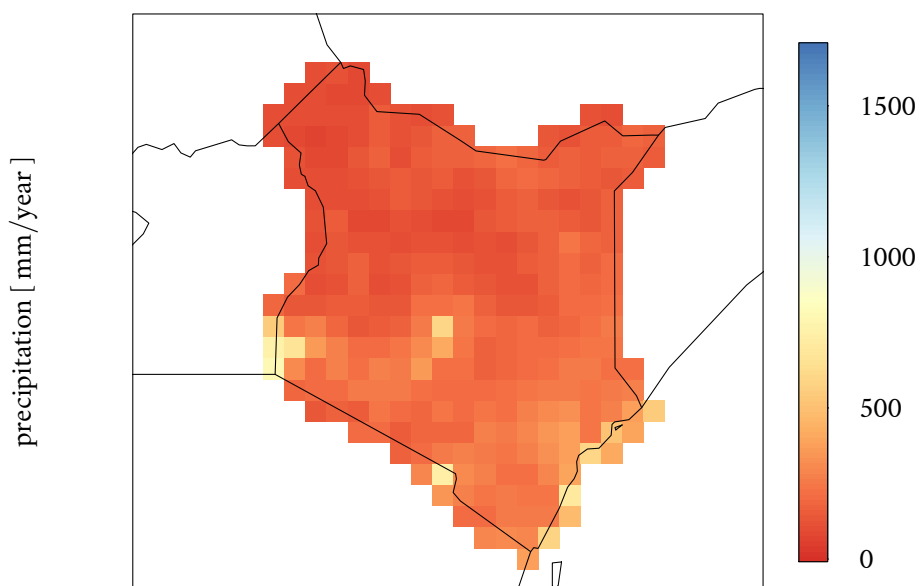
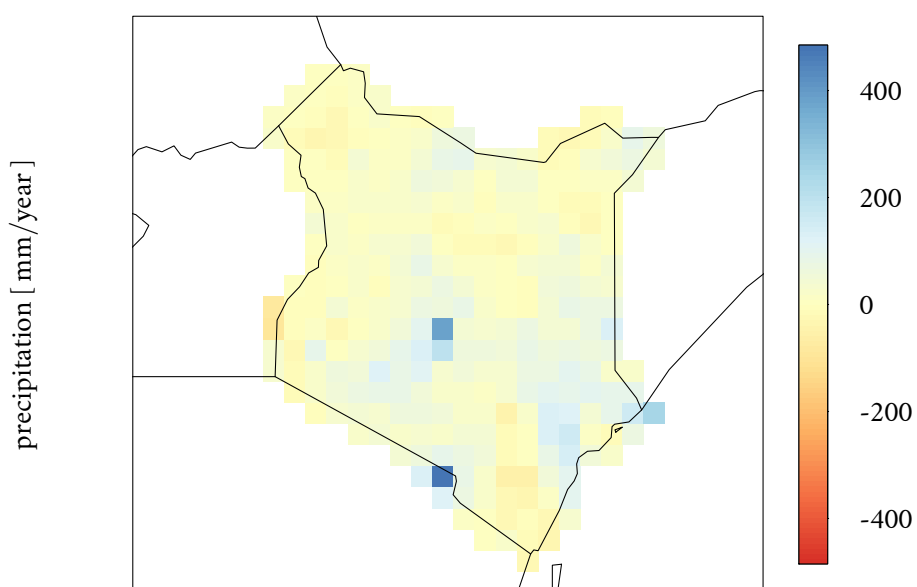


Figure 720: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.8 GCM IPSL-IPSL-CM5A-MR / RCM RCA4

Figure 721: Mean across years, RCP 8.5, 2020 .. 2049

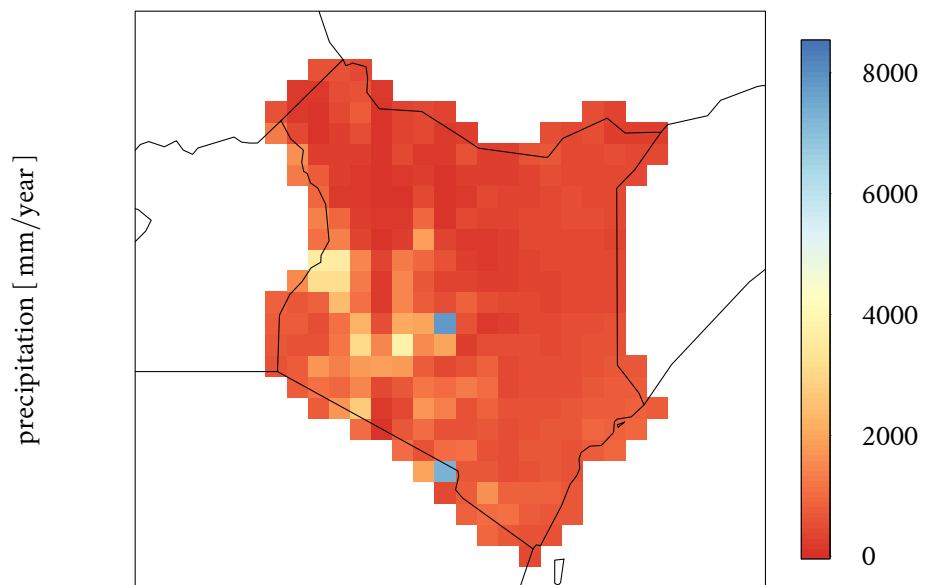


Figure 722: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

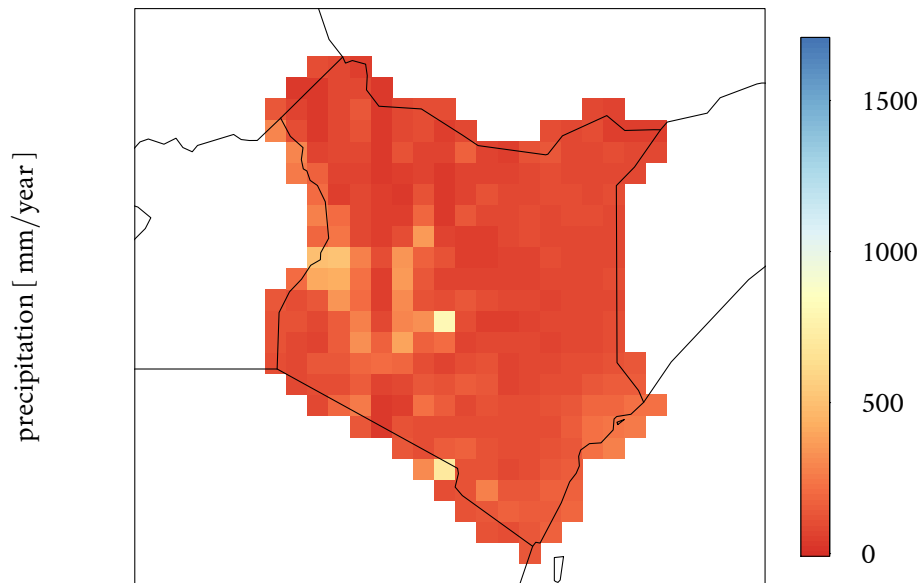


Figure 723: Mean across years, RCP 8.5, 2060 .. 2089

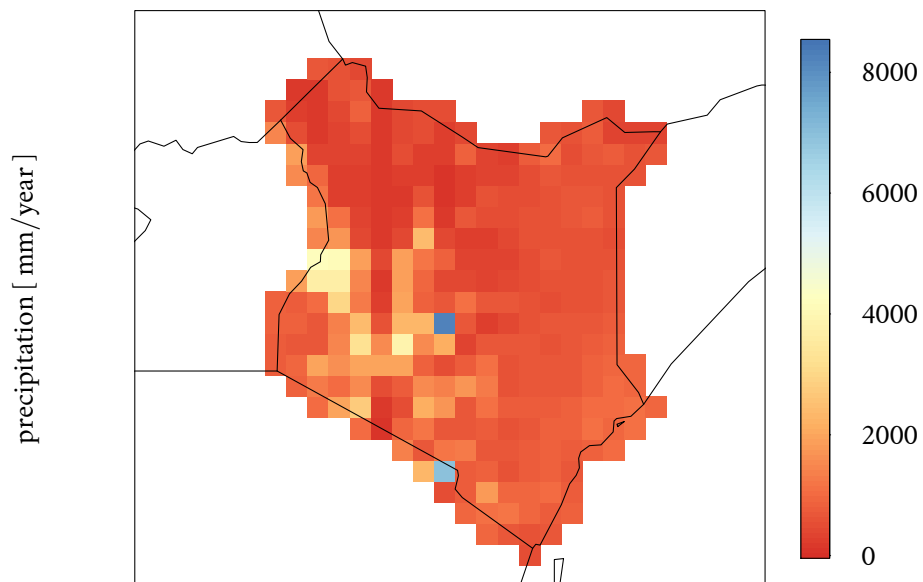


Figure 724: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

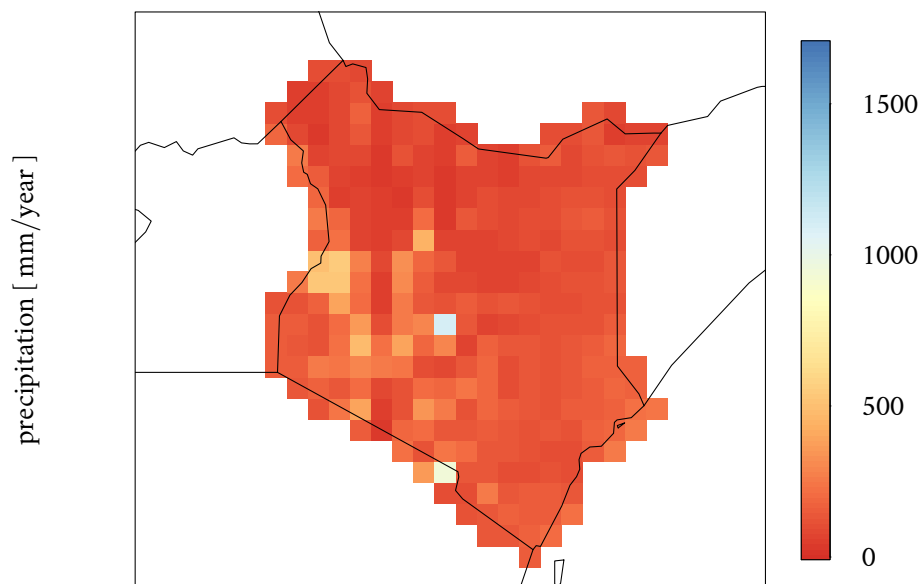
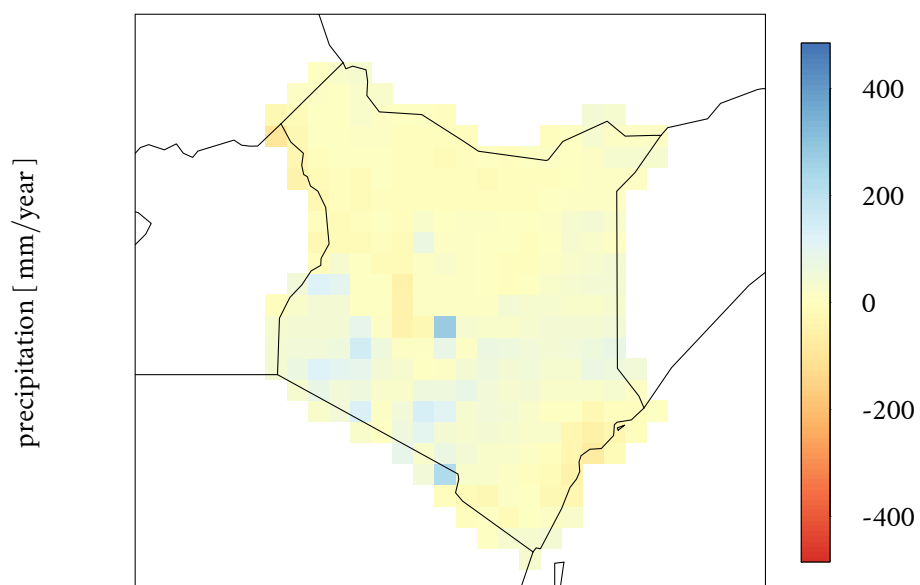


Figure 725: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.9 GCM MIROC-MIROC5 / RCM RCA4

Figure 726: Mean across years, RCP 8.5, 2020 .. 2049

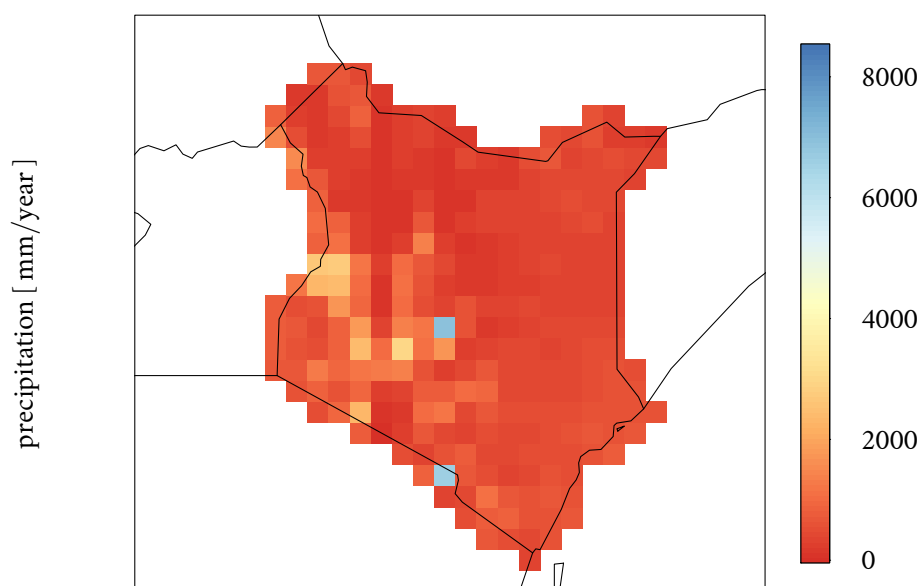


Figure 727: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

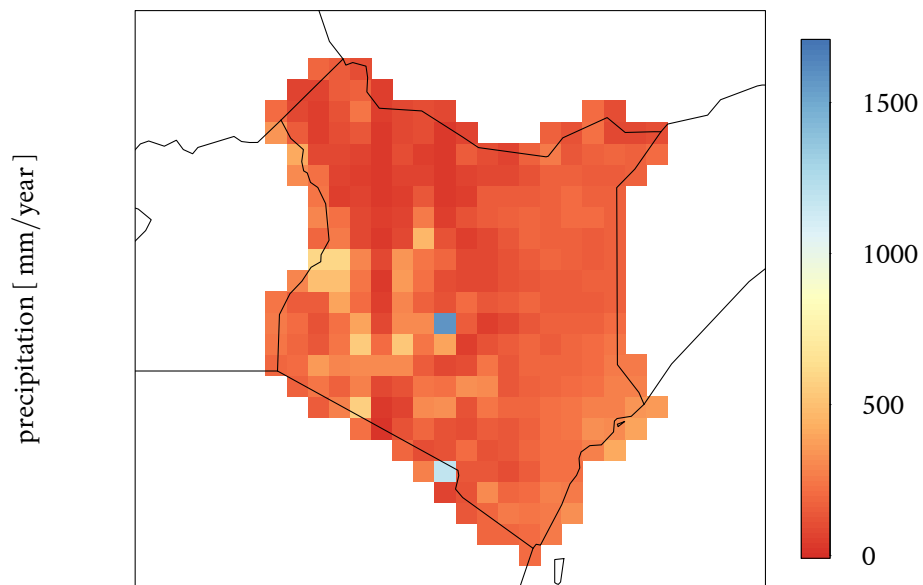


Figure 728: Mean across years, RCP 8.5, 2060 .. 2089

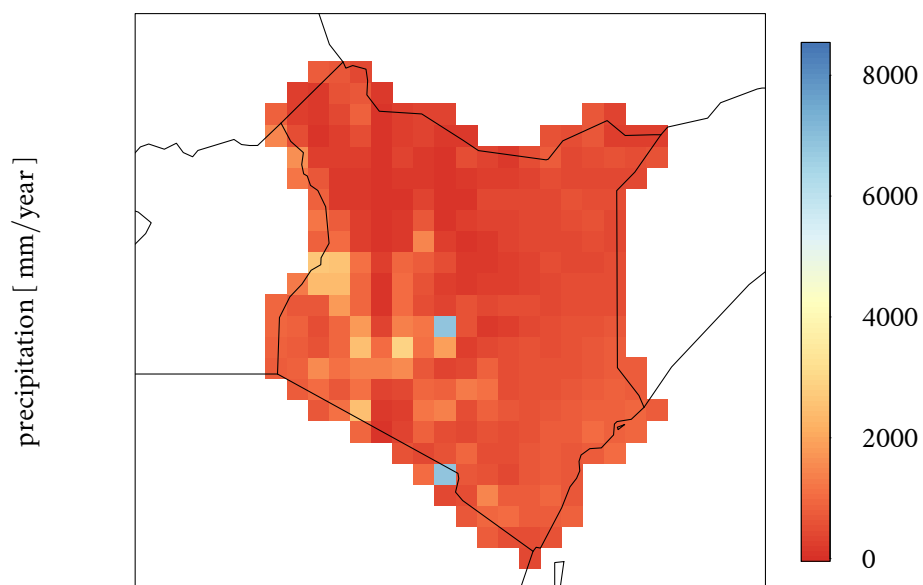


Figure 729: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

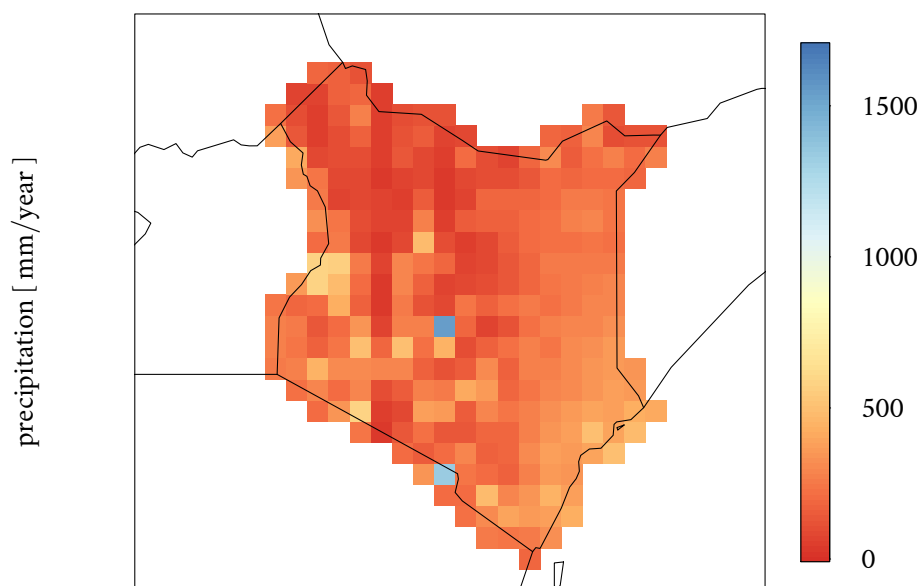
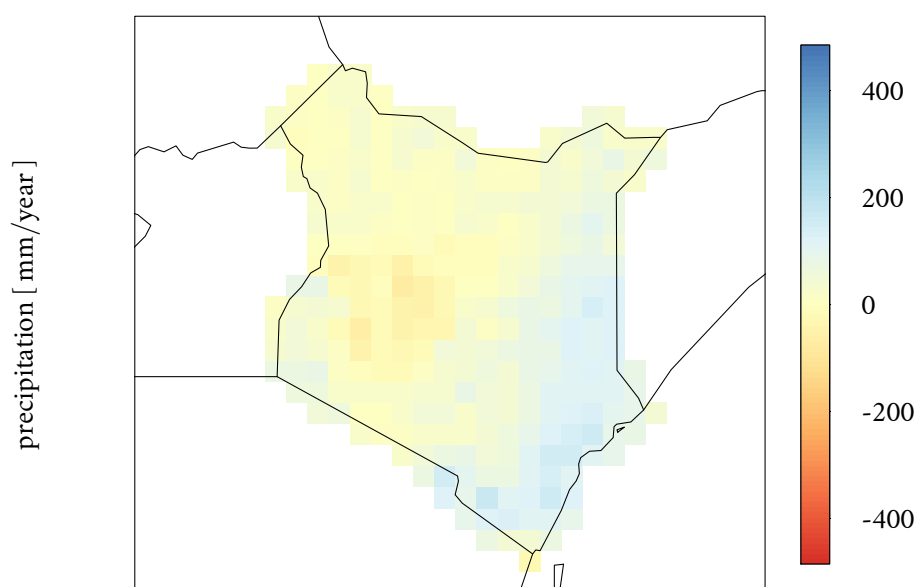


Figure 730: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.10 GCM MIROC-MIROC5 / RCM REMO2009

Figure 731: Mean across years, RCP 8.5, 2020 .. 2049

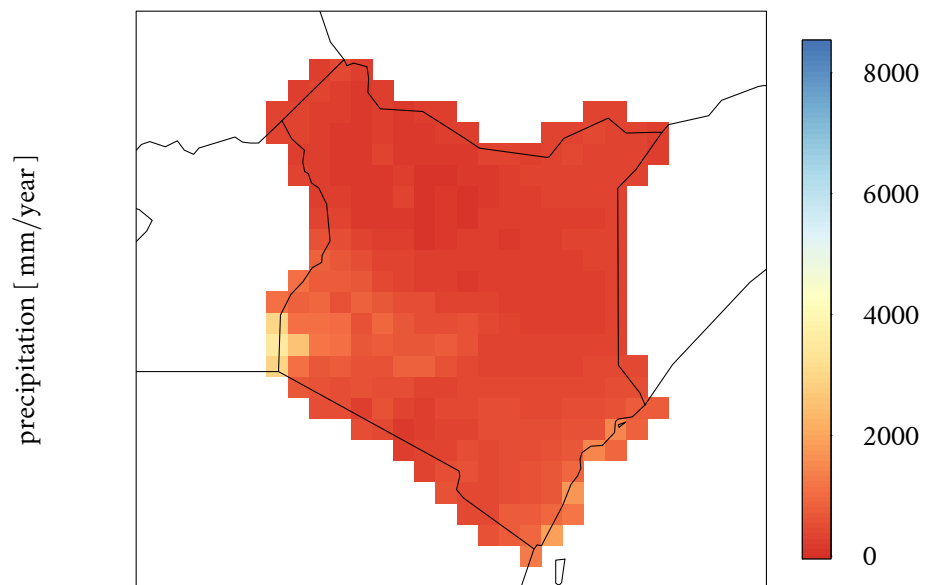


Figure 732: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

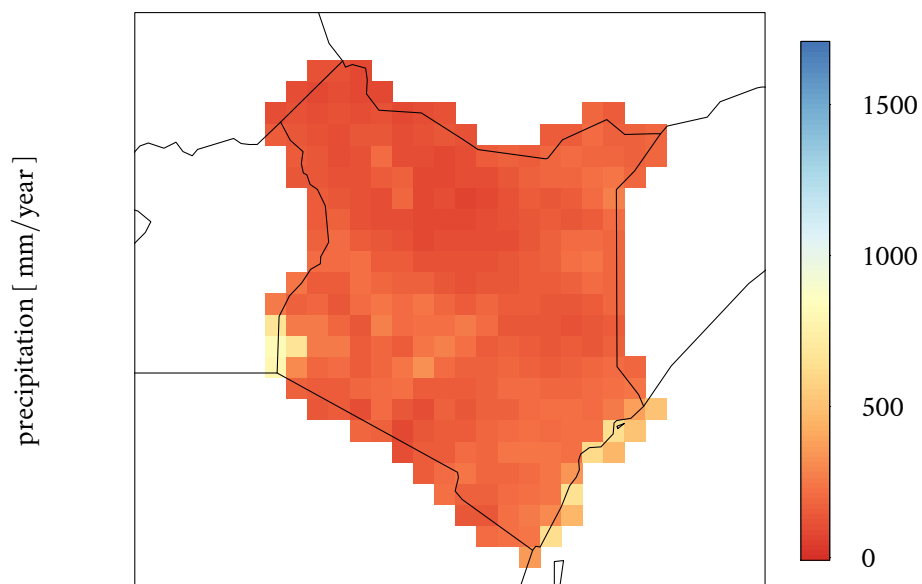


Figure 733: Mean across years, RCP 8.5, 2060 .. 2089

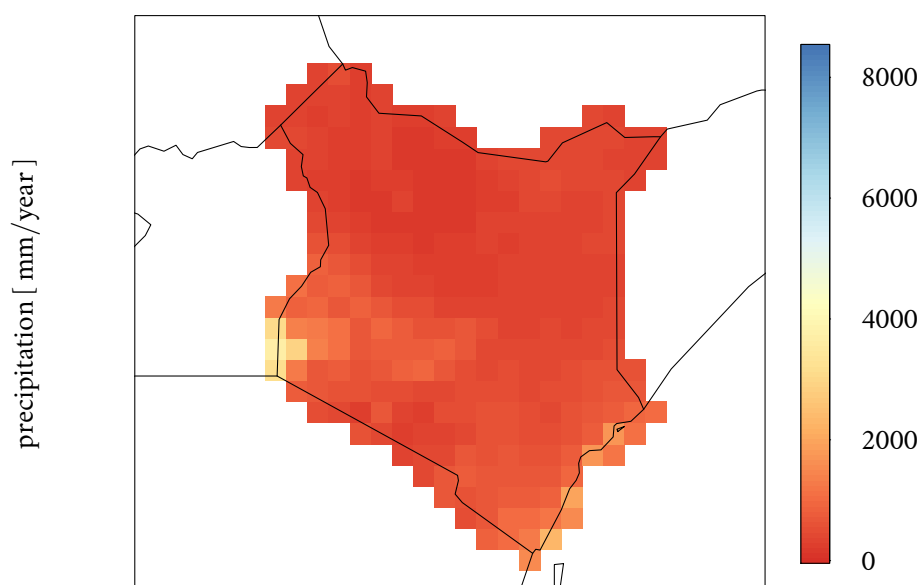


Figure 734: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

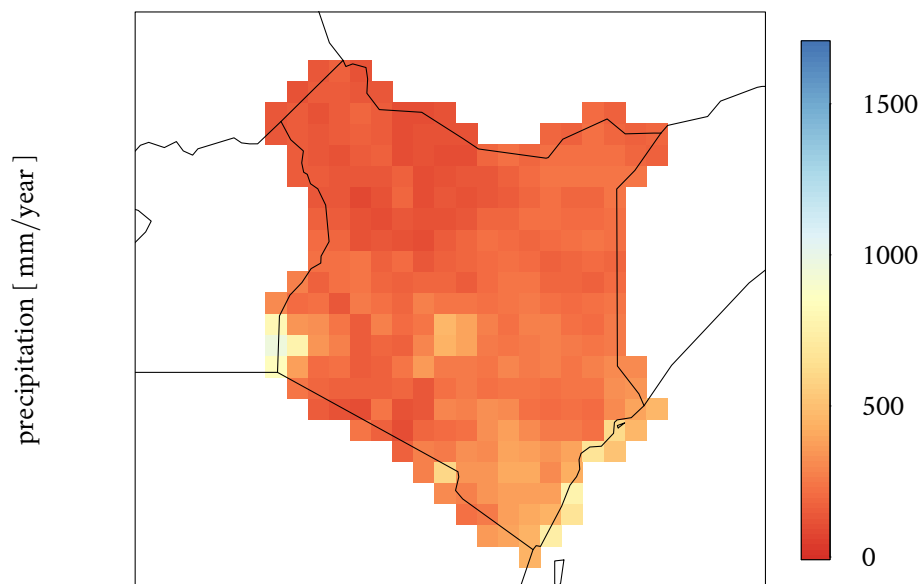
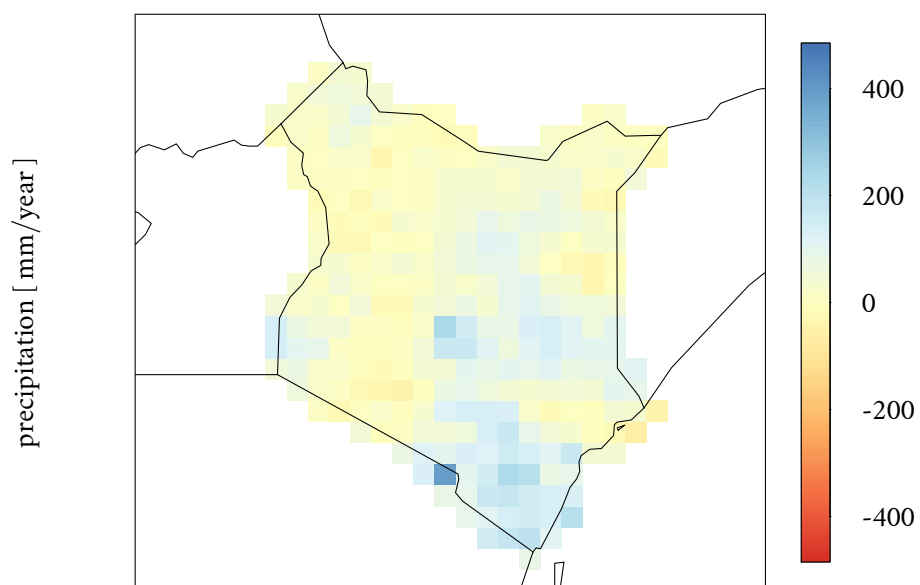


Figure 735: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.11 GCM MOHC-HadGEM2-ES / RCM CCLM4-8-17

Figure 736: Mean across years, RCP 8.5, 2020 .. 2049

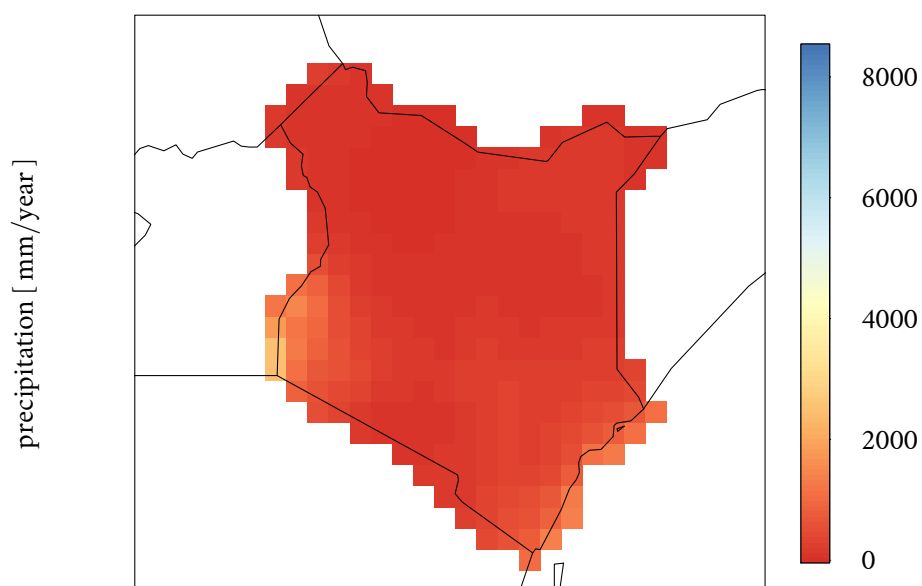


Figure 737: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

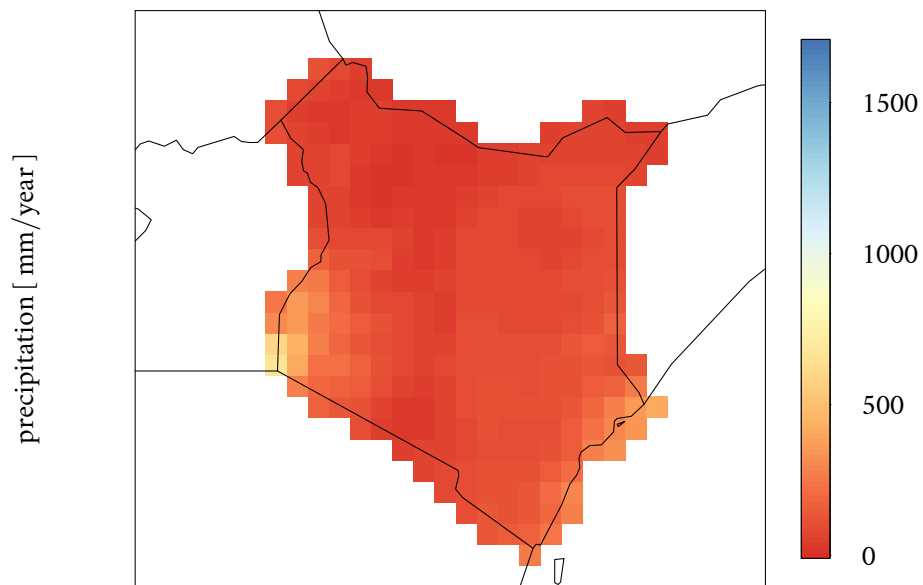


Figure 738: Mean across years, RCP 8.5, 2060 .. 2089

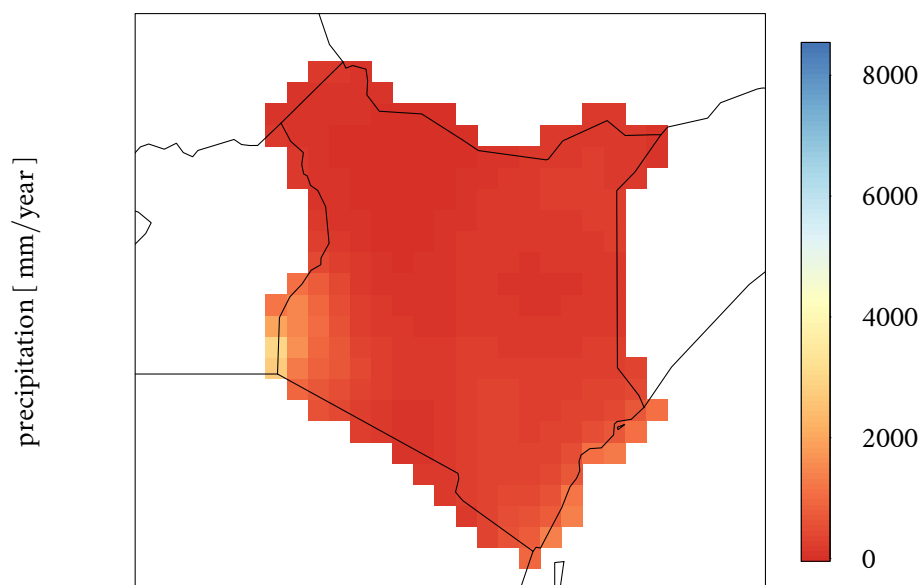


Figure 739: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

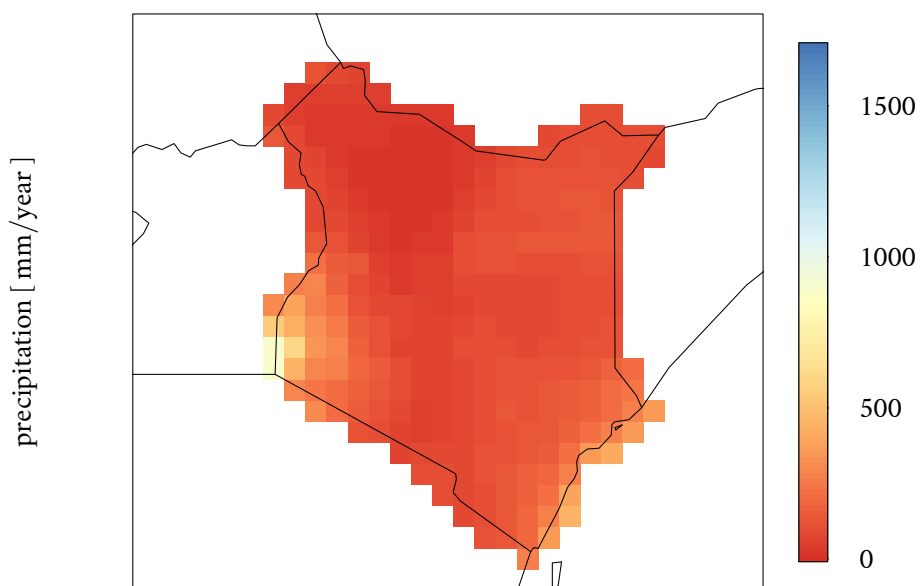
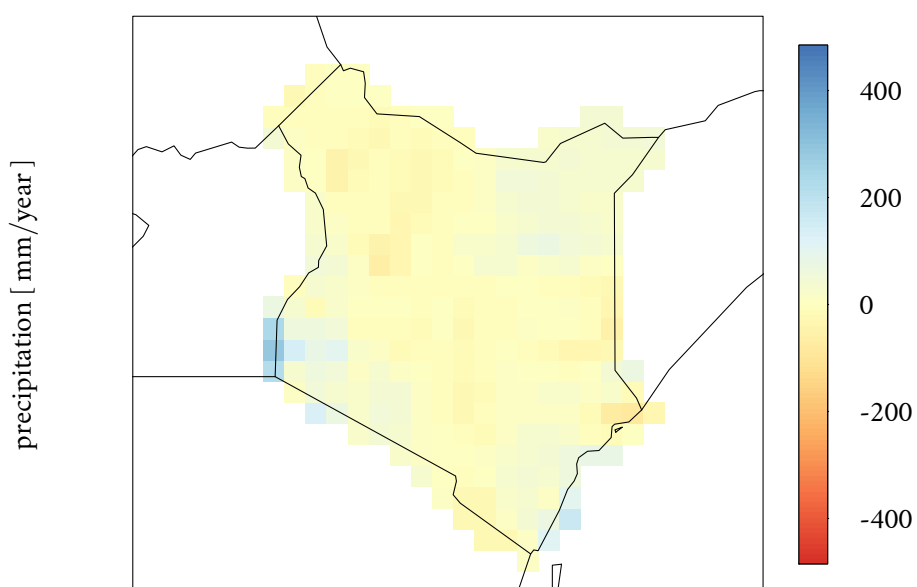


Figure 740: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.12 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 741: Mean across years, RCP 8.5, 2020 .. 2049

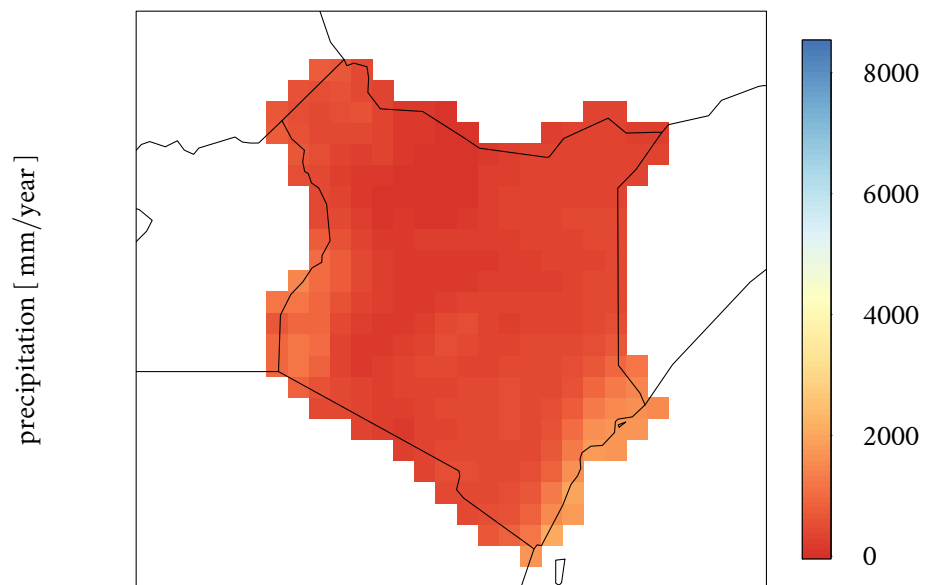


Figure 742: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

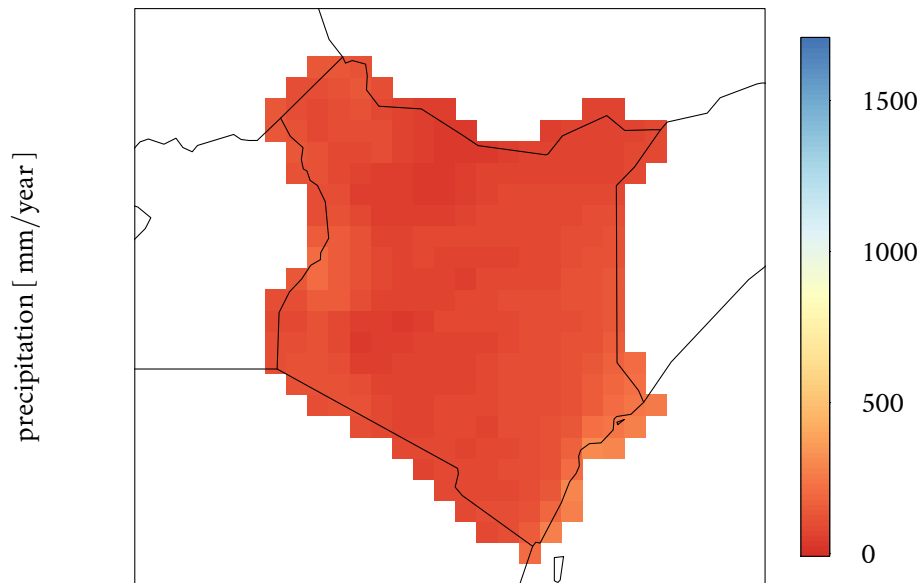


Figure 743: Mean across years, RCP 8.5, 2060 .. 2089

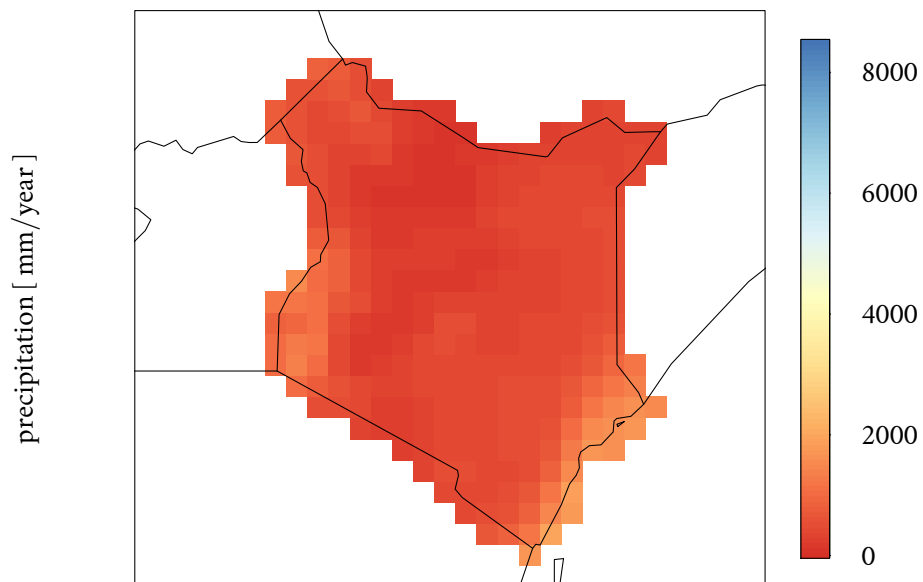


Figure 744: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

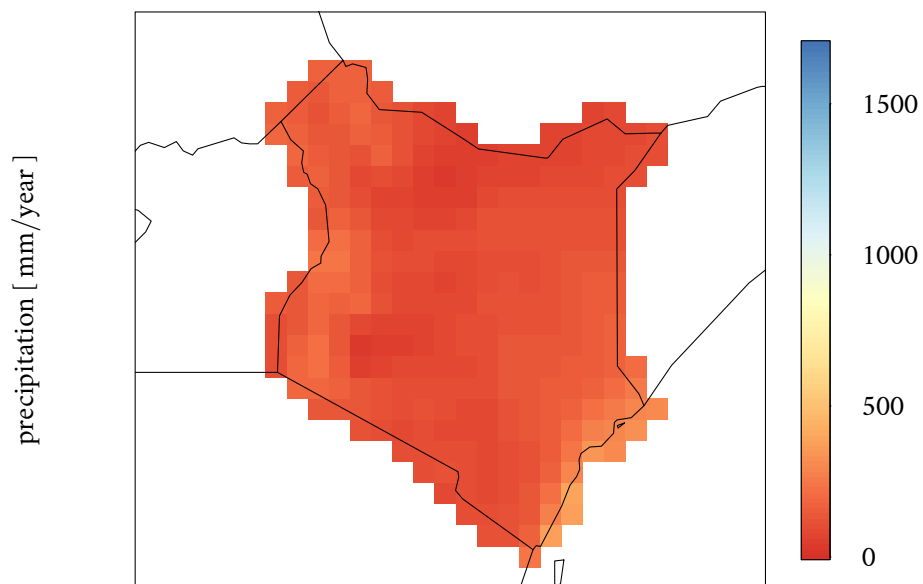
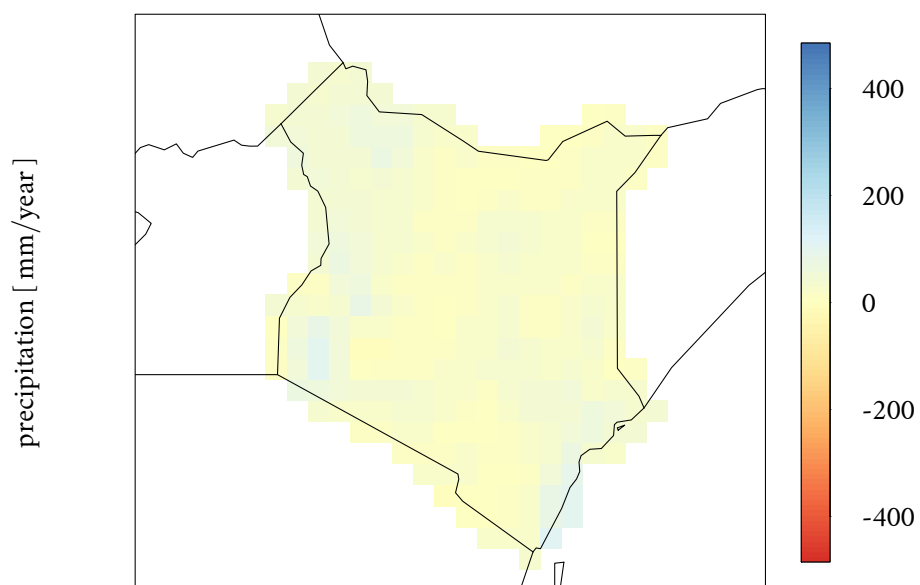


Figure 745: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.13 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 746: Mean across years, RCP 8.5, 2020 .. 2049

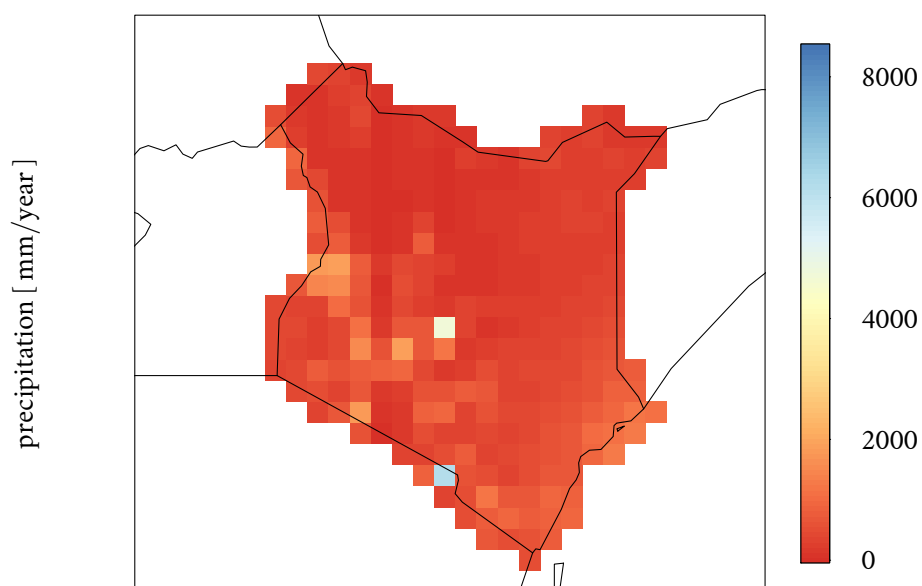


Figure 747: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

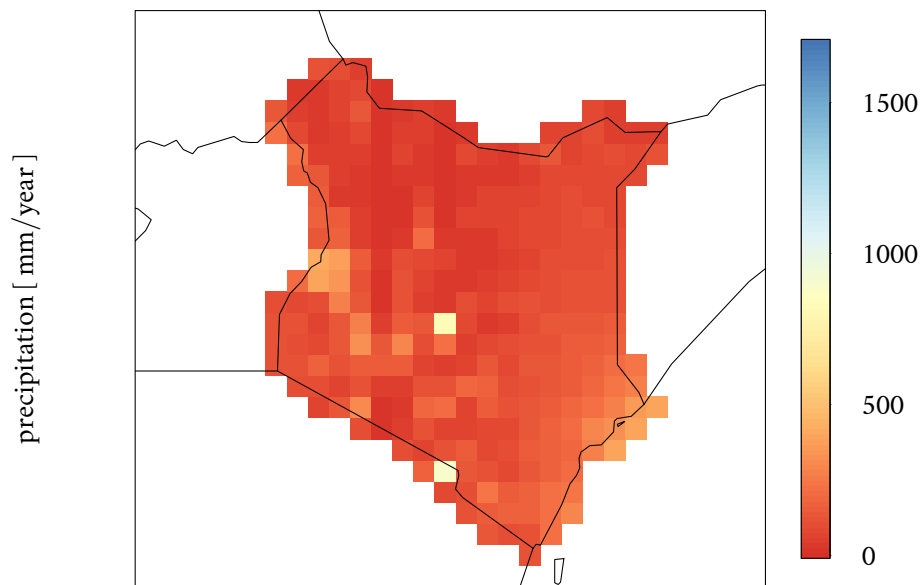


Figure 748: Mean across years, RCP 8.5, 2060 .. 2089

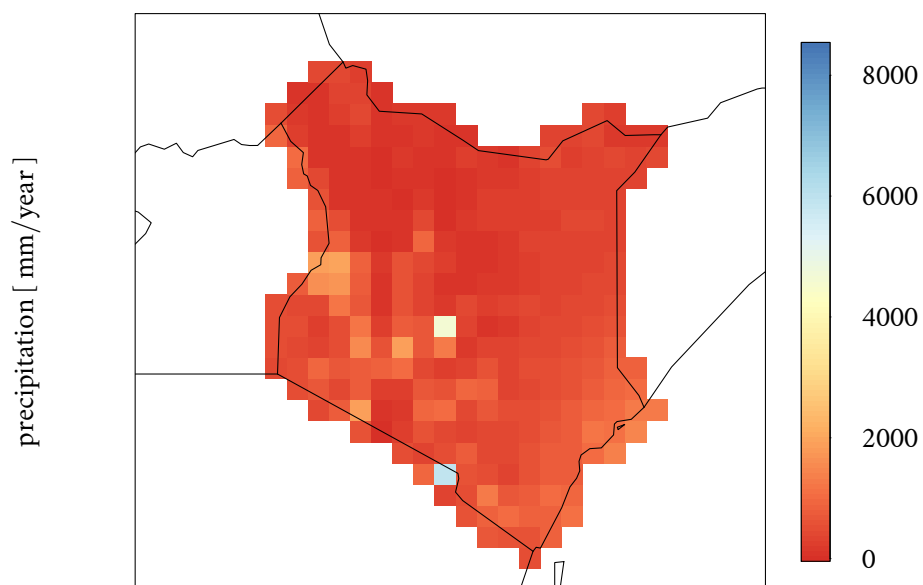


Figure 749: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

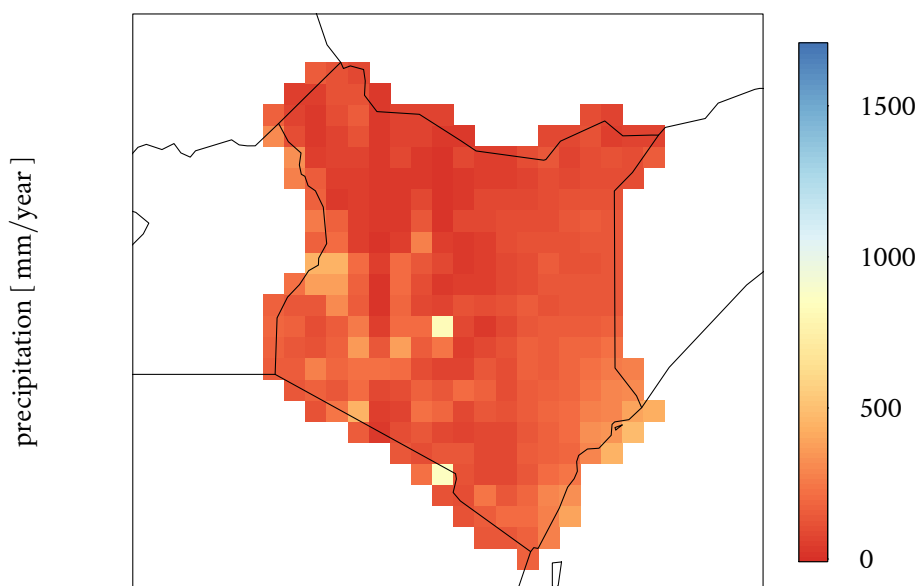
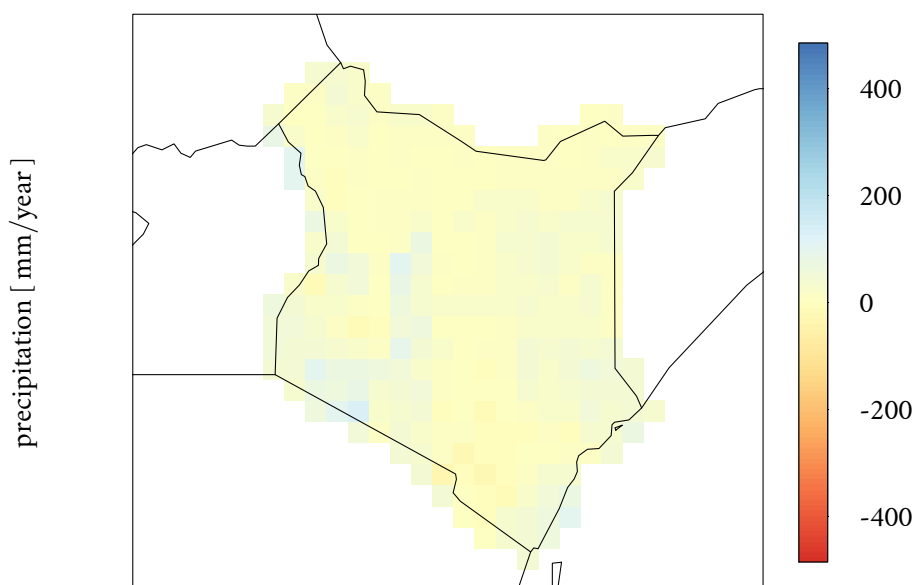


Figure 750: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.14 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 751: Mean across years, RCP 8.5, 2020 .. 2049

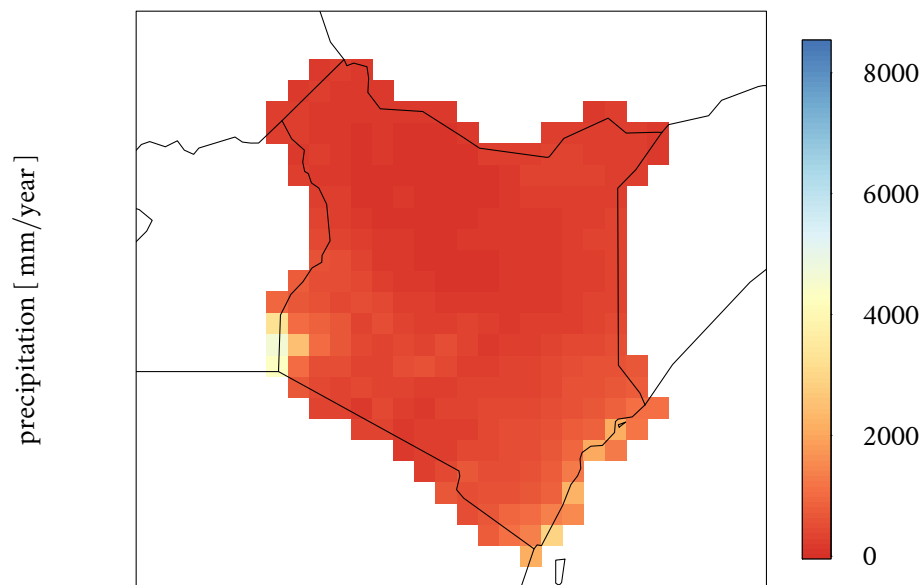


Figure 752: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

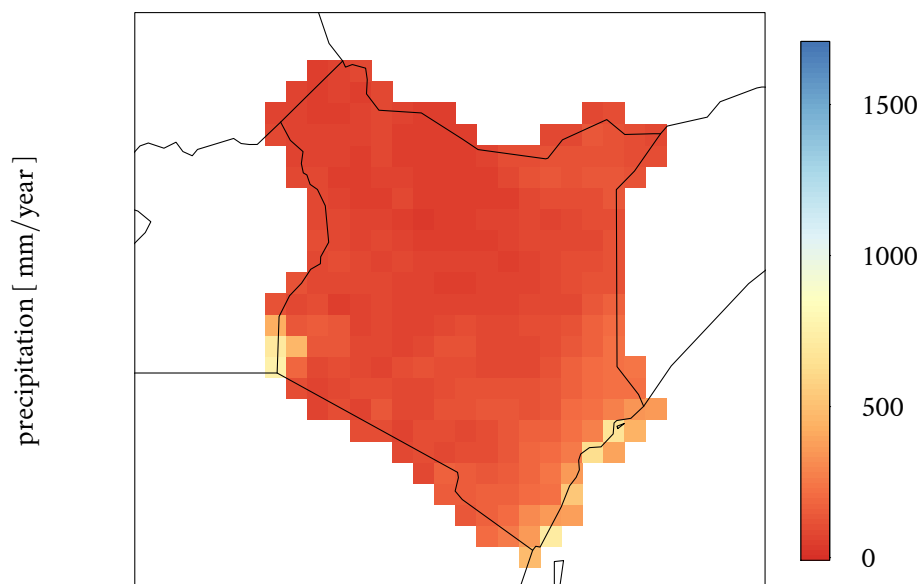


Figure 753: Mean across years, RCP 8.5, 2060 .. 2089

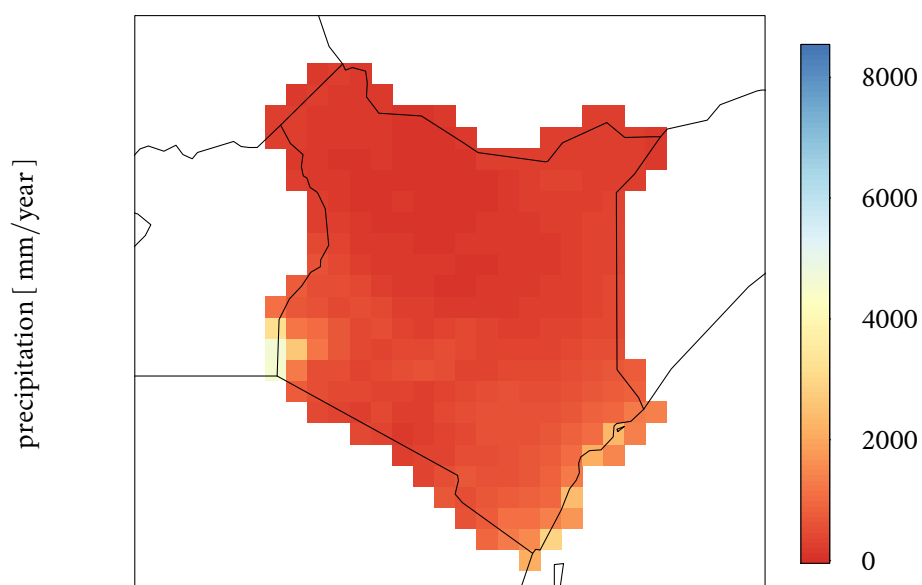


Figure 754: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

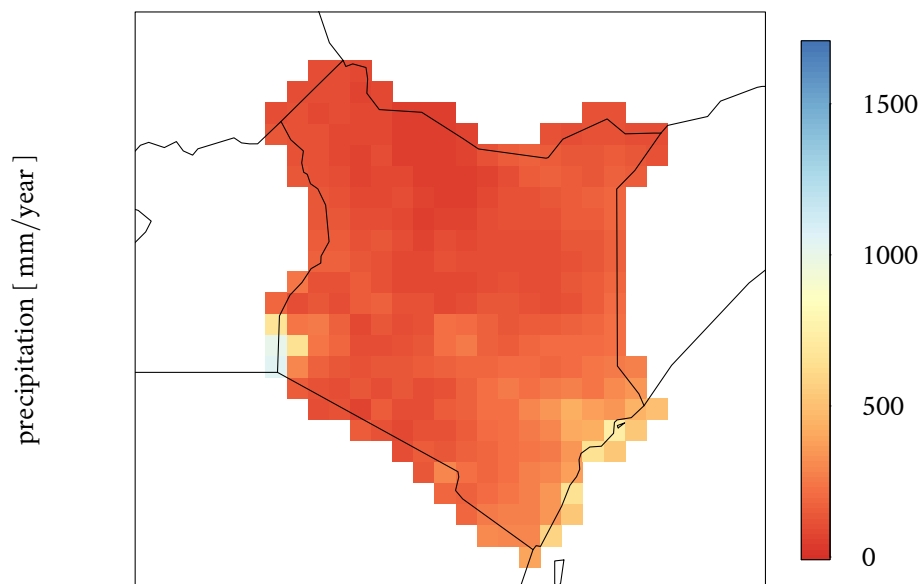
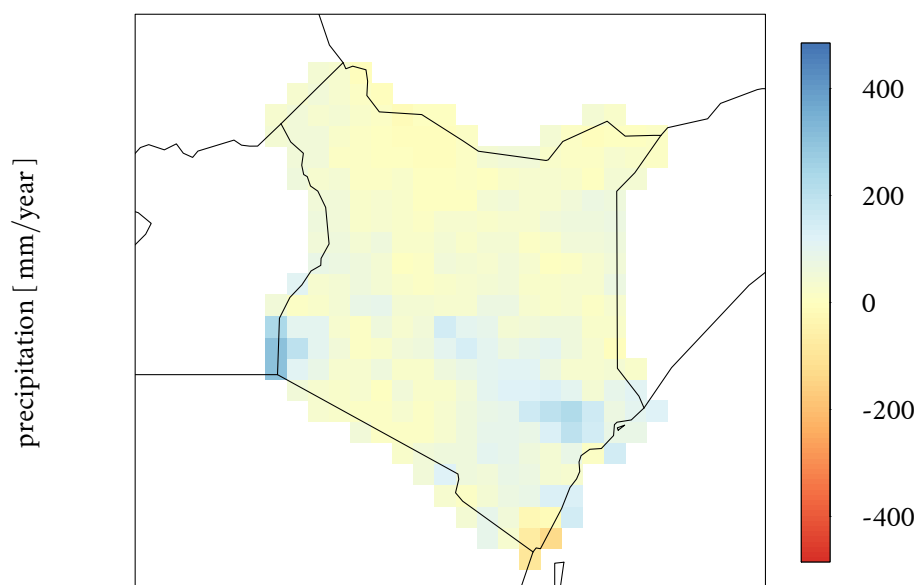


Figure 755: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.15 GCM MPI-M-MPI-ESM-LR / RCM CCLM4-8-17

Figure 756: Mean across years, RCP 8.5, 2020 .. 2049

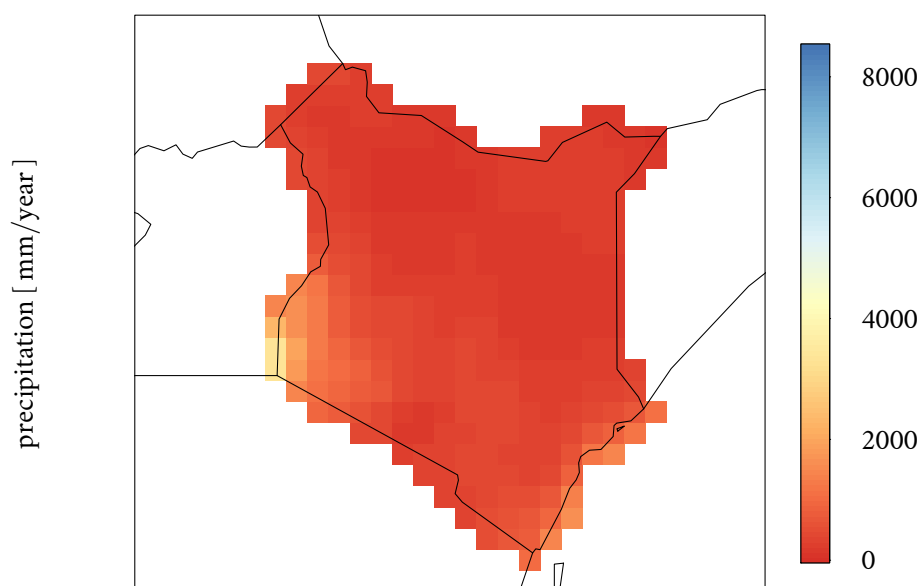


Figure 757: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

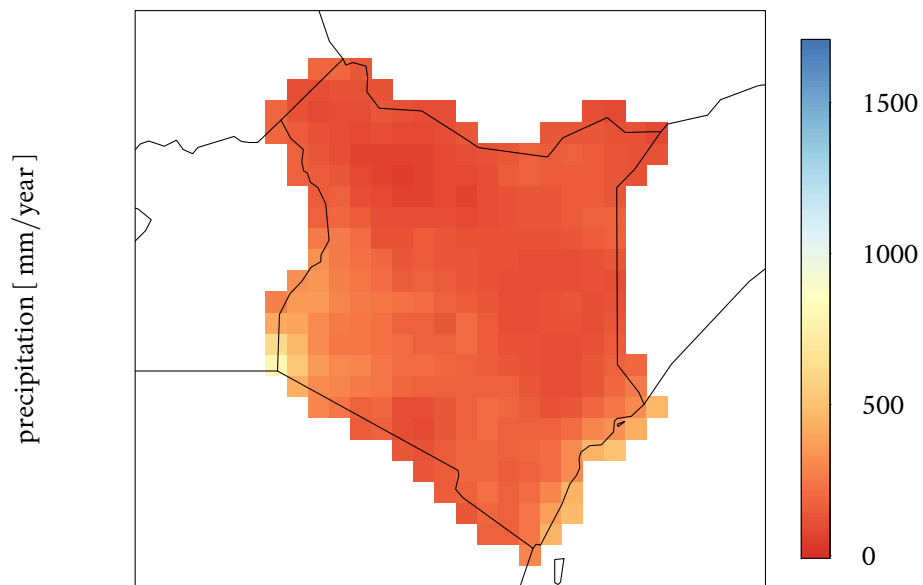


Figure 758: Mean across years, RCP 8.5, 2060 .. 2089

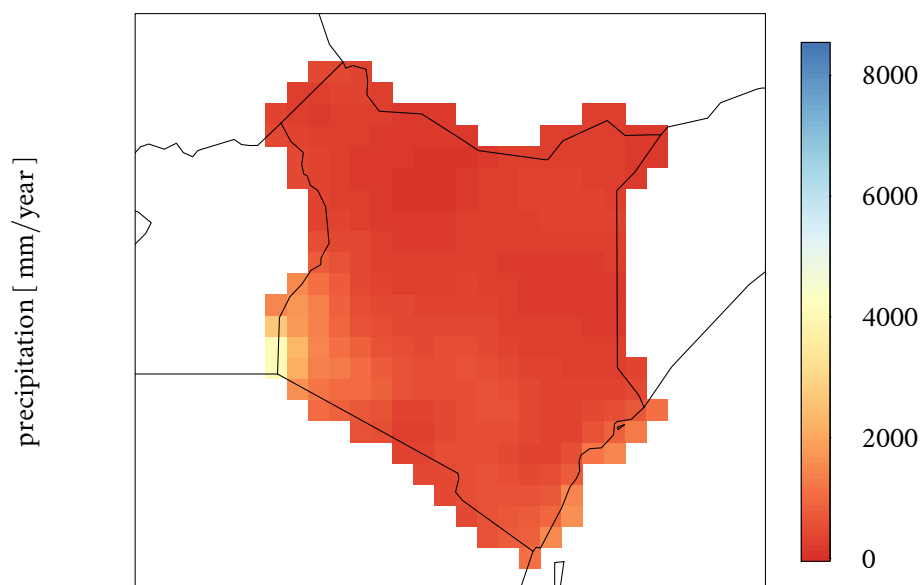


Figure 759: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

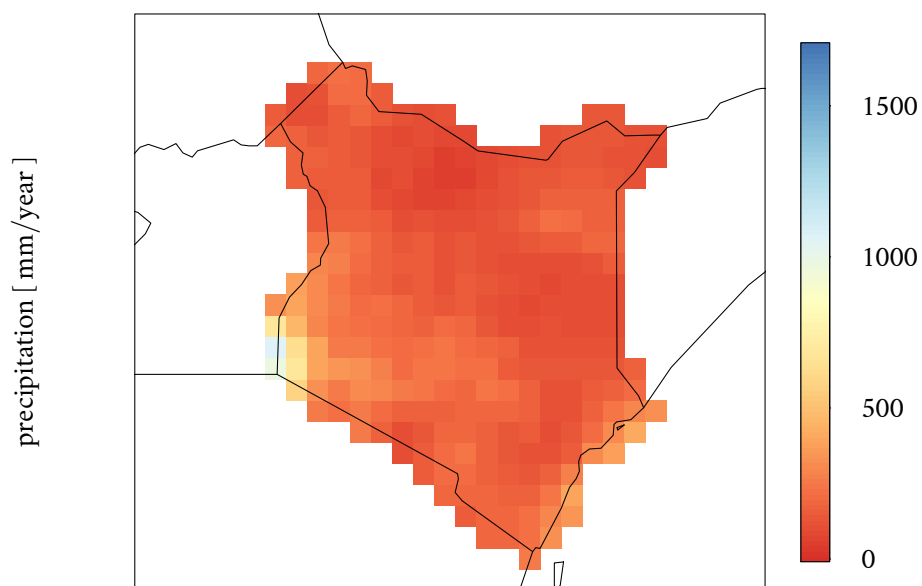
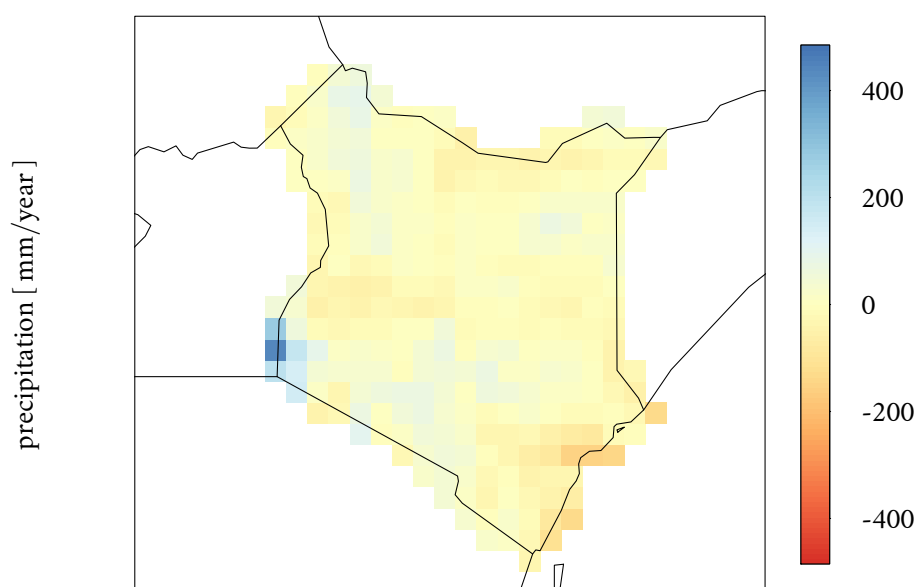


Figure 760: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.16 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 761: Mean across years, RCP 8.5, 2020 .. 2049

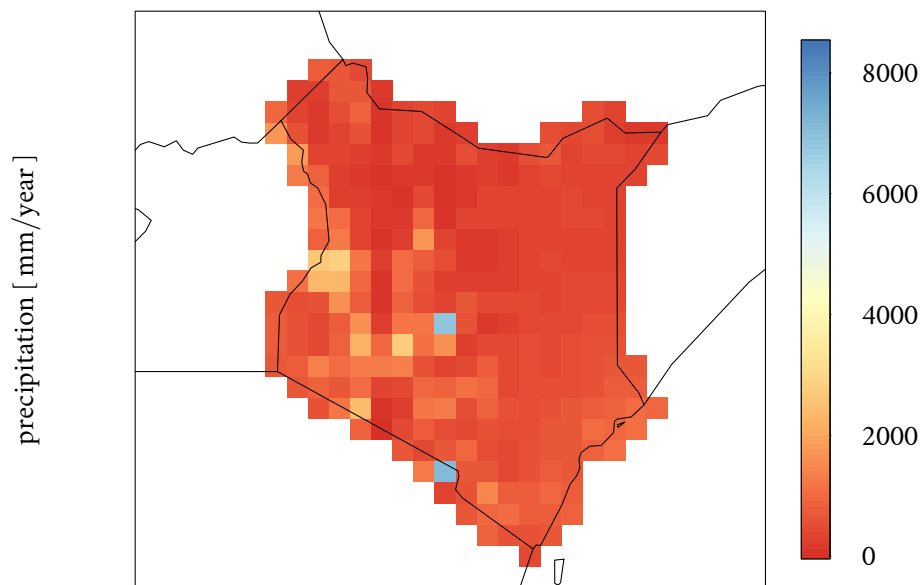


Figure 762: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

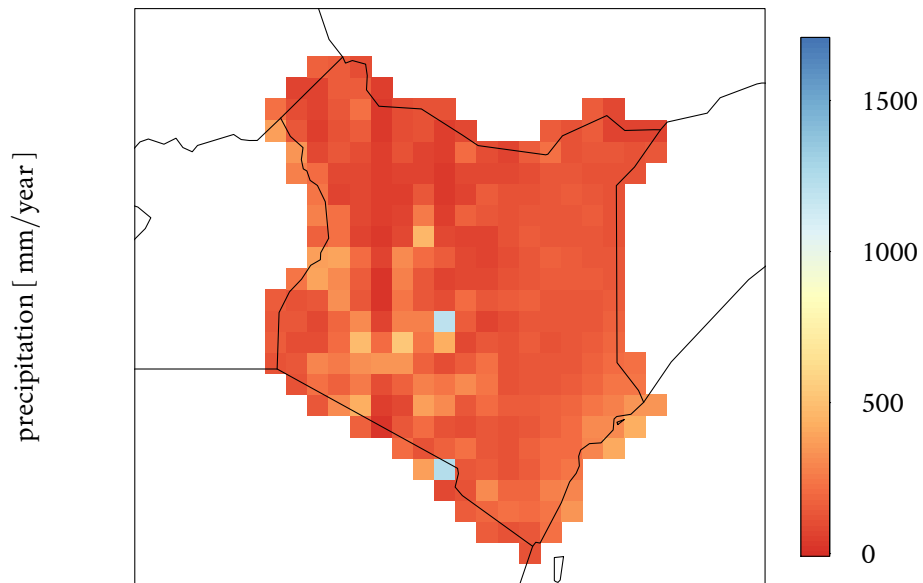


Figure 763: Mean across years, RCP 8.5, 2060 .. 2089

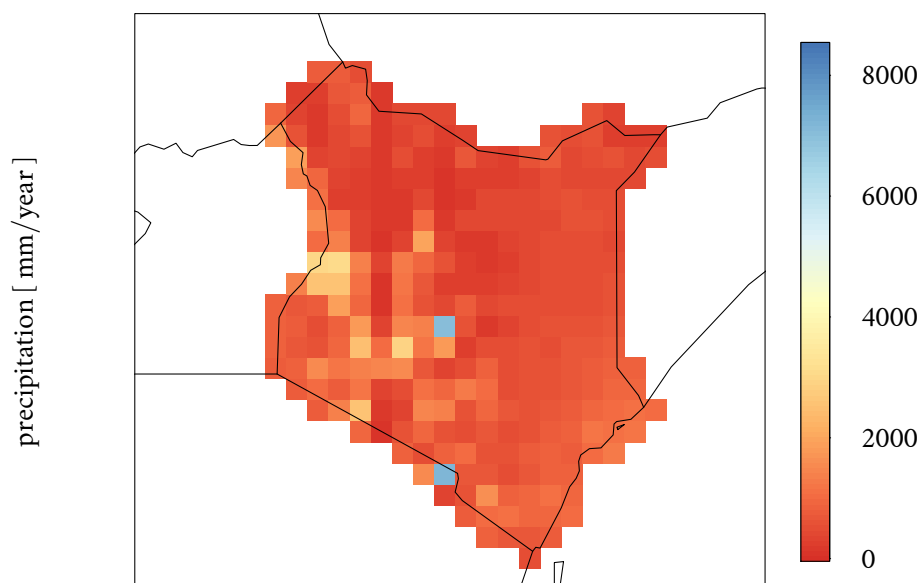


Figure 764: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

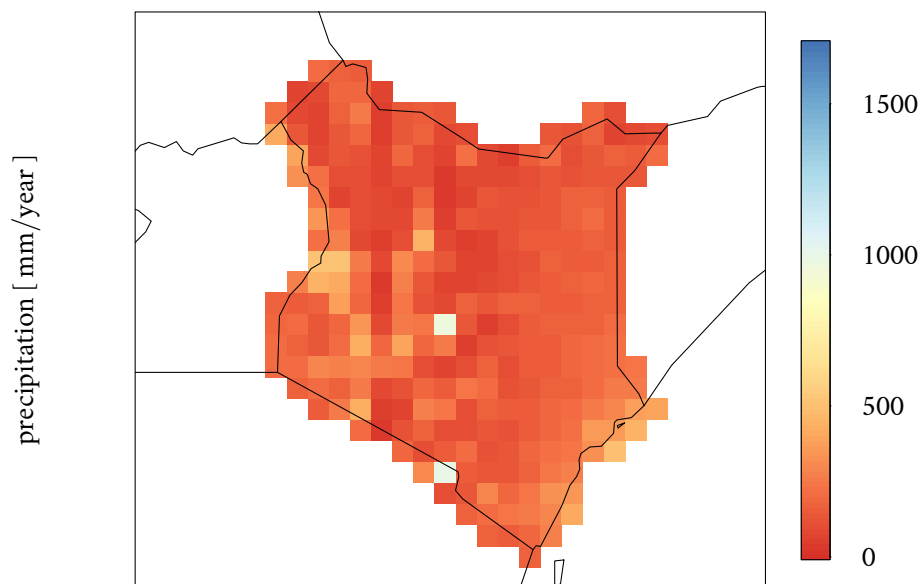
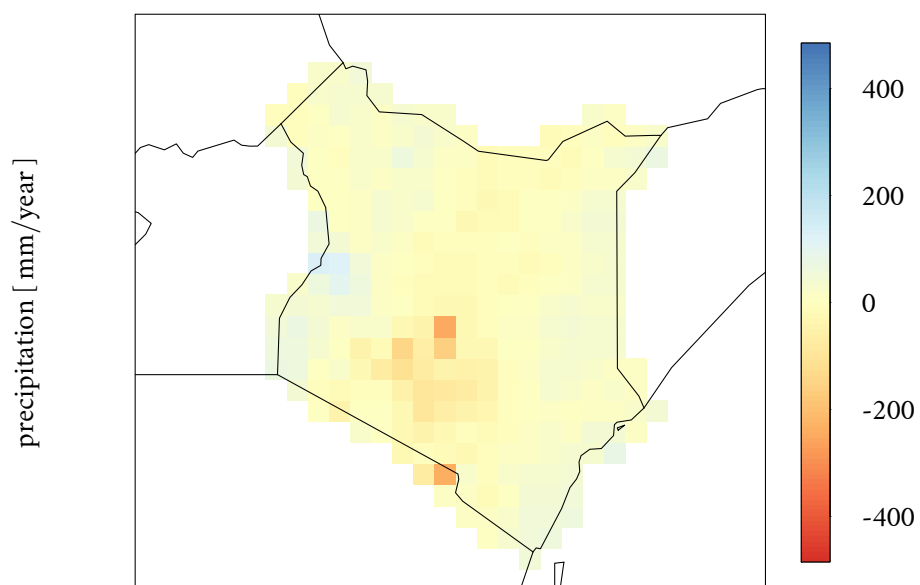


Figure 765: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.17 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 766: Mean across years, RCP 8.5, 2020 .. 2049

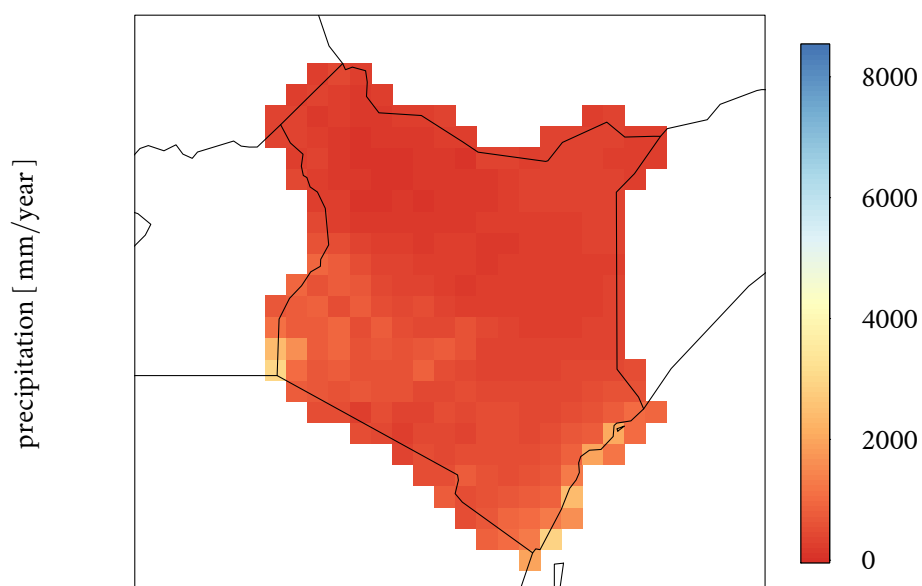


Figure 767: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

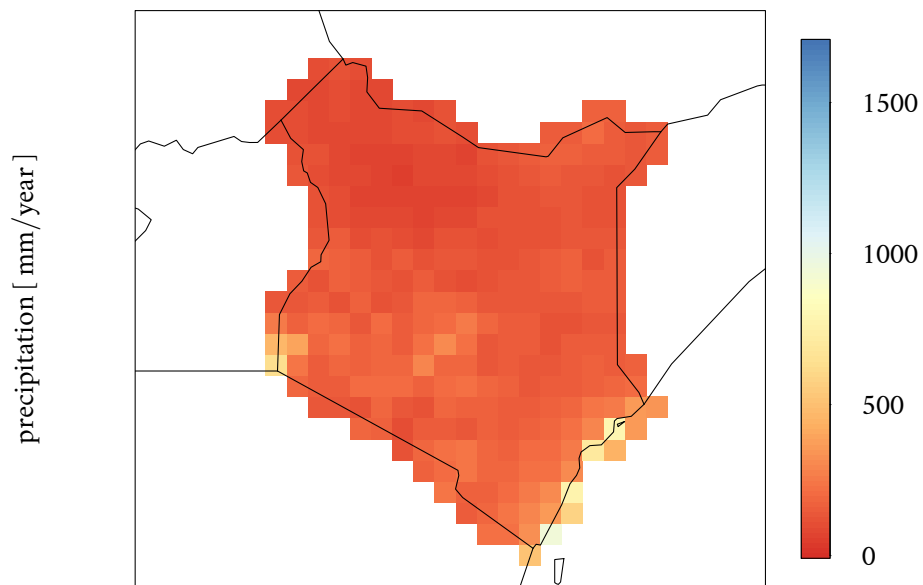


Figure 768: Mean across years, RCP 8.5, 2060 .. 2089

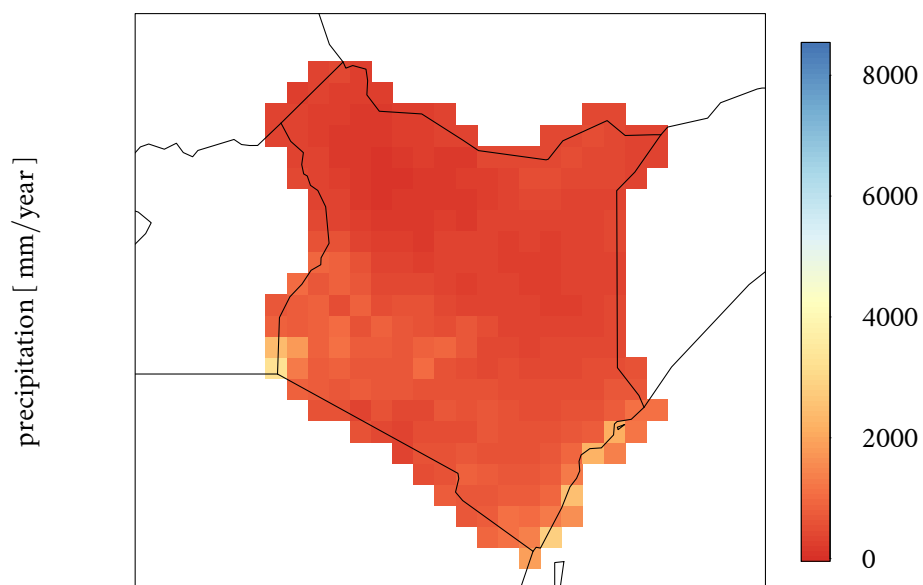


Figure 769: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

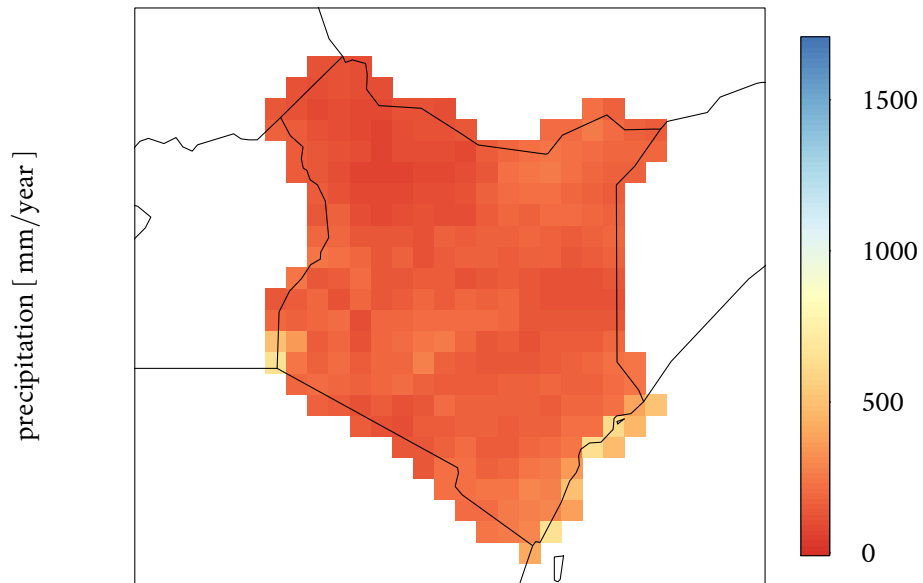
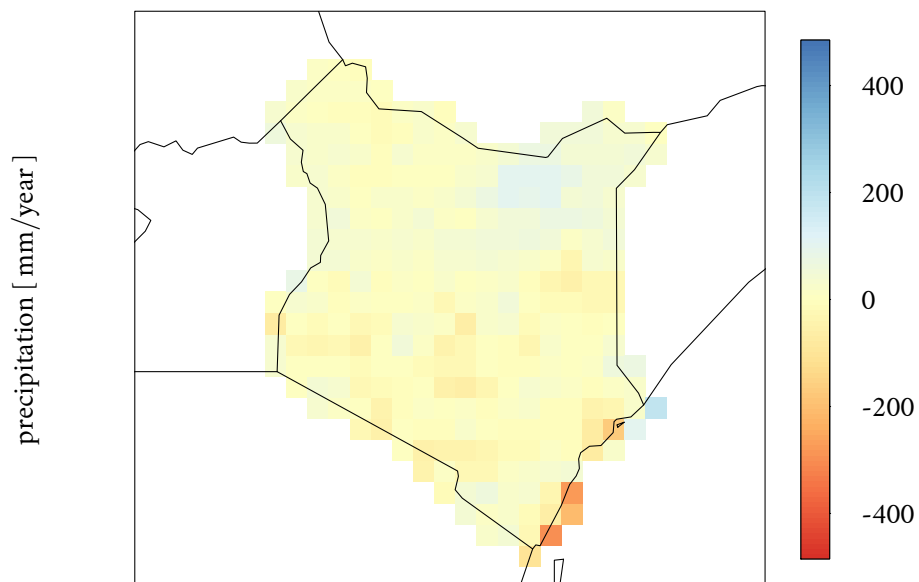


Figure 770: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.18 GCM NCC-NorESM1-M / RCM RCA4

Figure 771: Mean across years, RCP 8.5, 2020 .. 2049

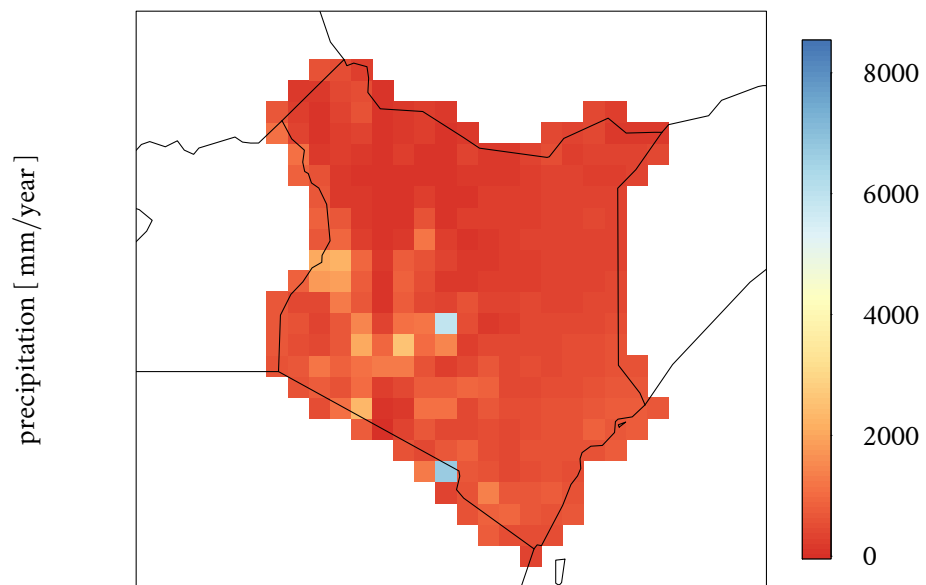


Figure 772: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

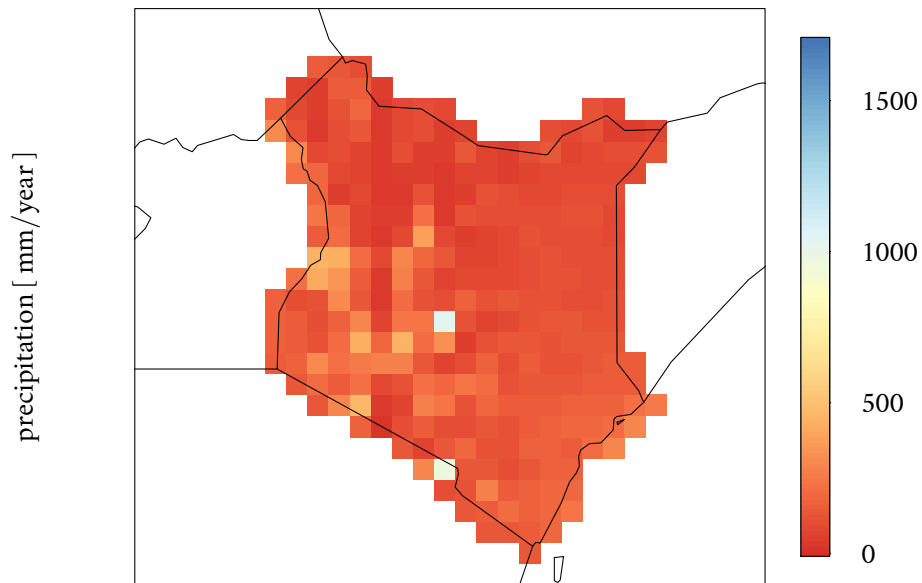


Figure 773: Mean across years, RCP 8.5, 2060 .. 2089

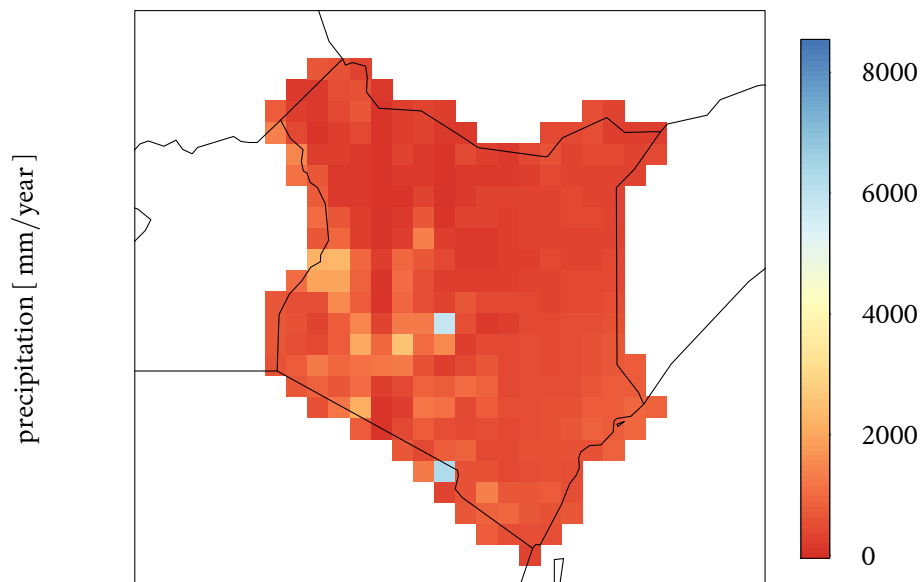


Figure 774: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

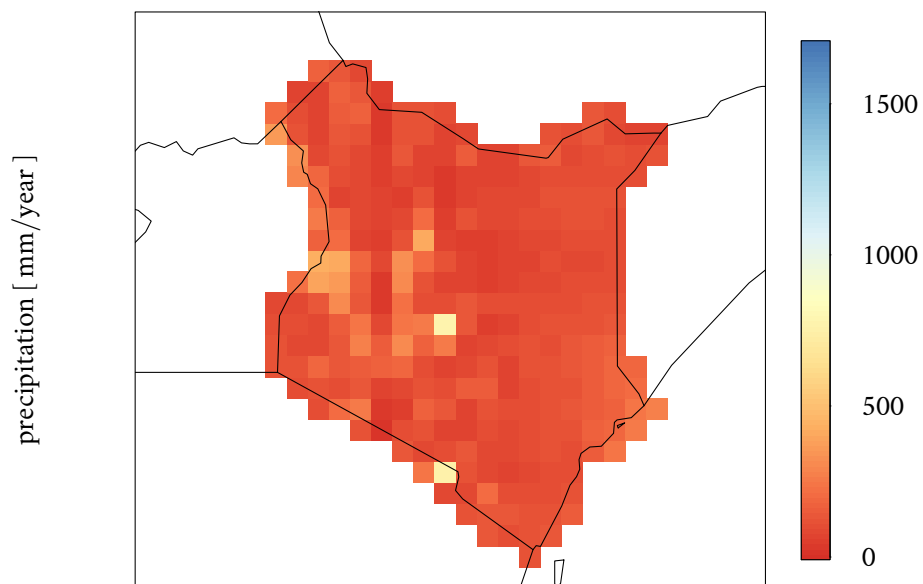
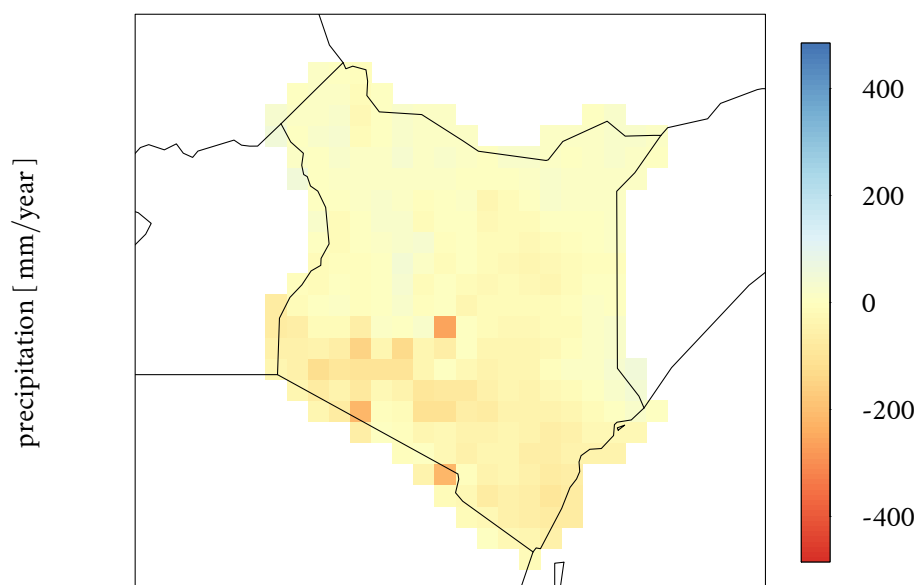


Figure 775: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



B.4.19 GCM NOAA-GFDL-GFDL-ESM2M / RCM RCA4

Figure 776: Mean across years, RCP 8.5, 2020 .. 2049

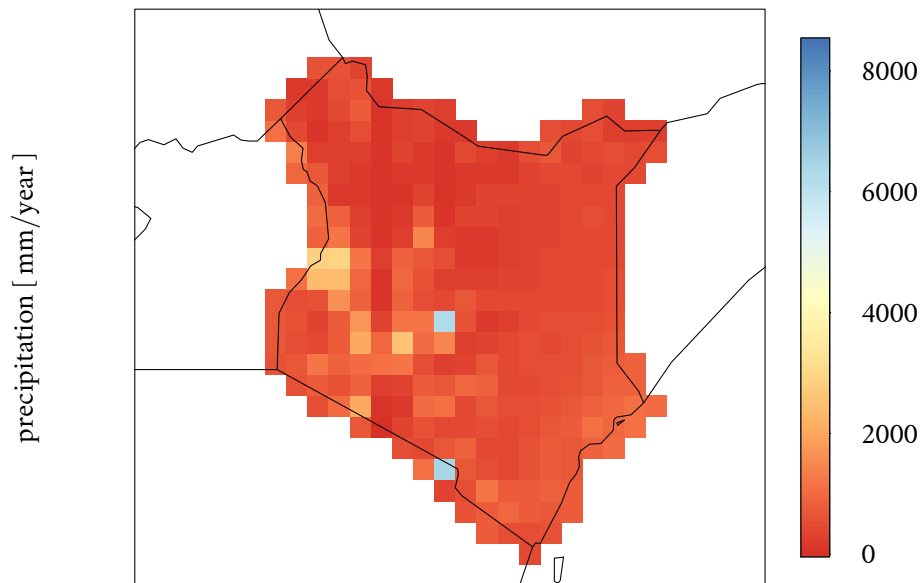


Figure 777: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

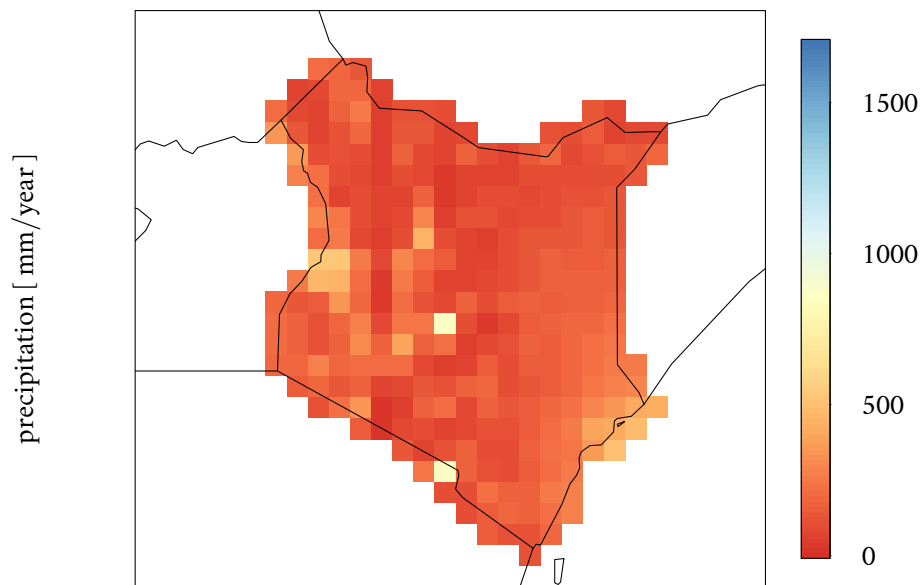


Figure 778: Mean across years, RCP 8.5, 2060 .. 2089

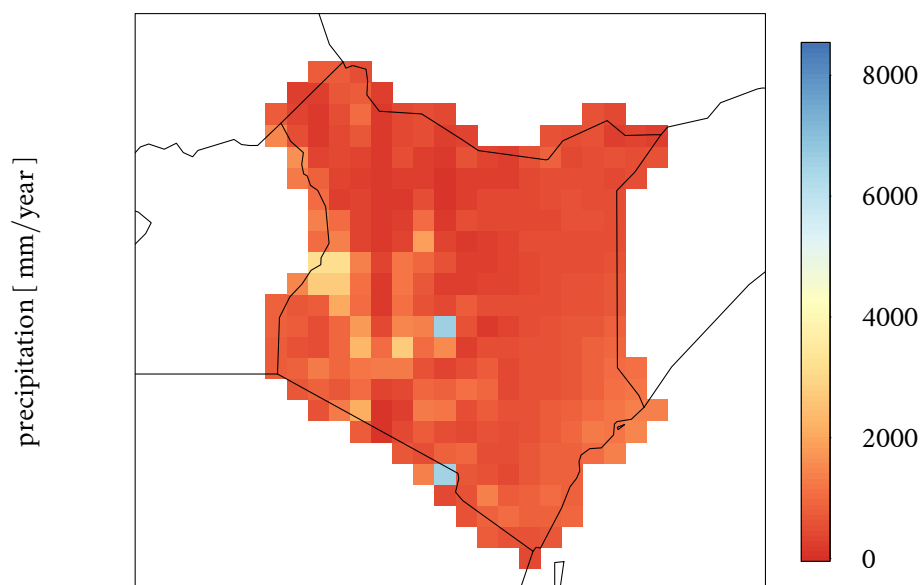


Figure 779: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

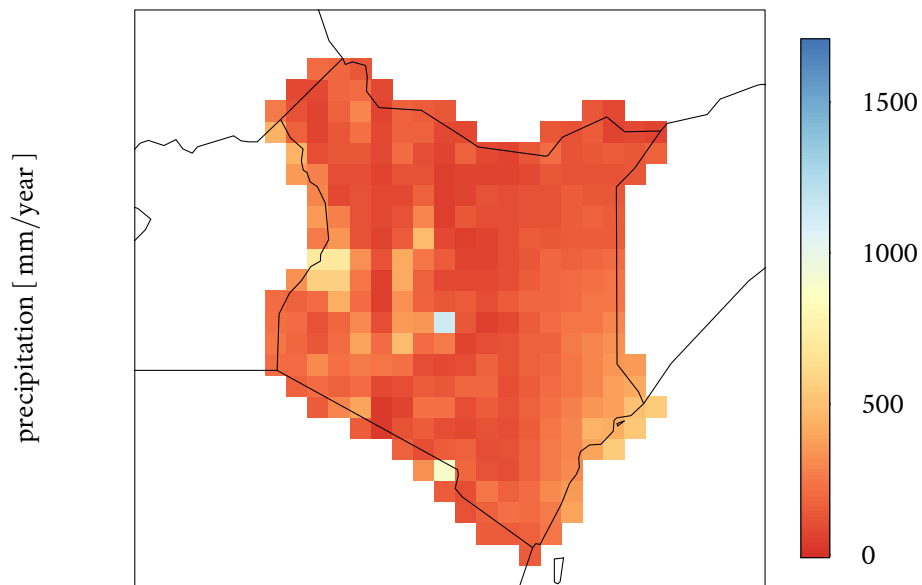
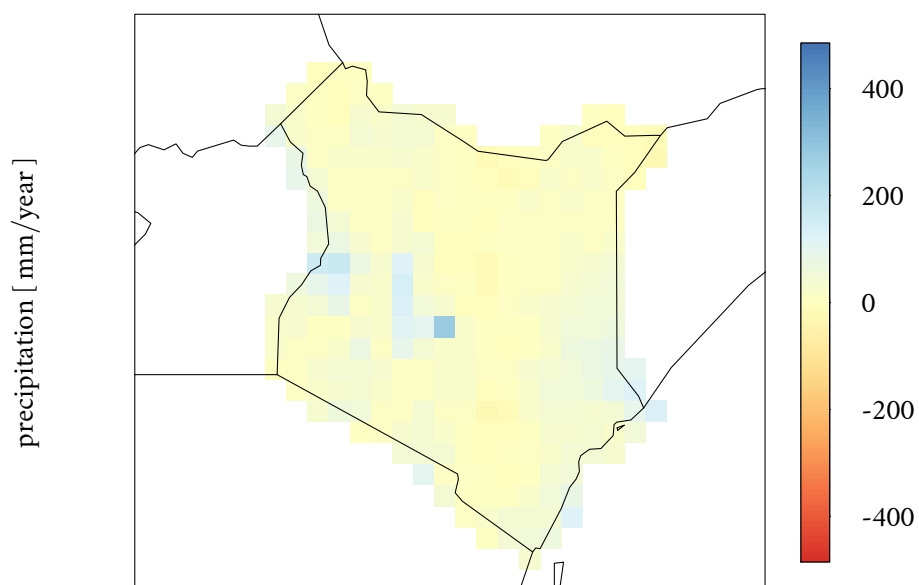


Figure 780: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C Individual models: Average surface temperature

C.1 Burkina Faso / RCP 2.6

C.1.1 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 781: Mean across years, RCP 2.6, 2020 .. 2049

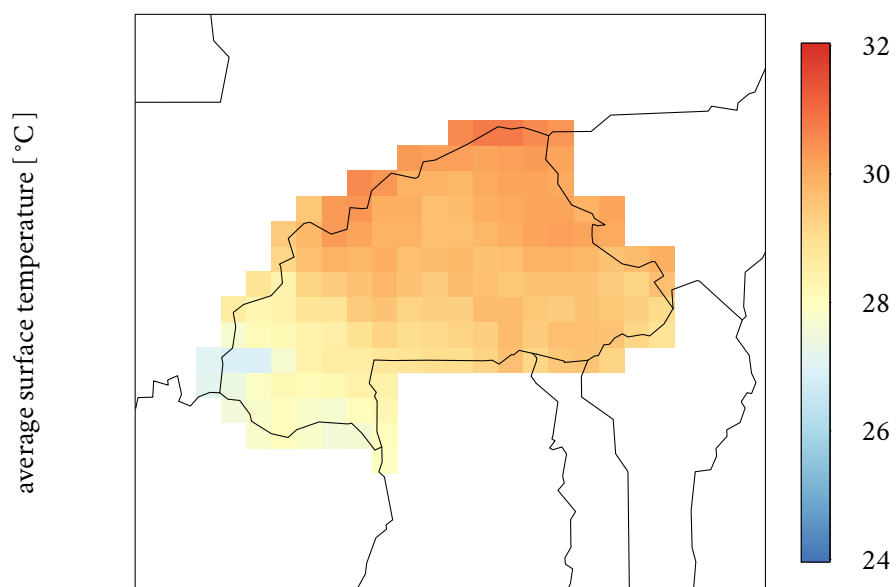


Figure 782: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

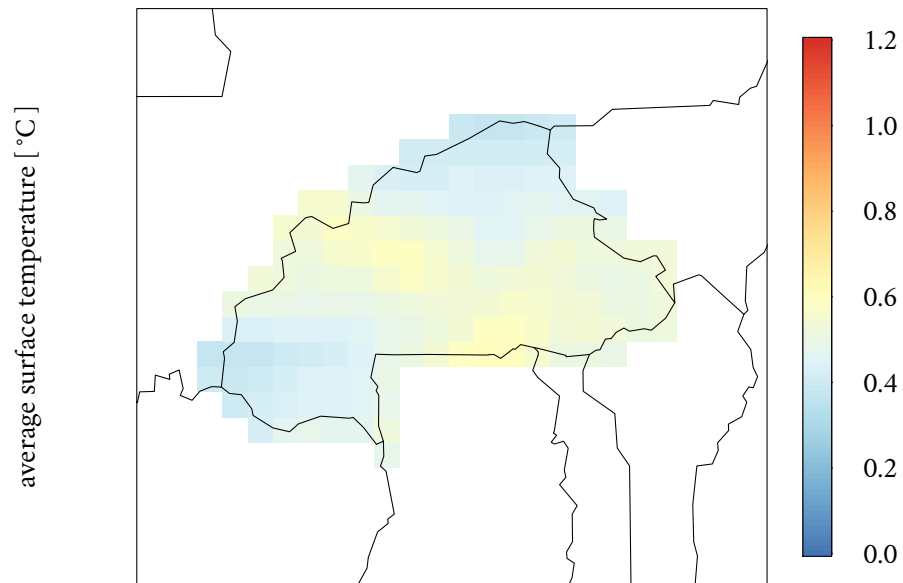


Figure 783: Mean across years, RCP 2.6, 2060 .. 2089

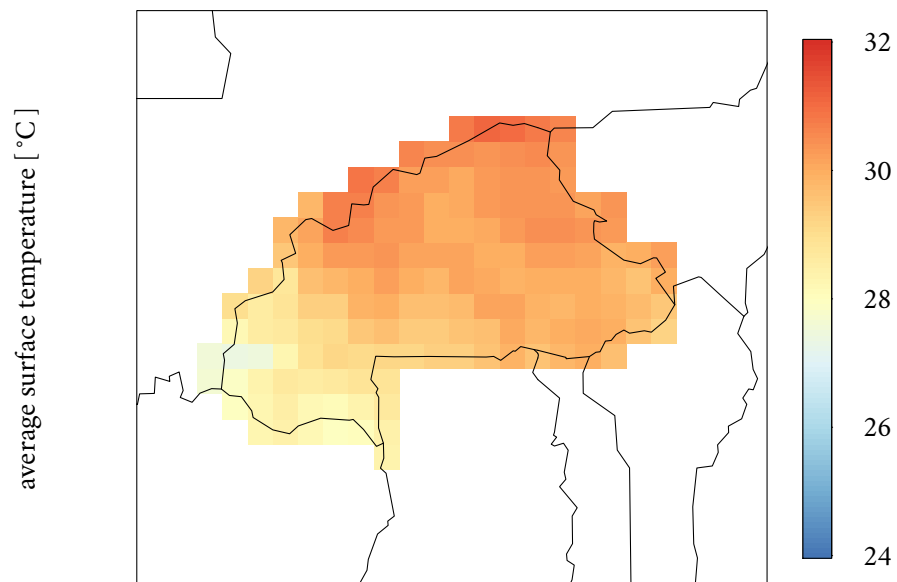


Figure 784: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

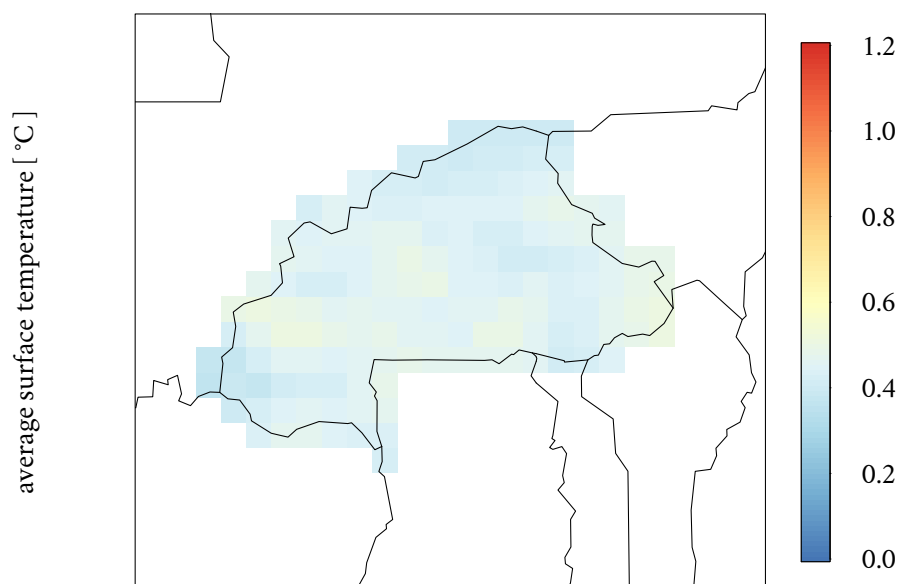
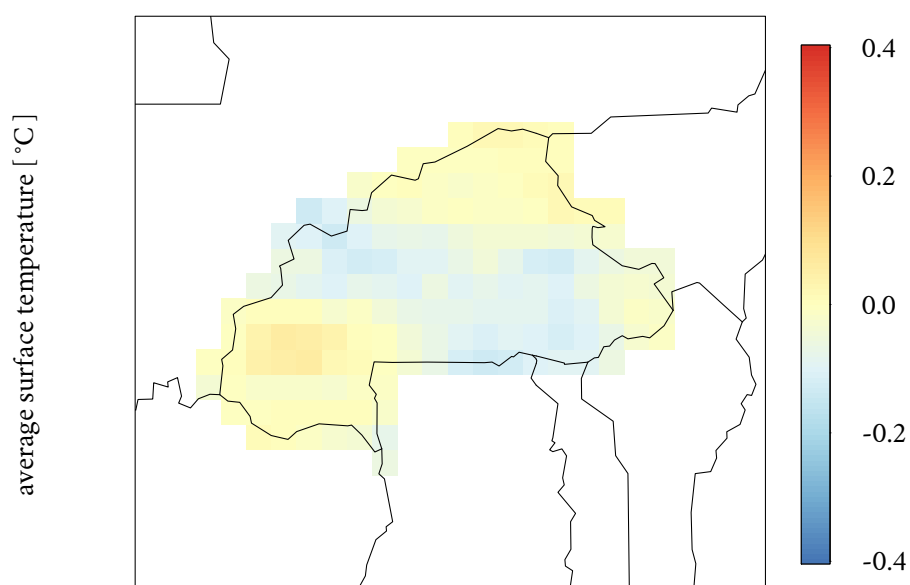


Figure 785: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.1.2 GCM MIROC-MIROC5 / RCM RCA4

Figure 786: Mean across years, RCP 2.6, 2020 .. 2049

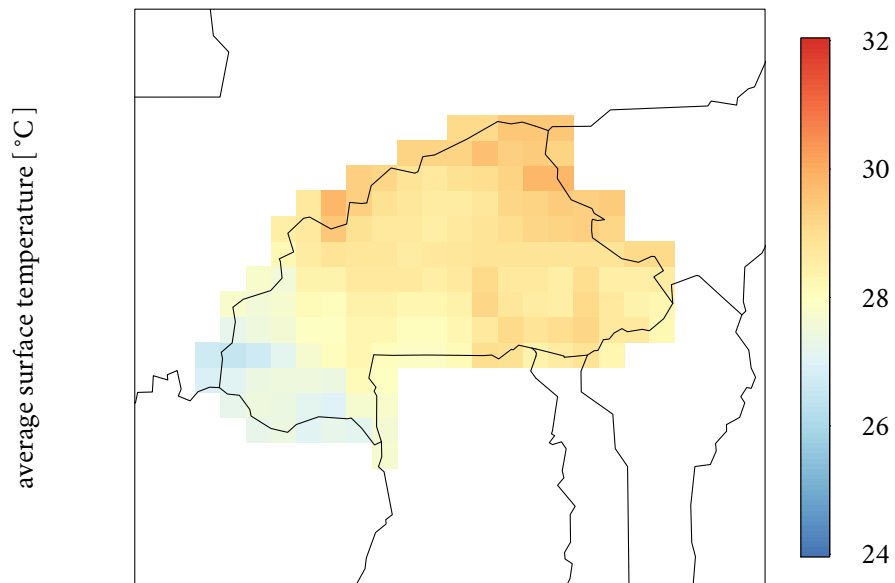


Figure 787: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

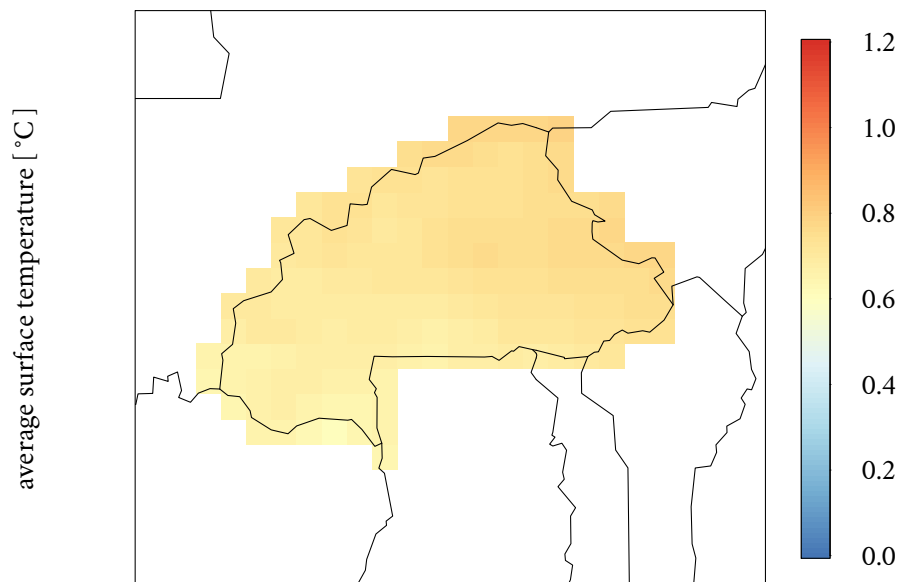


Figure 788: Mean across years, RCP 2.6, 2060 .. 2089

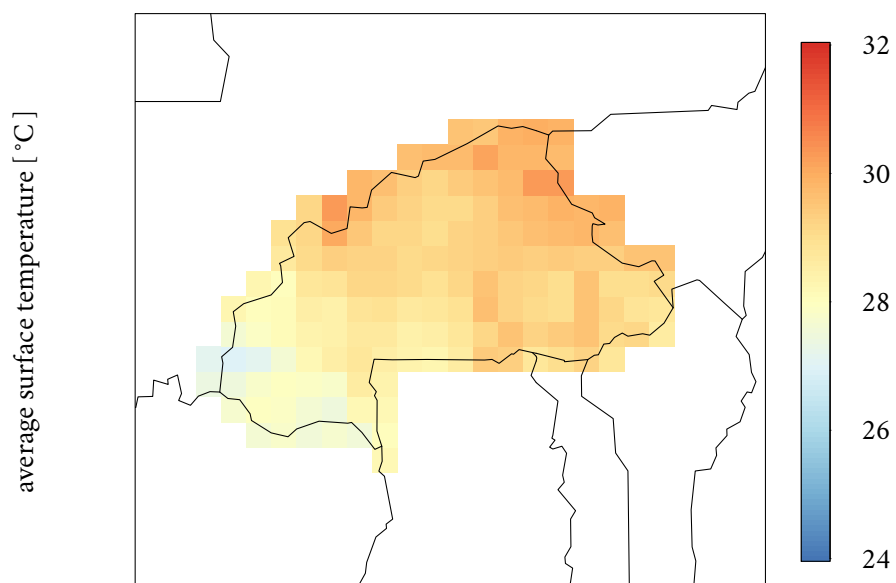


Figure 789: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

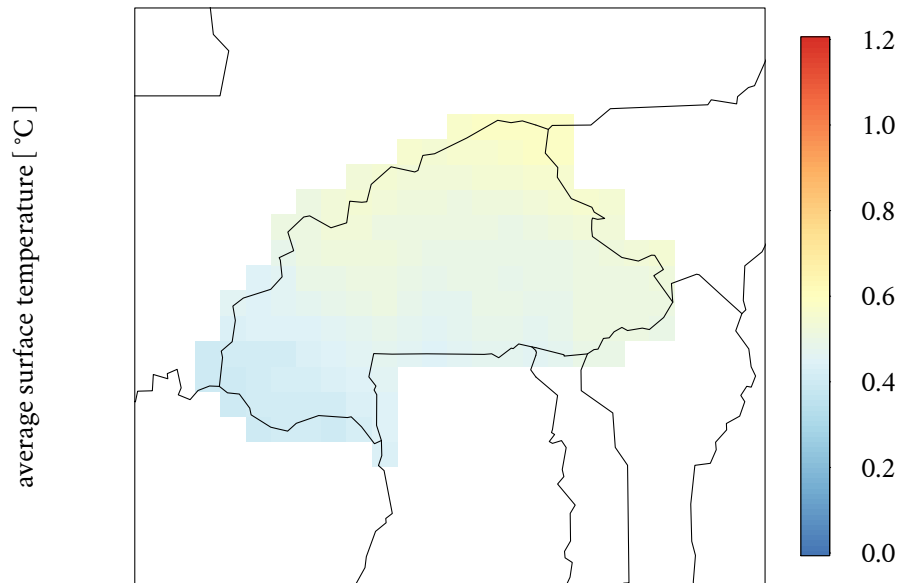
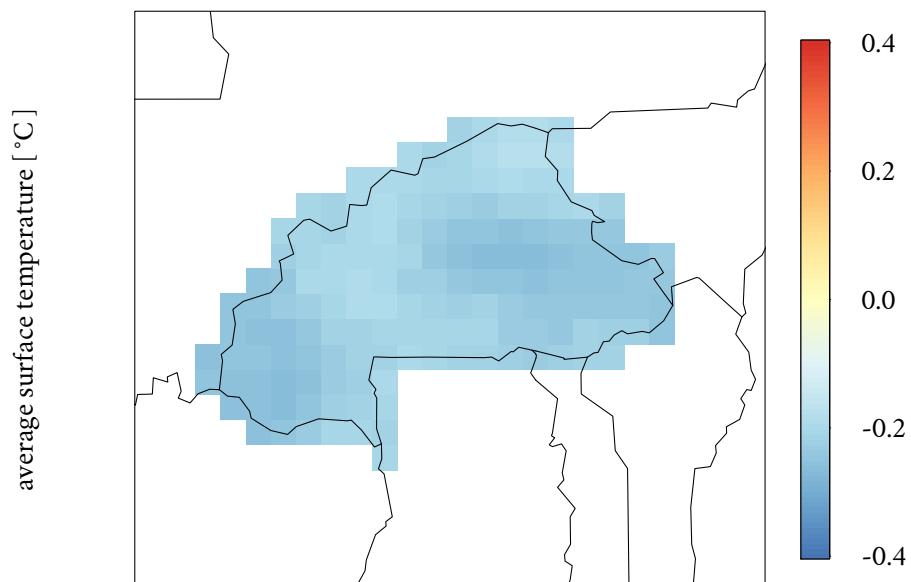


Figure 790: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.1.3 GCM MIROC-MIROC5 / RCM REMO2009

Figure 791: Mean across years, RCP 2.6, 2020 .. 2049

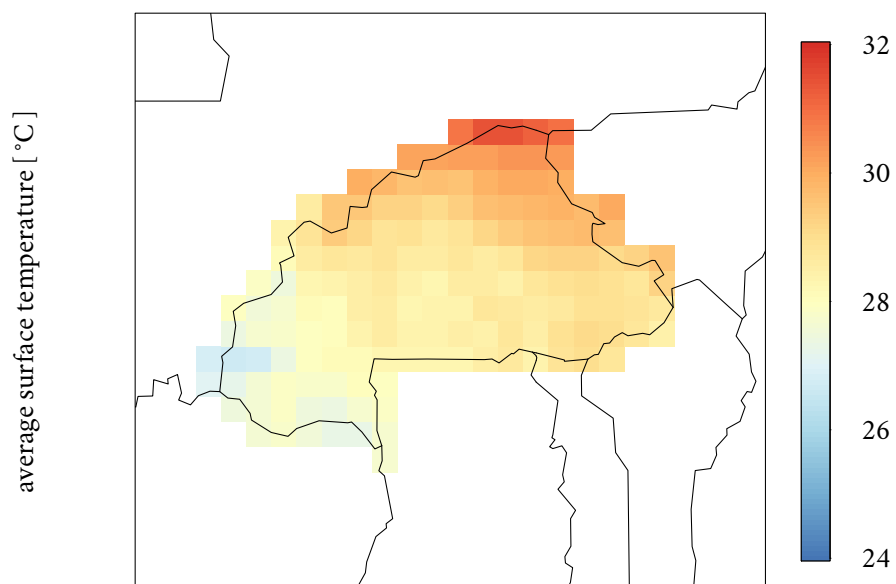


Figure 792: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

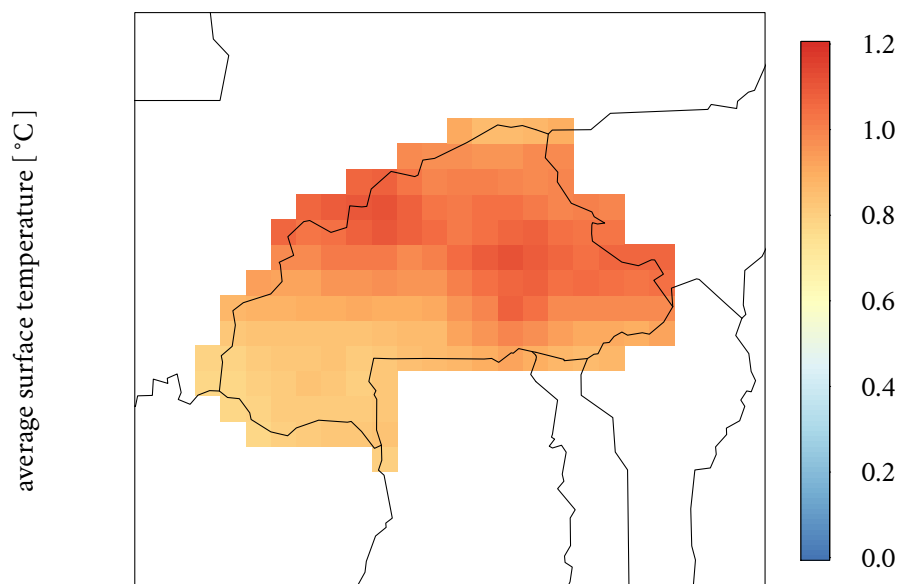


Figure 793: Mean across years, RCP 2.6, 2060 .. 2089

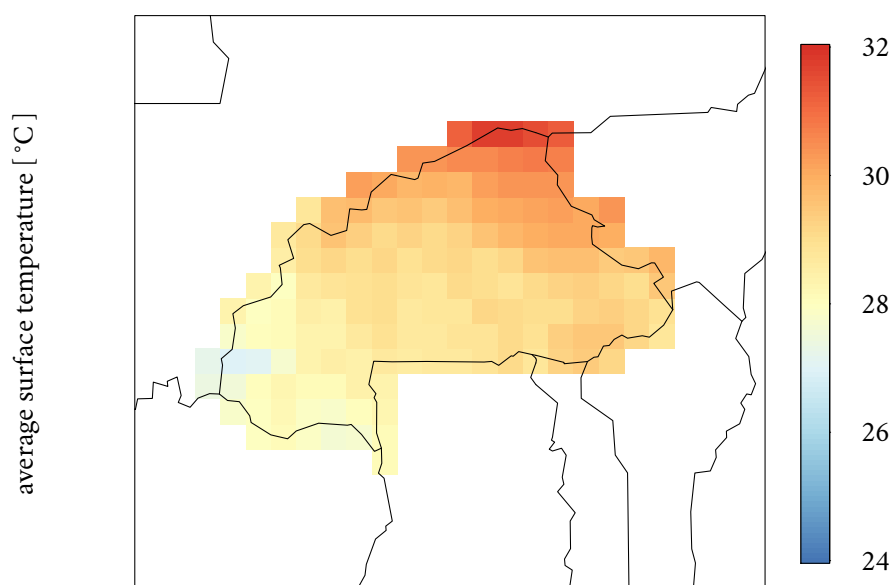


Figure 794: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

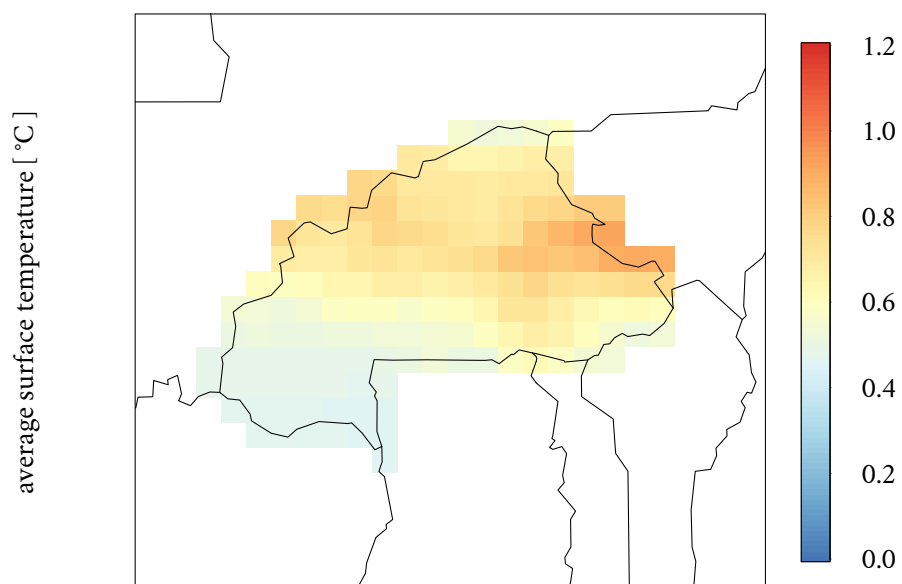
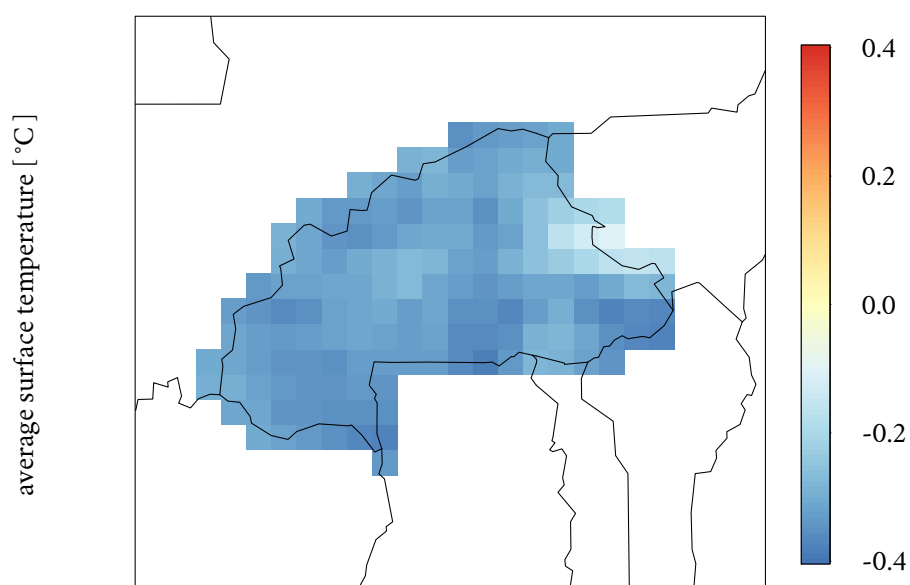


Figure 795: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.1.4 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 796: Mean across years, RCP 2.6, 2020 .. 2049

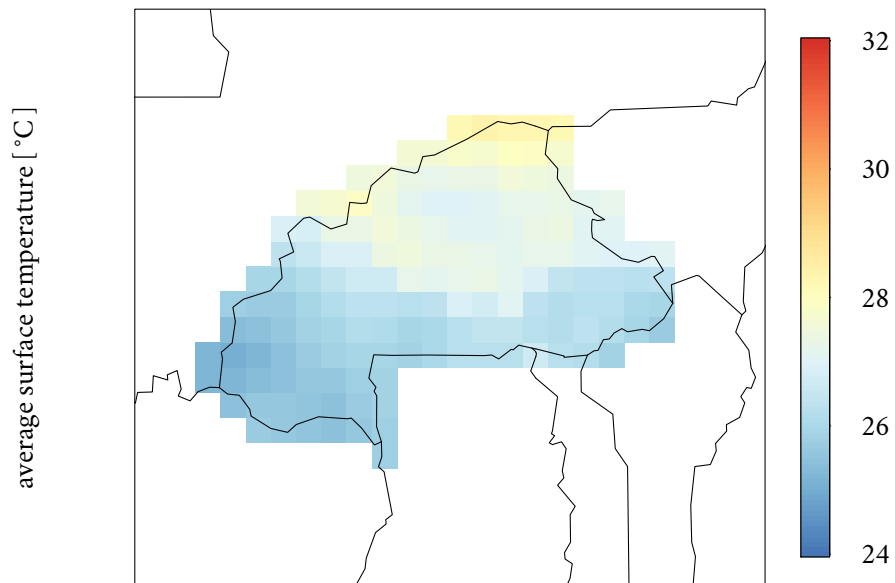


Figure 797: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

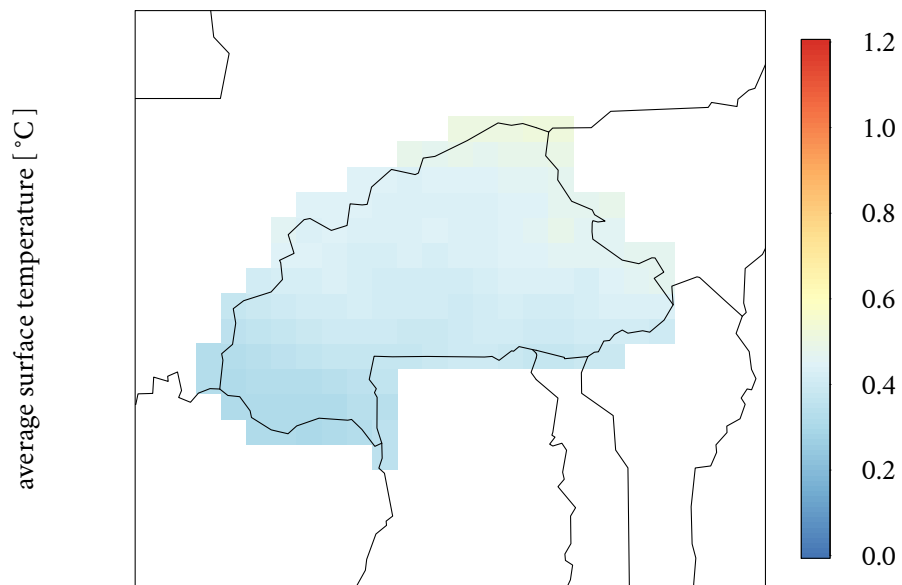


Figure 798: Mean across years, RCP 2.6, 2060 .. 2089

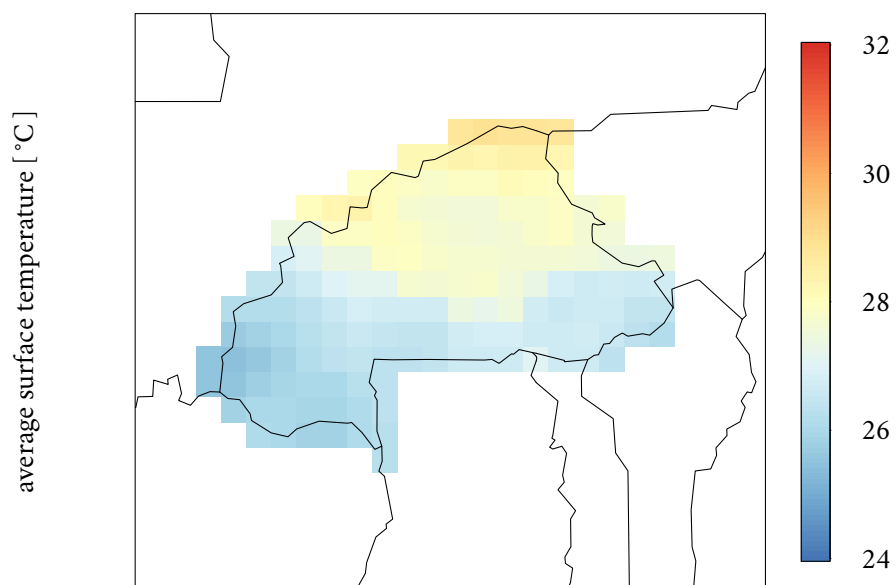


Figure 799: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

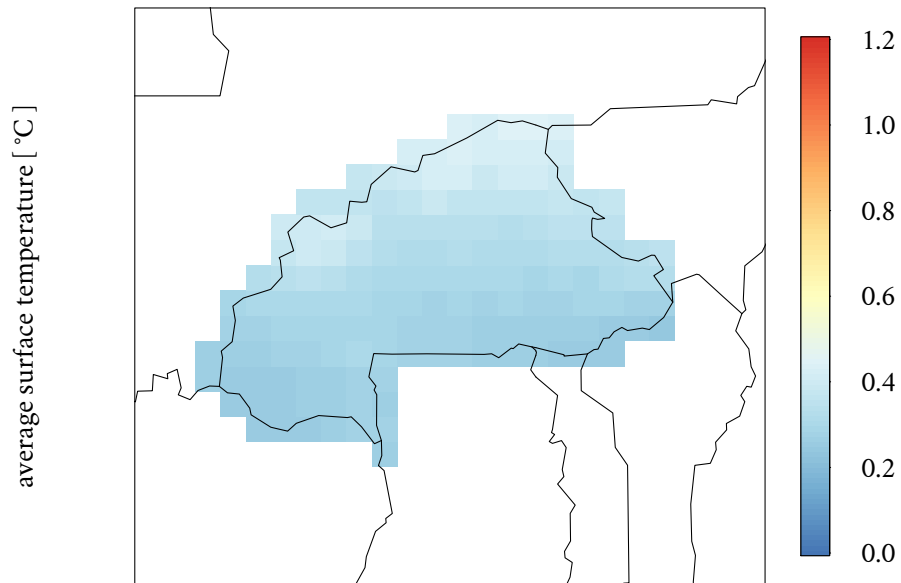
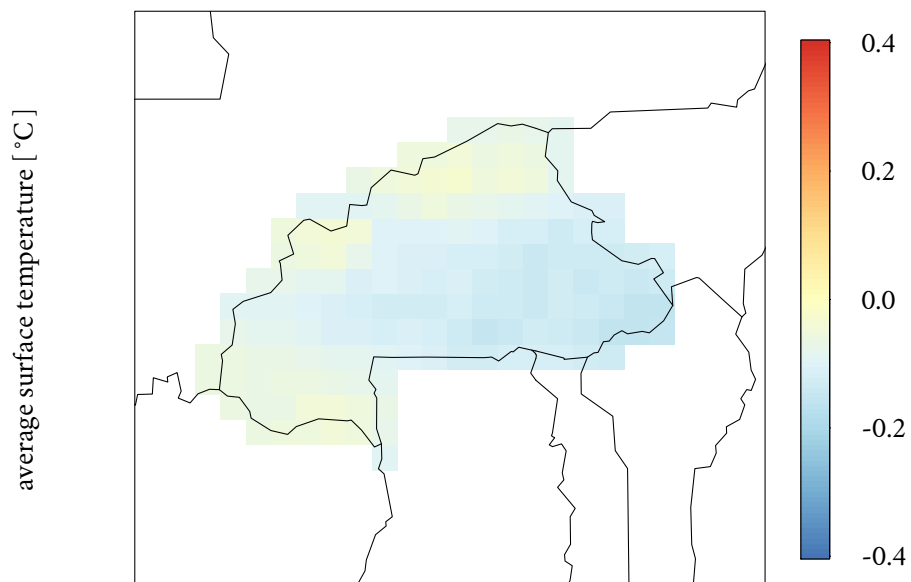


Figure 800: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.1.5 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 801: Mean across years, RCP 2.6, 2020 .. 2049

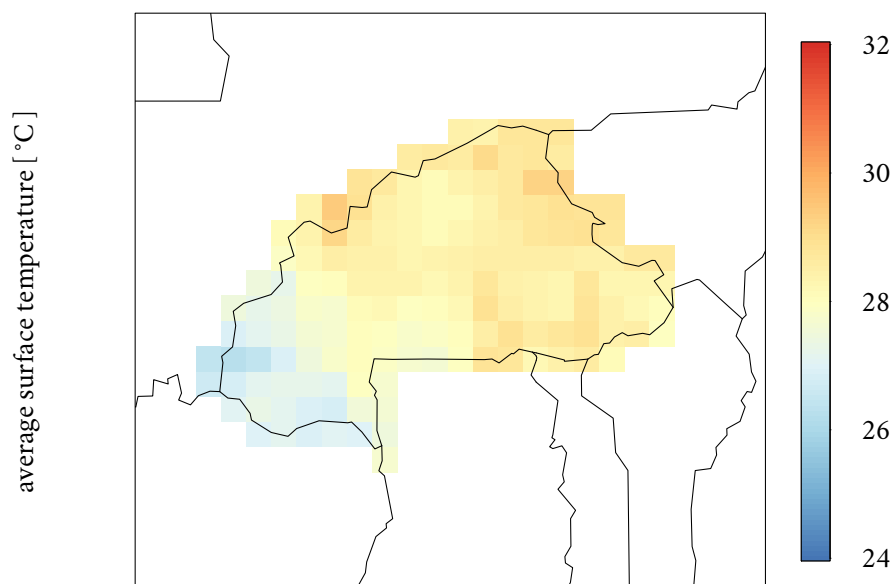


Figure 802: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

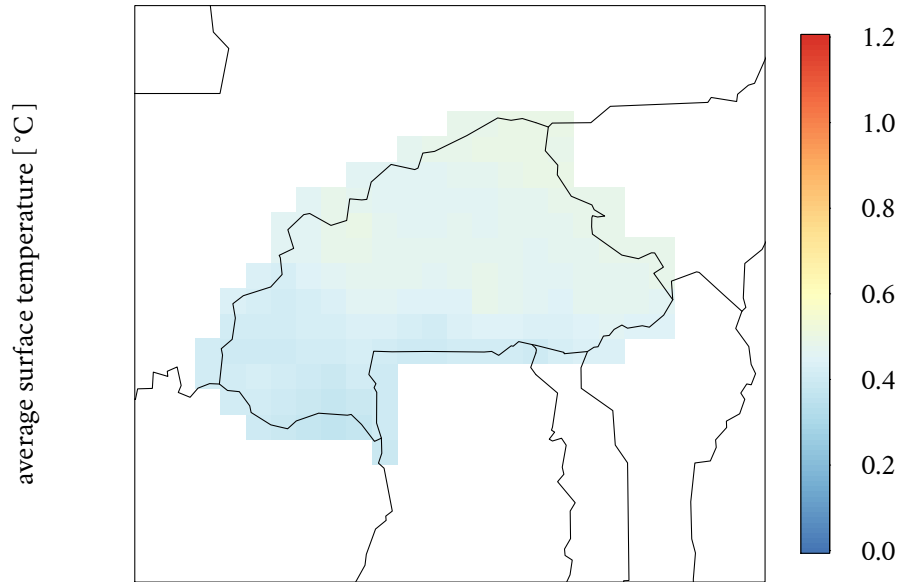


Figure 803: Mean across years, RCP 2.6, 2060 .. 2089

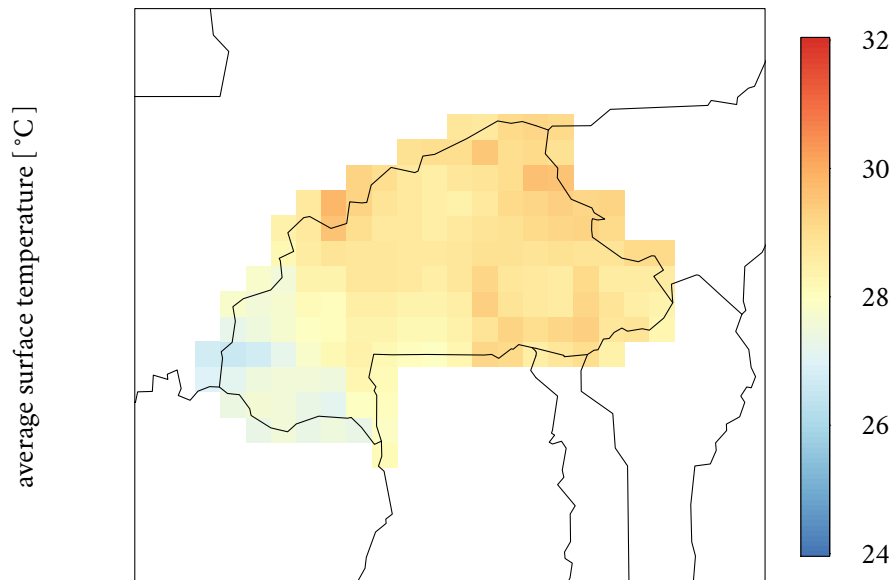


Figure 804: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

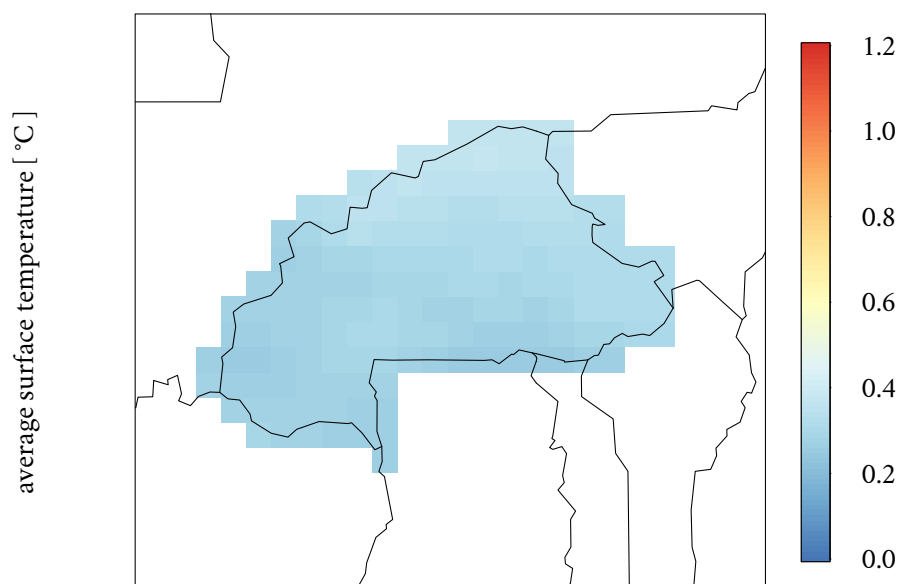
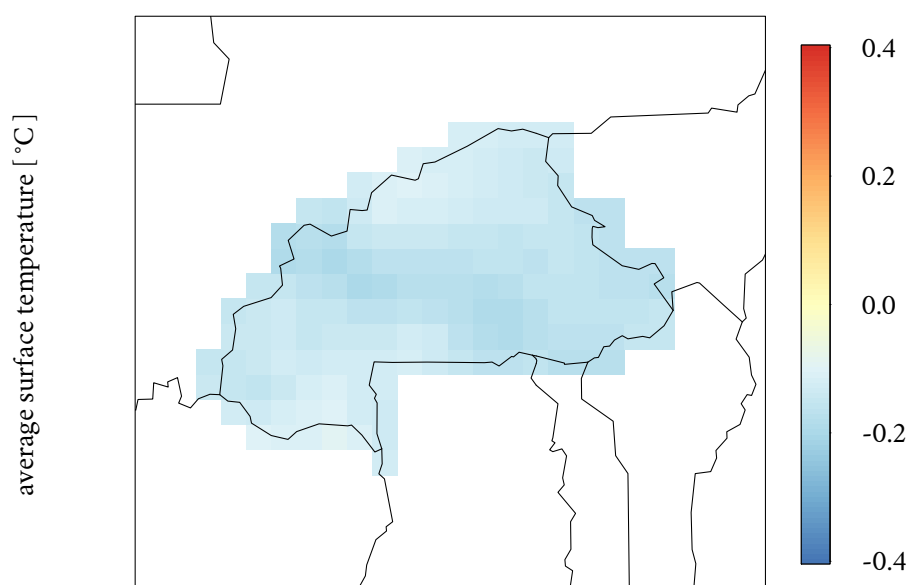


Figure 805: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.1.6 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 806: Mean across years, RCP 2.6, 2020 .. 2049

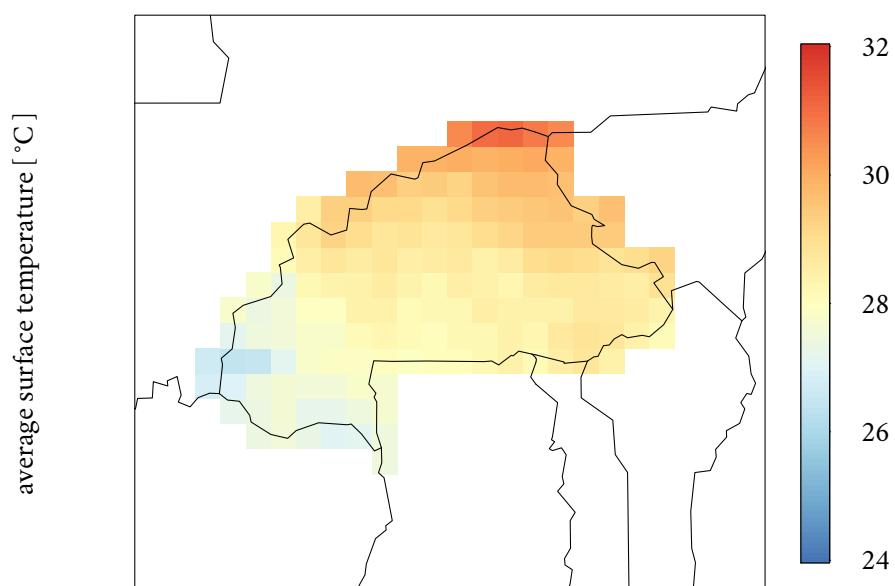


Figure 807: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

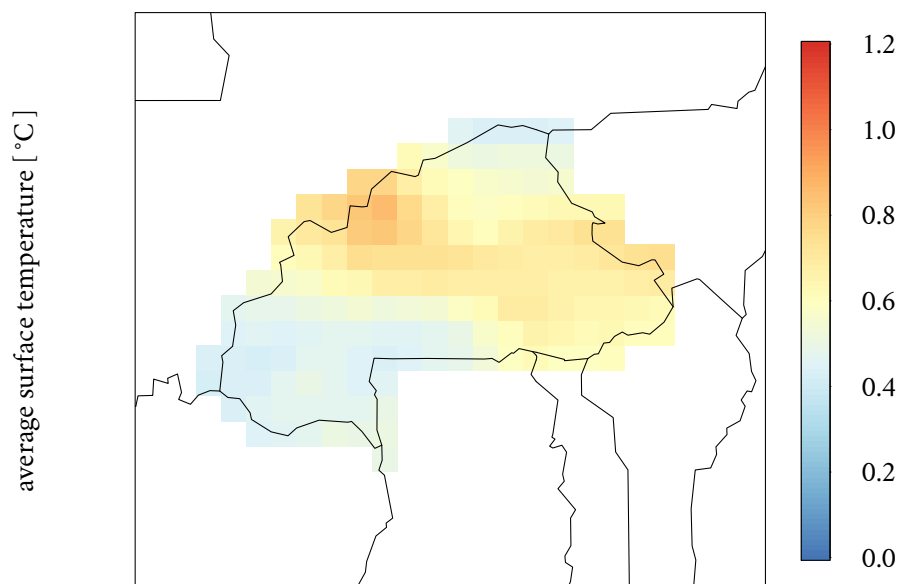


Figure 808: Mean across years, RCP 2.6, 2060 .. 2089

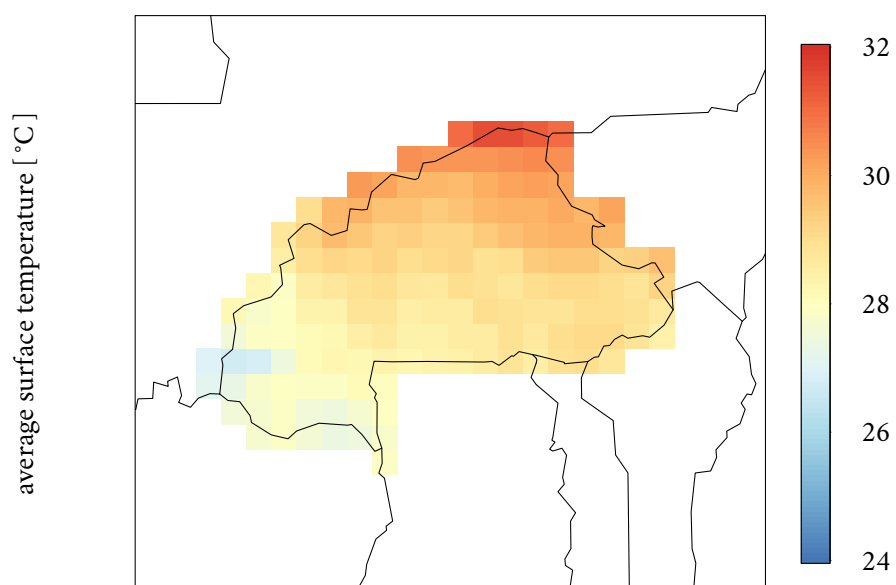


Figure 809: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

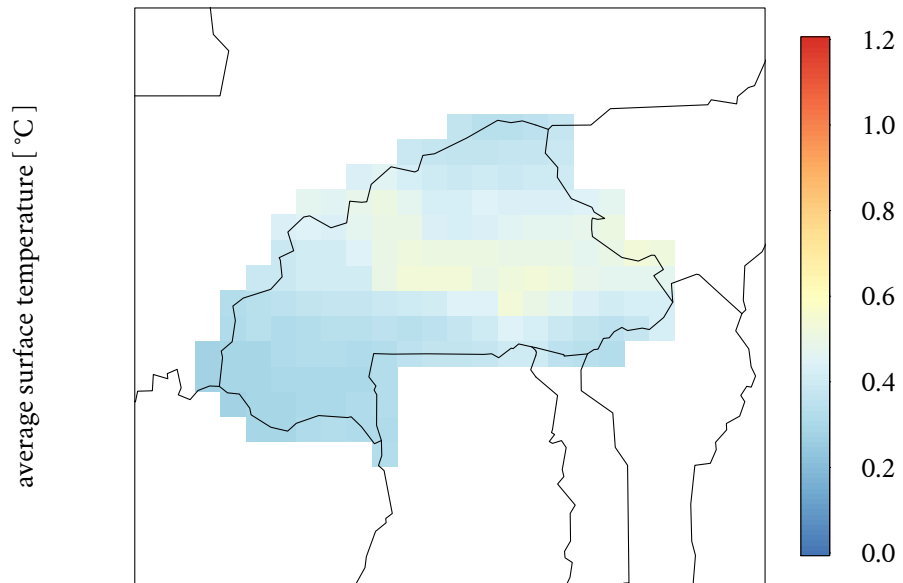
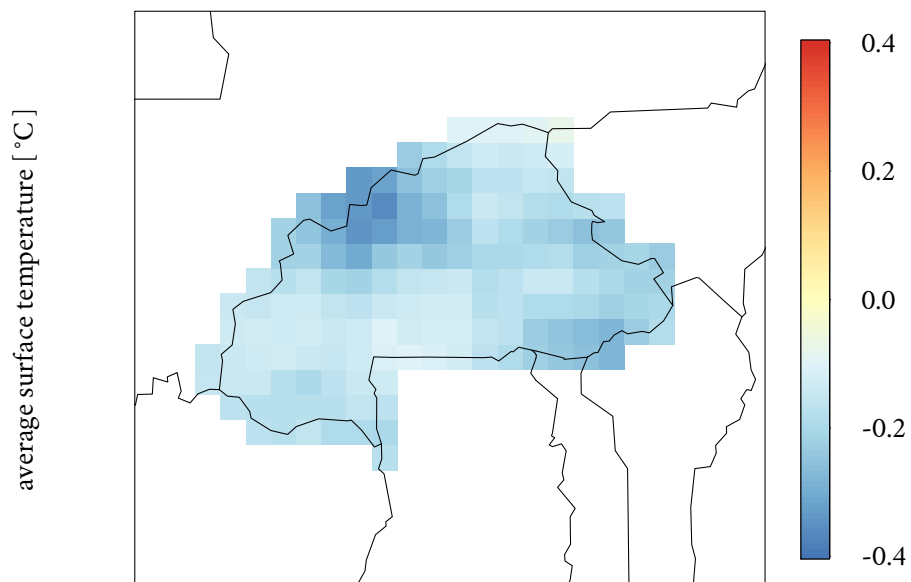


Figure 810: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.1.7 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 811: Mean across years, RCP 2.6, 2020 .. 2049

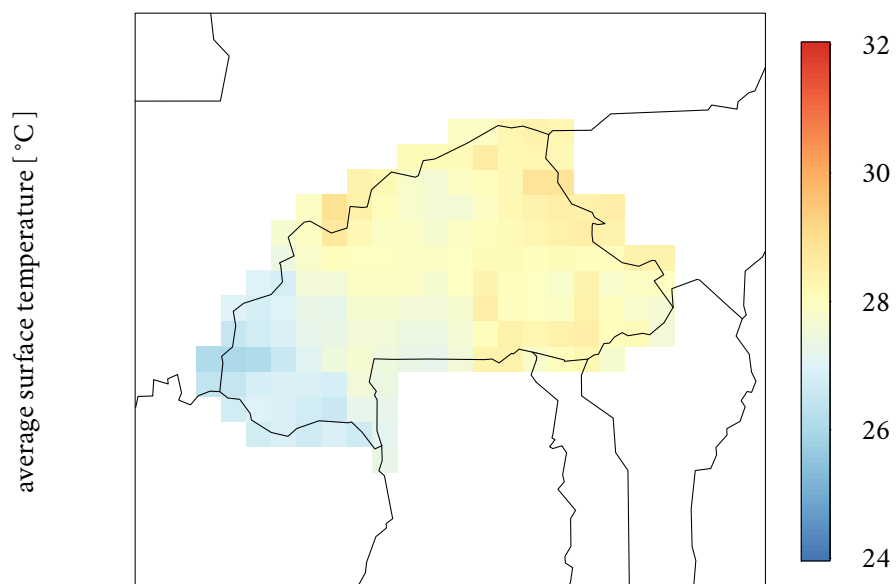


Figure 812: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

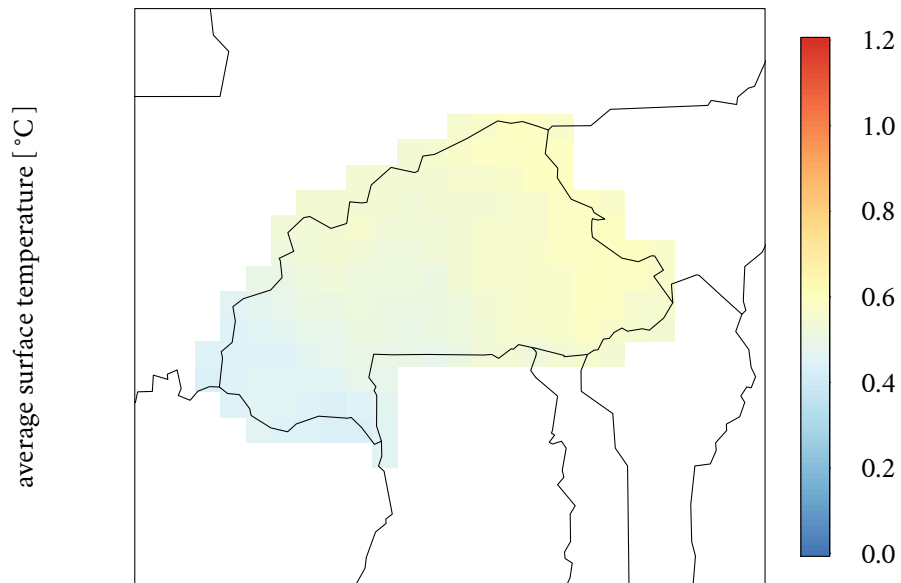


Figure 813: Mean across years, RCP 2.6, 2060 .. 2089

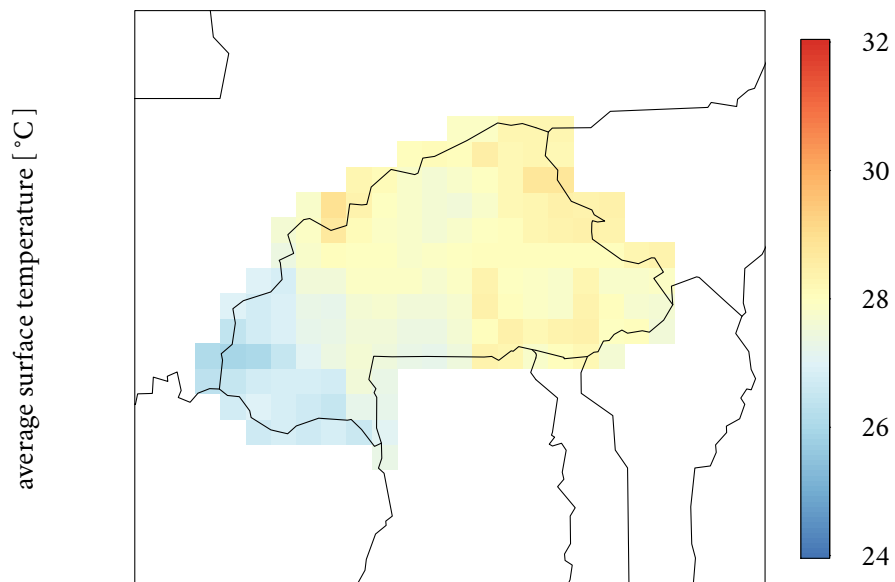


Figure 814: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

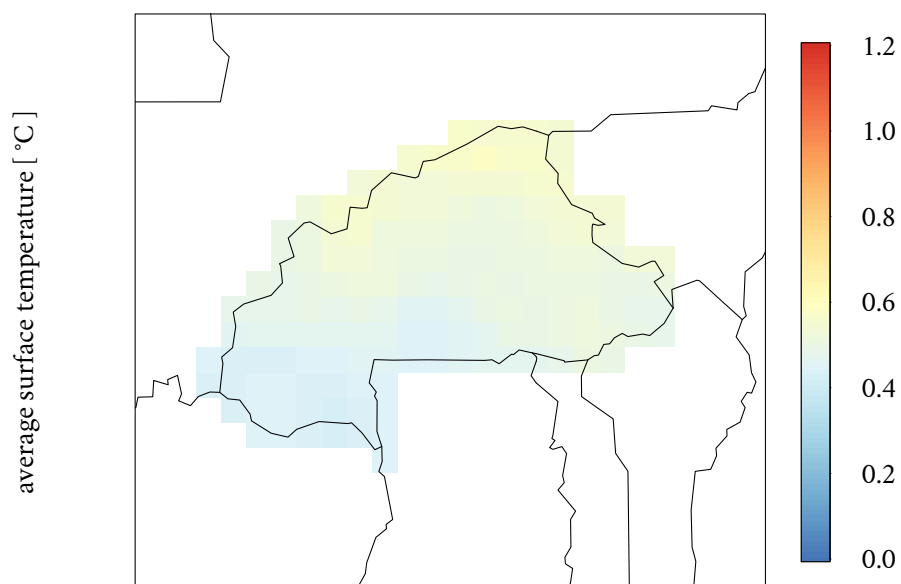
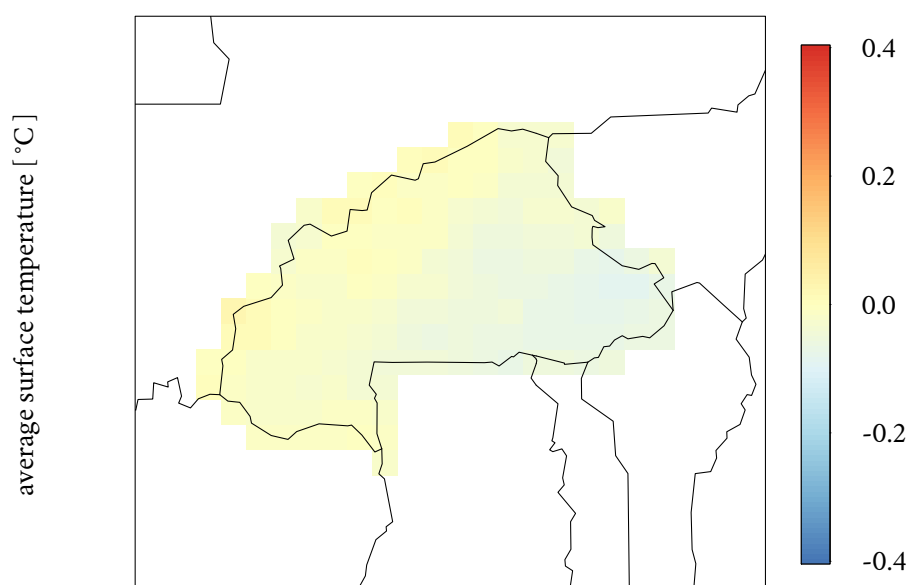


Figure 815: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.1.8 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 816: Mean across years, RCP 2.6, 2020 .. 2049

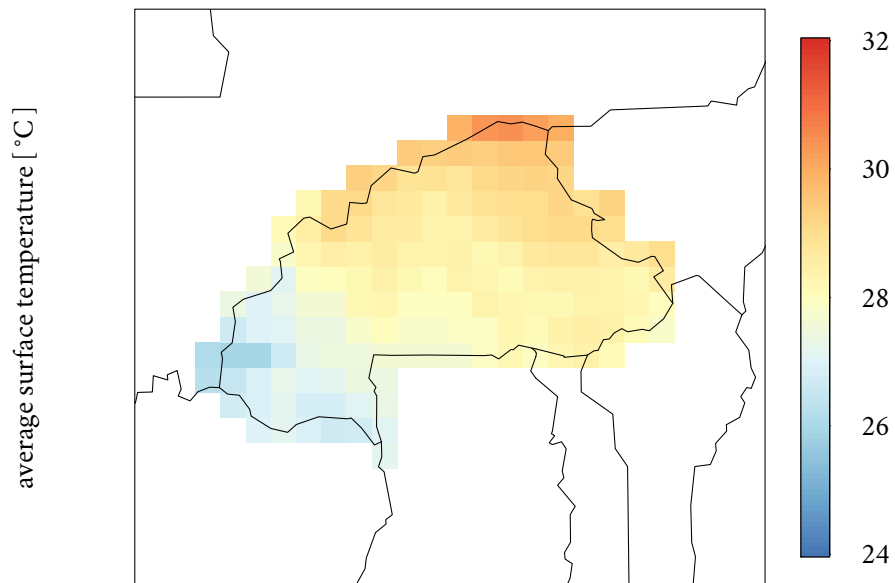


Figure 817: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

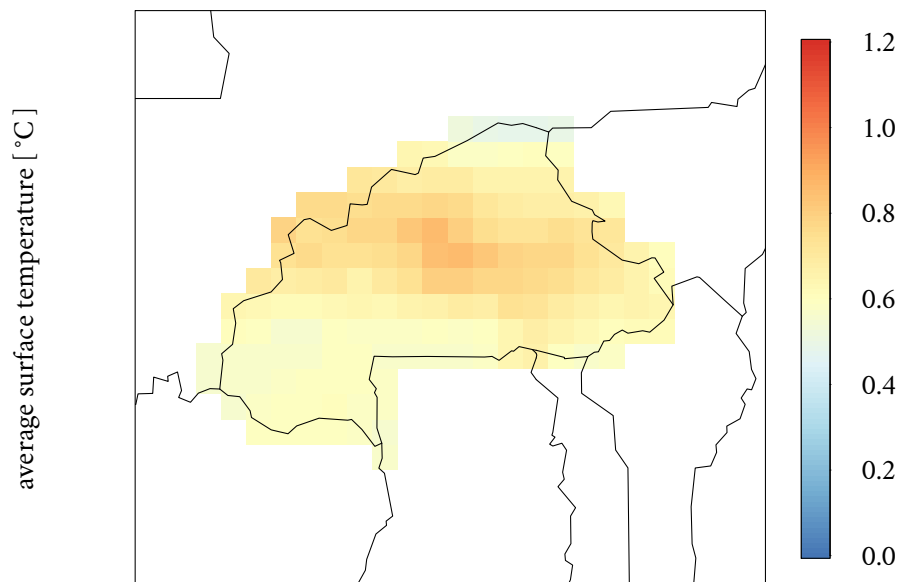


Figure 818: Mean across years, RCP 2.6, 2060 .. 2089

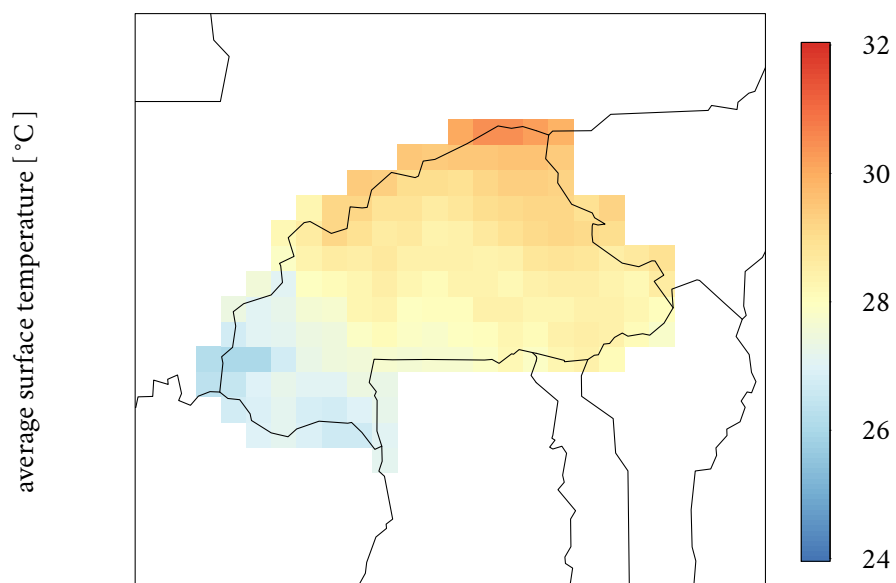


Figure 819: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

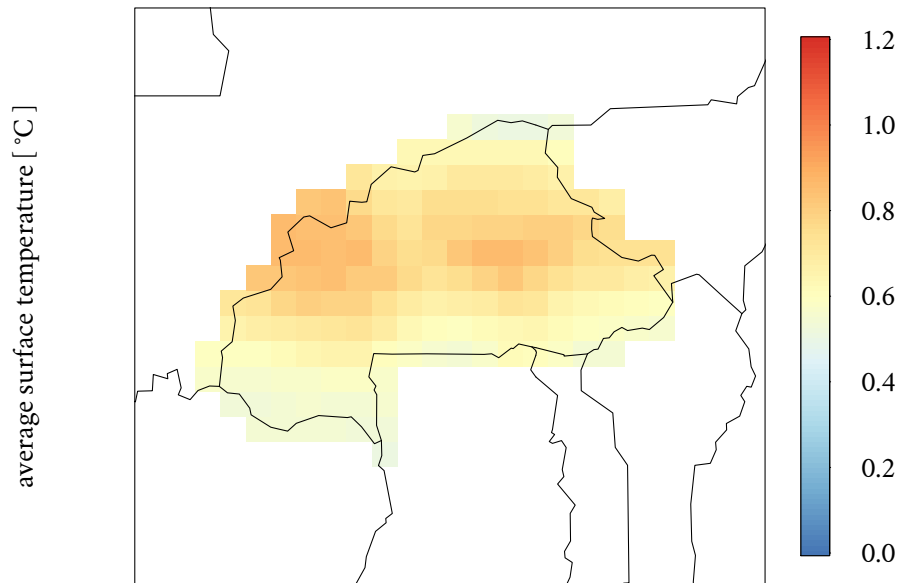
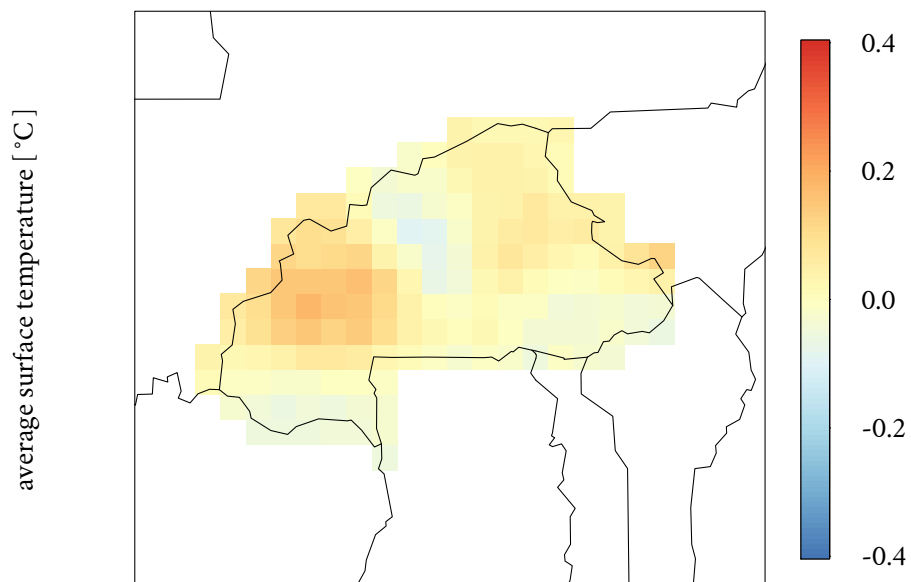


Figure 820: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.1.9 GCM NCC-NorESM1-M / RCM RCA4

Figure 821: Mean across years, RCP 2.6, 2020 .. 2049

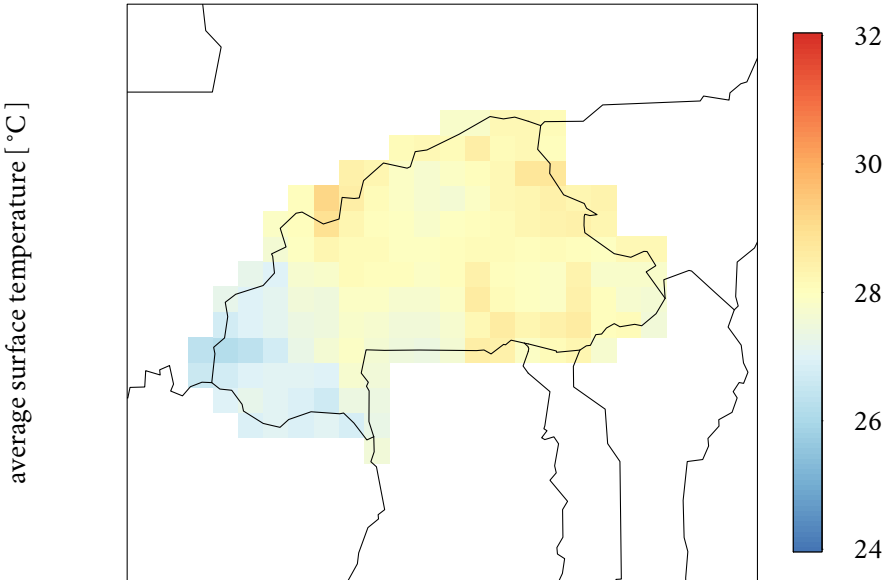


Figure 822: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

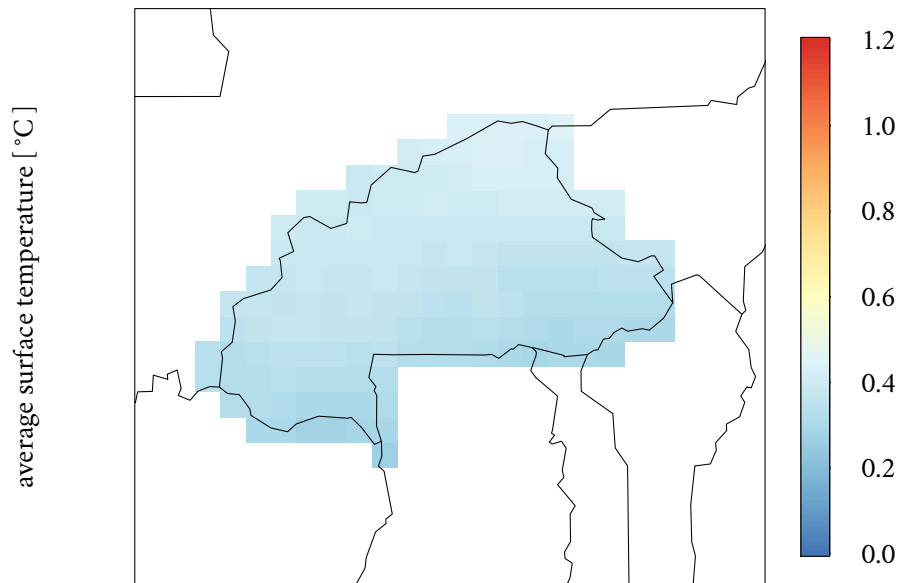


Figure 823: Mean across years, RCP 2.6, 2060 .. 2089

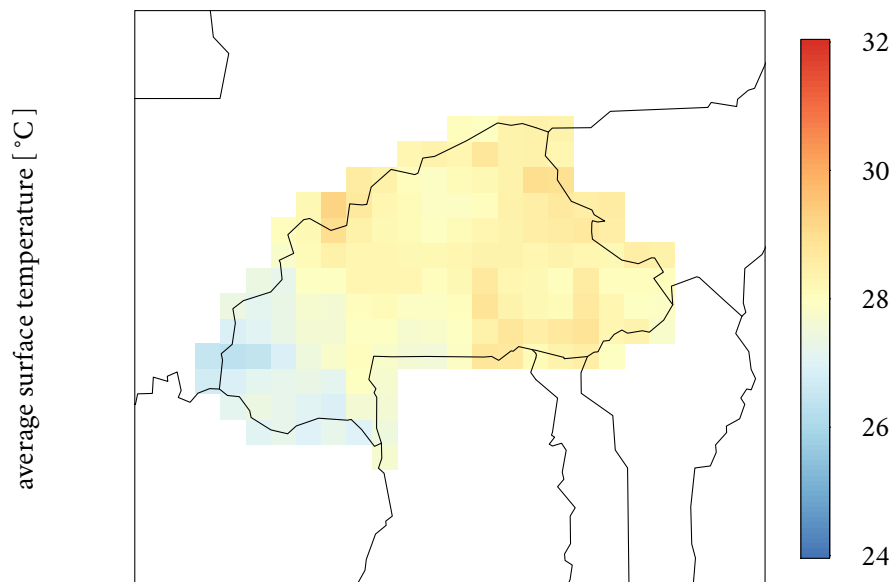


Figure 824: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

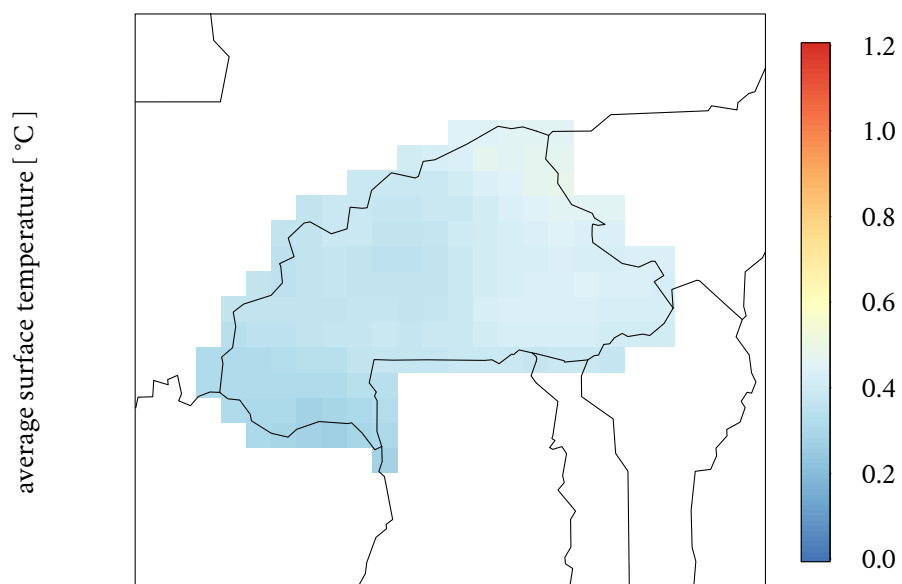
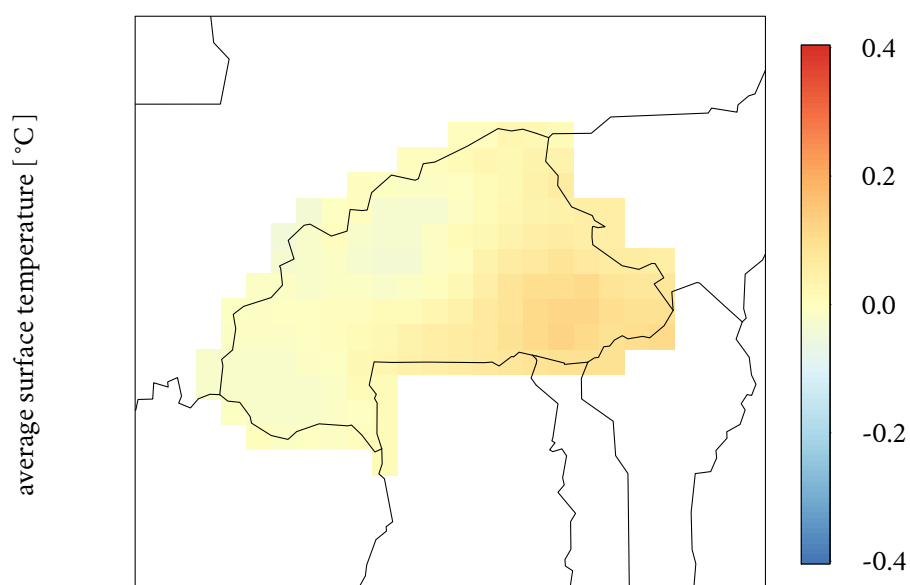


Figure 825: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.1.10 GCM NOAA-GFDL-GFDL-ESM2G / RCM REMO2009

Figure 826: Mean across years, RCP 2.6, 2020 .. 2049

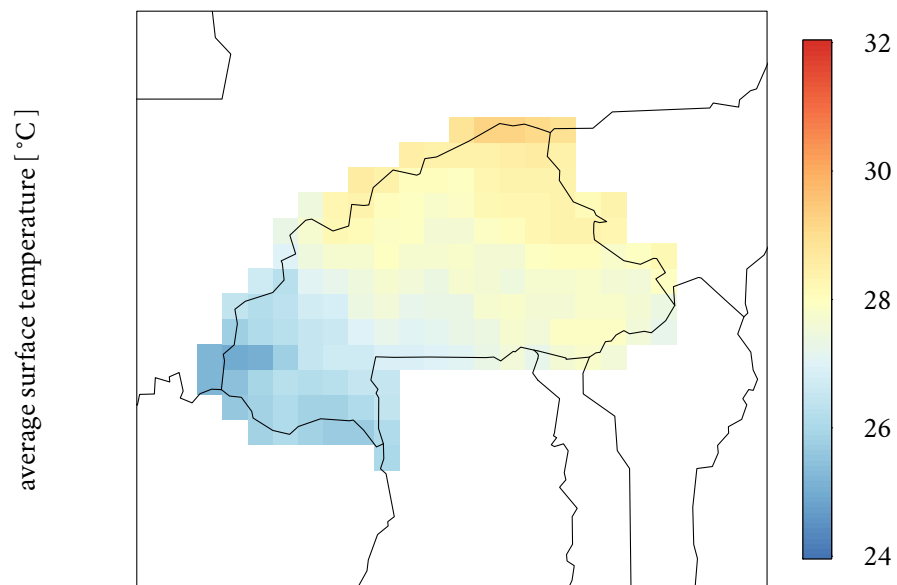


Figure 827: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

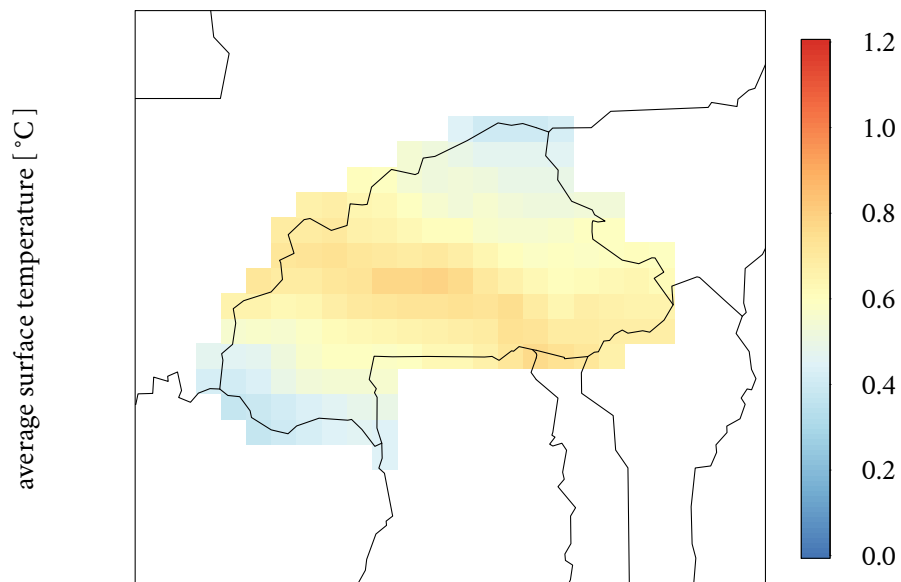


Figure 828: Mean across years, RCP 2.6, 2060 .. 2089

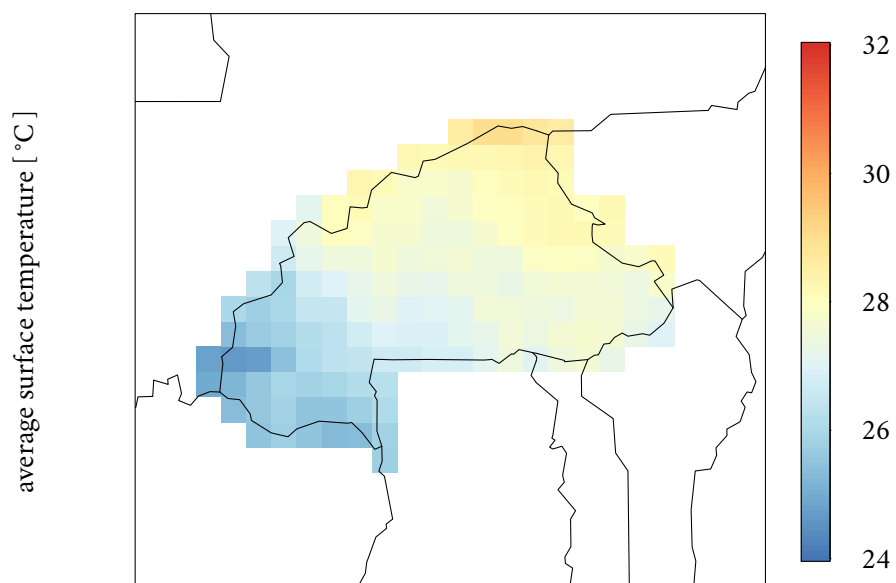


Figure 829: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

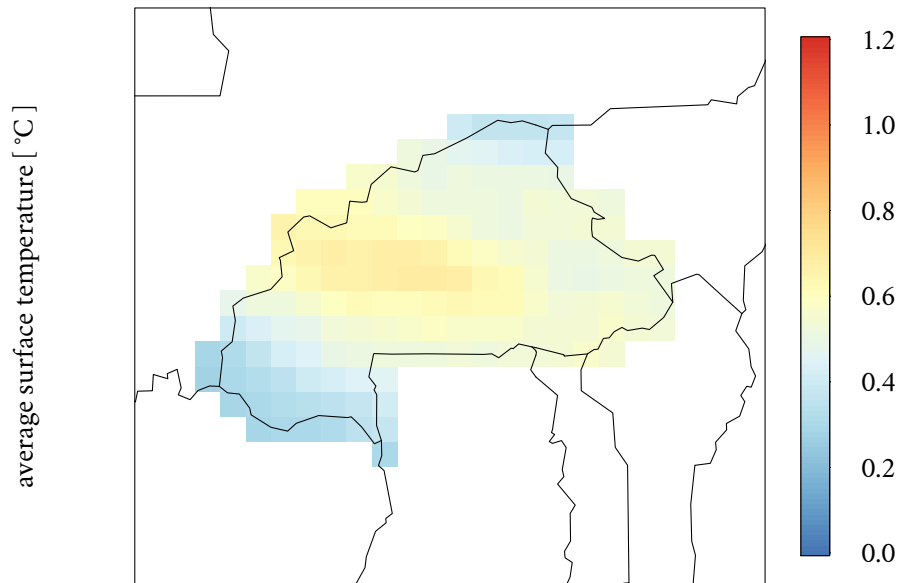
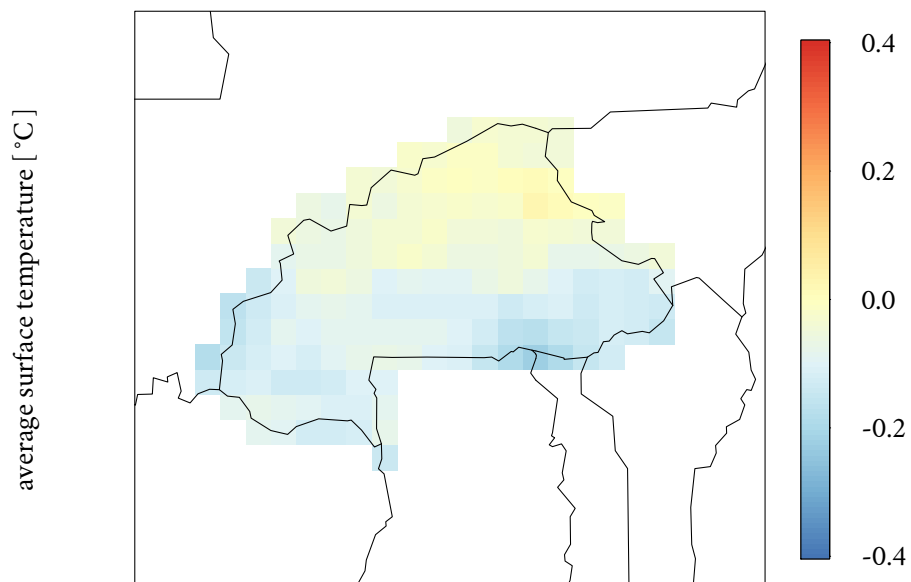


Figure 830: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.2 Burkina Faso / RCP 8.5

C.2.1 GCM CCCma-CanESM2 / RCM RCA4

Figure 831: Mean across years, RCP 8.5, 2020 .. 2049

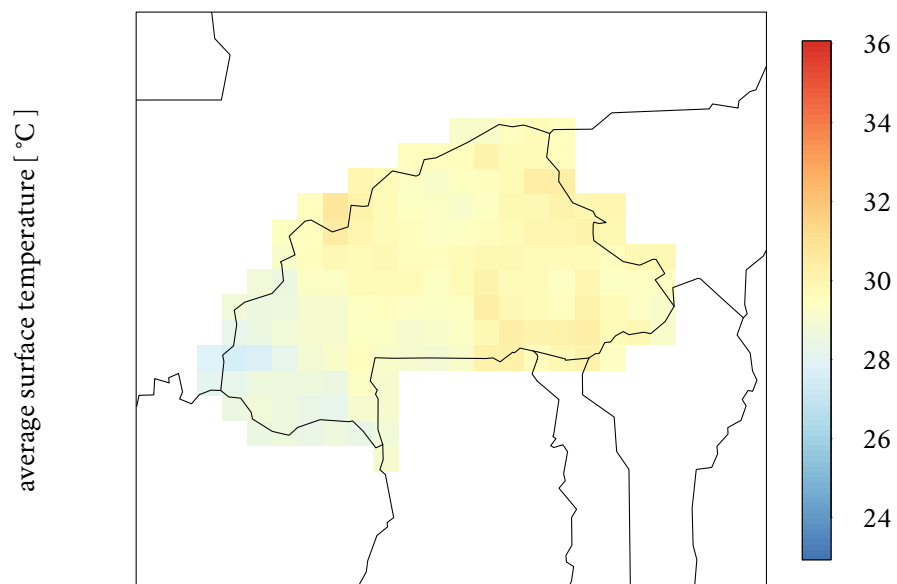


Figure 832: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

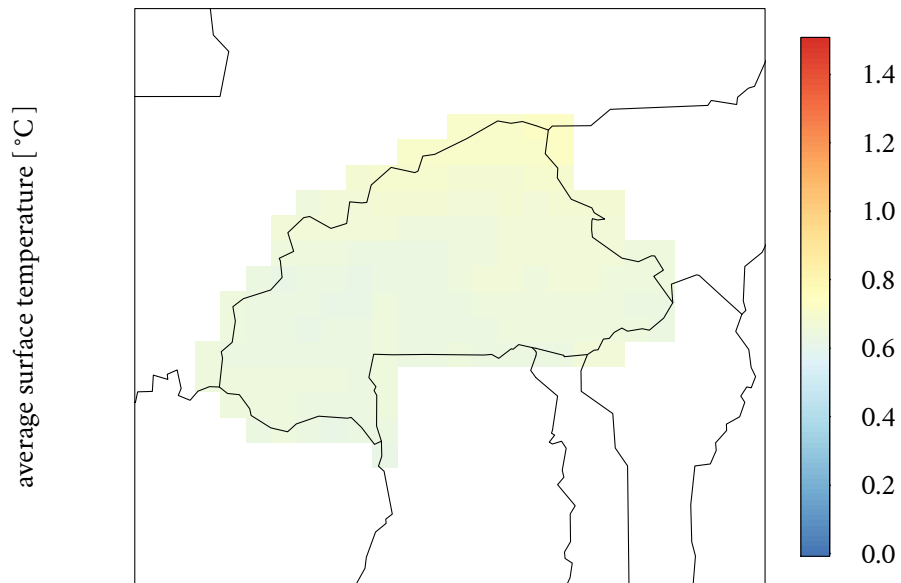


Figure 833: Mean across years, RCP 8.5, 2060 .. 2089

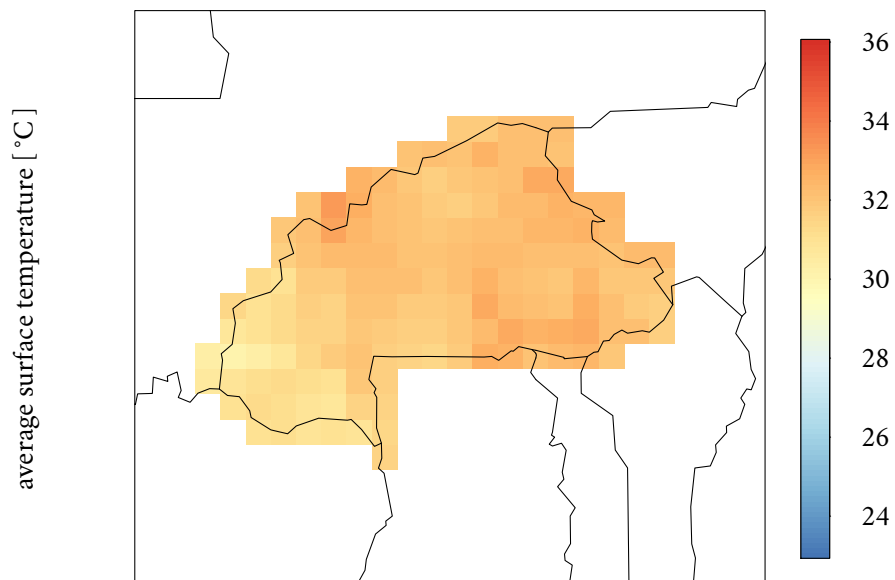


Figure 834: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

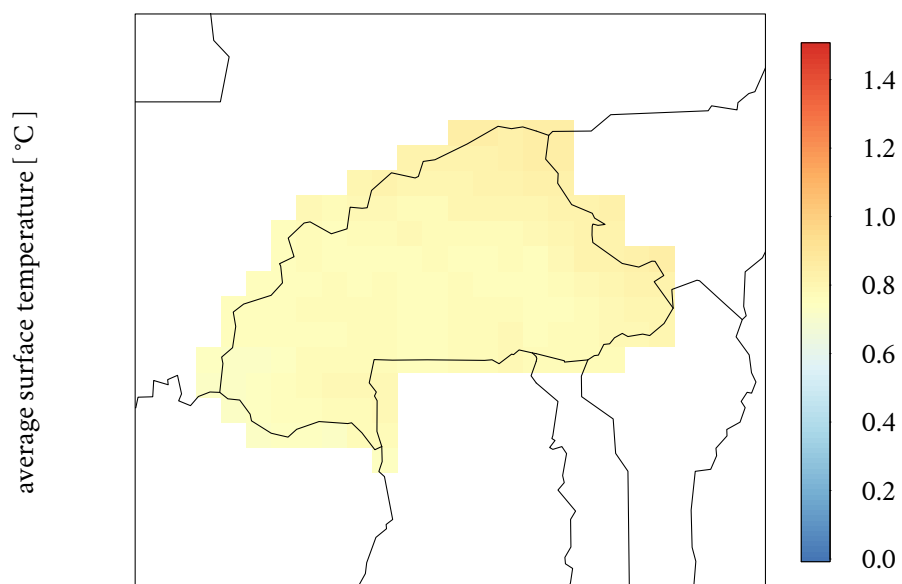
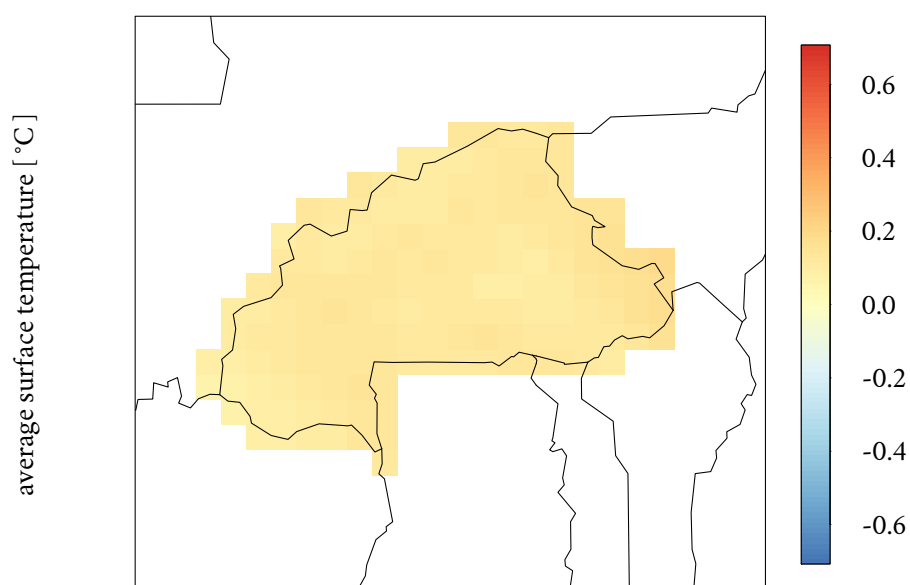


Figure 835: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.2 GCM CNRM-CERFACS-CNRM-CM5 / RCM CCLM4-8-17

Figure 836: Mean across years, RCP 8.5, 2020 .. 2049

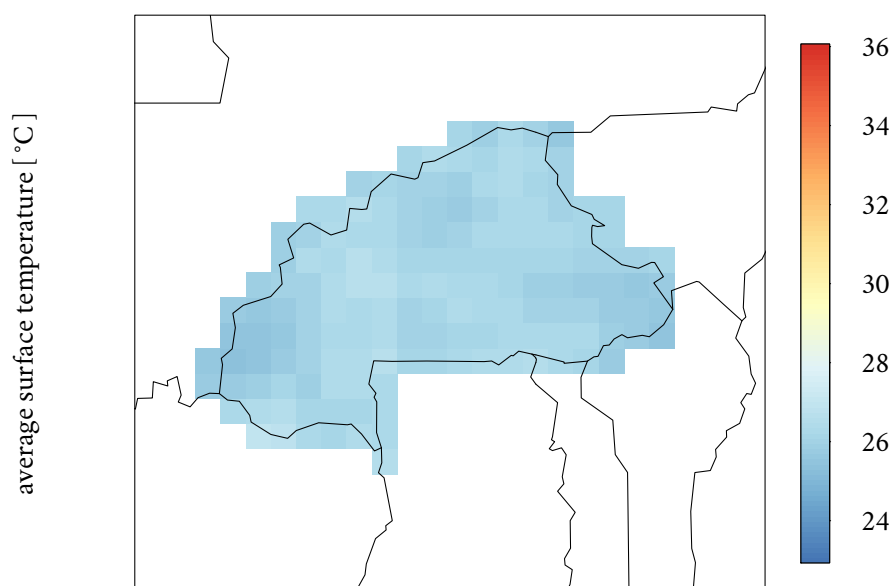


Figure 837: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

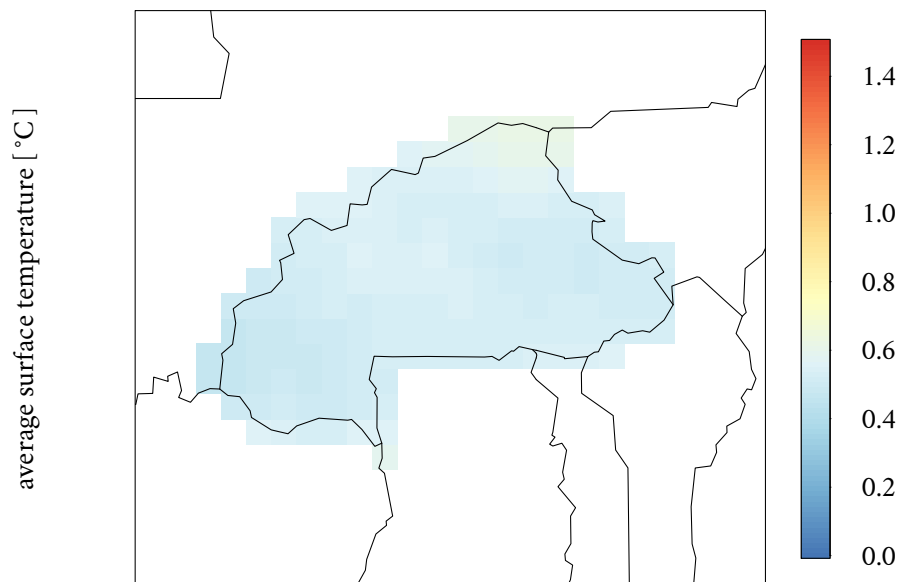


Figure 838: Mean across years, RCP 8.5, 2060 .. 2089

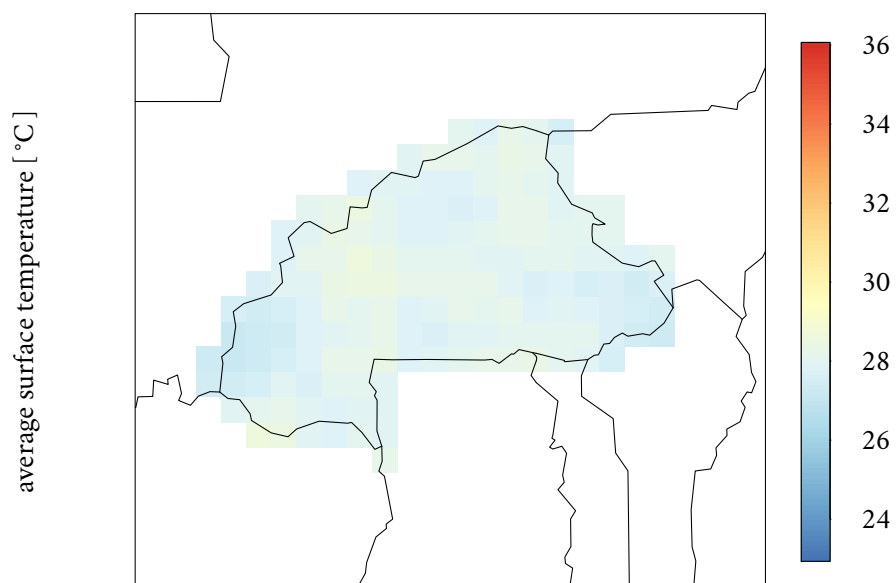


Figure 839: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

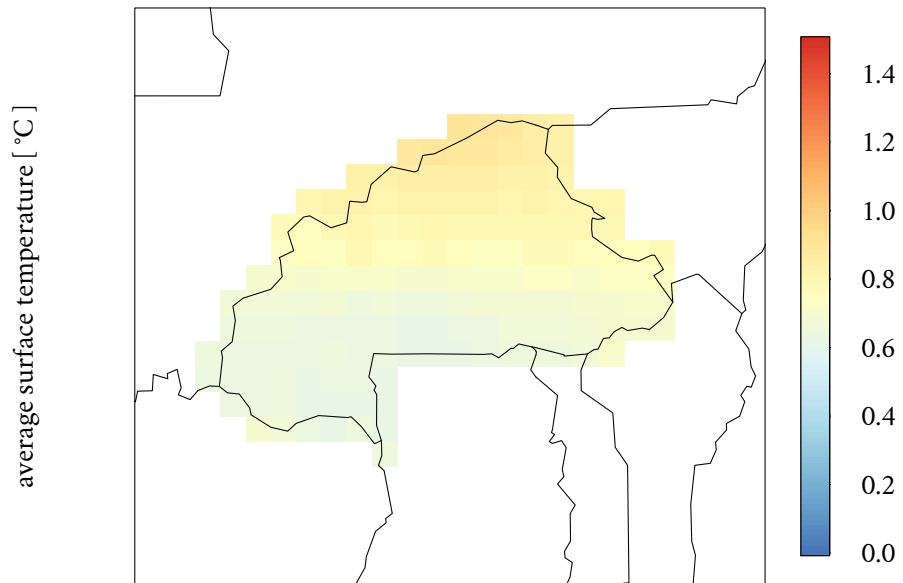
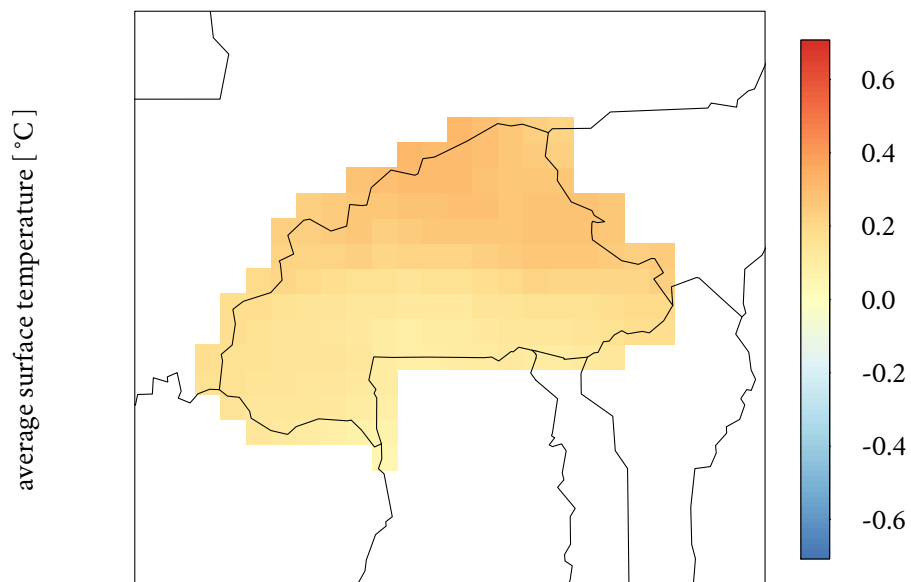


Figure 840: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.3 GCM CNRM-CERFACS-CNRM-CM5 / RCM RCA4

Figure 841: Mean across years, RCP 8.5, 2020 .. 2049

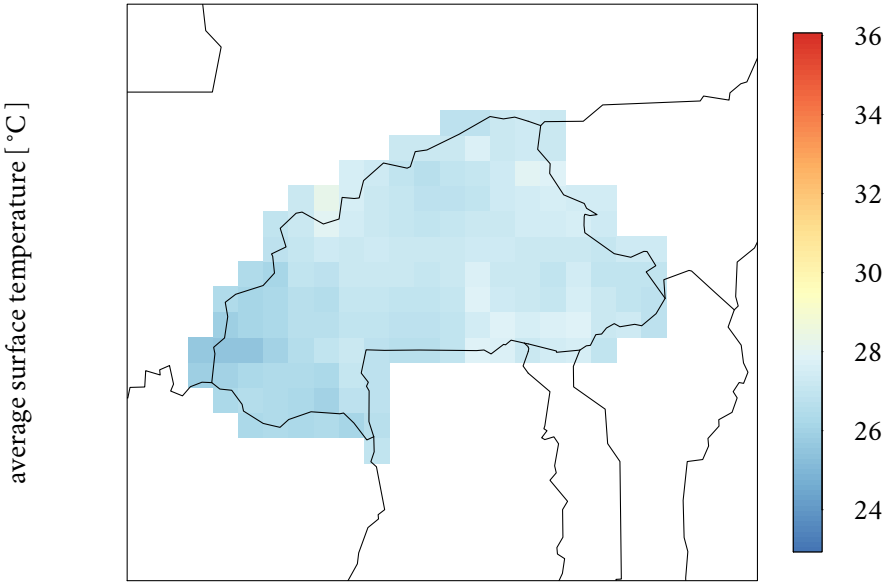


Figure 842: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

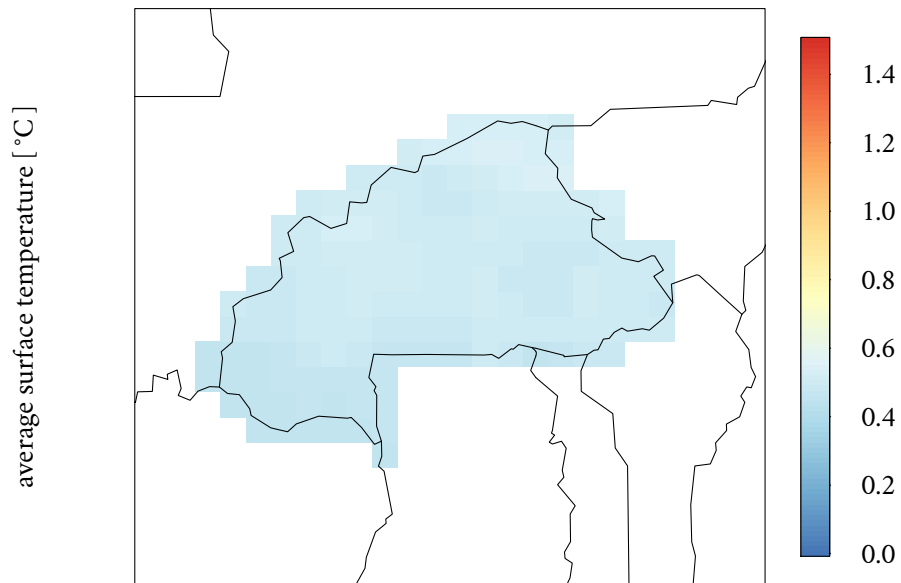


Figure 843: Mean across years, RCP 8.5, 2060 .. 2089

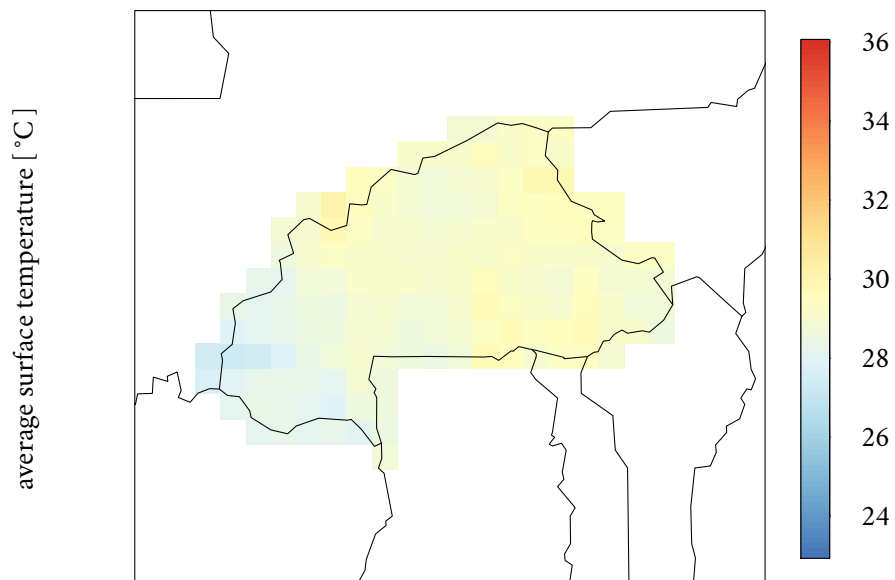


Figure 844: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

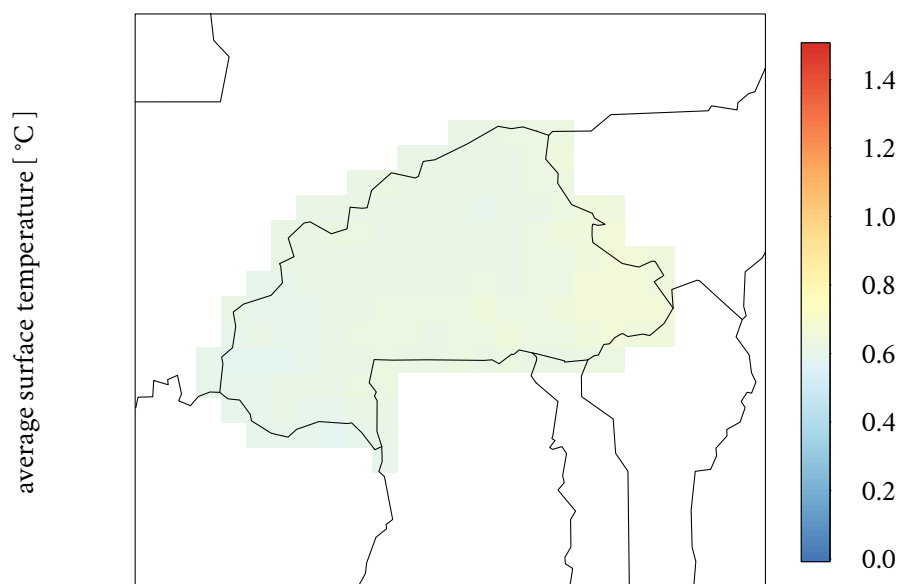
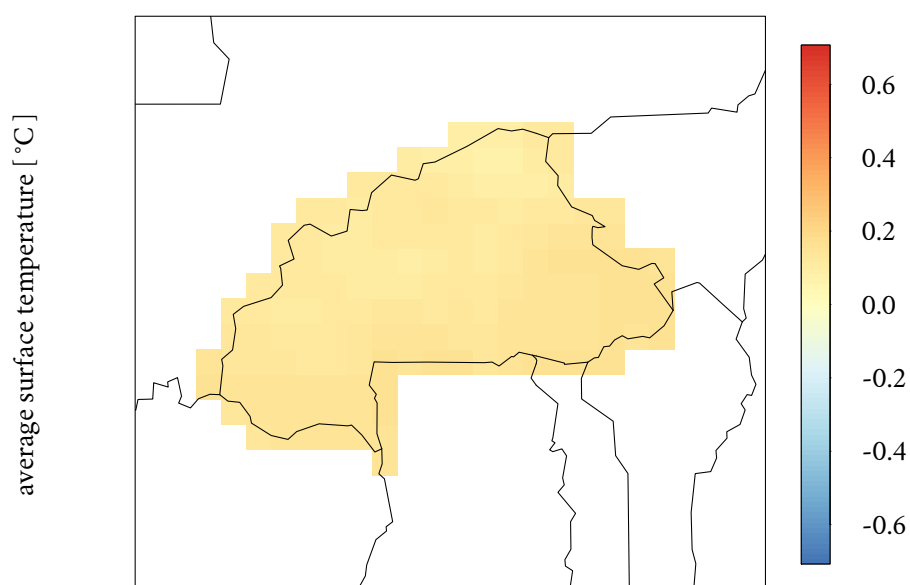


Figure 845: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.4 GCM CSIRO-QCCCE-CSIRO-Mk3-6-0 / RCM RCA4

Figure 846: Mean across years, RCP 8.5, 2020 .. 2049

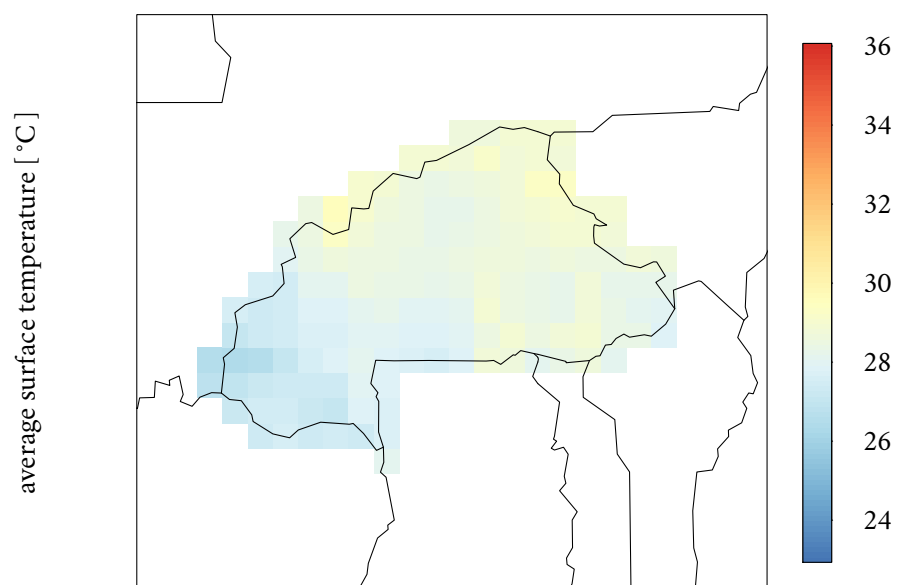


Figure 847: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

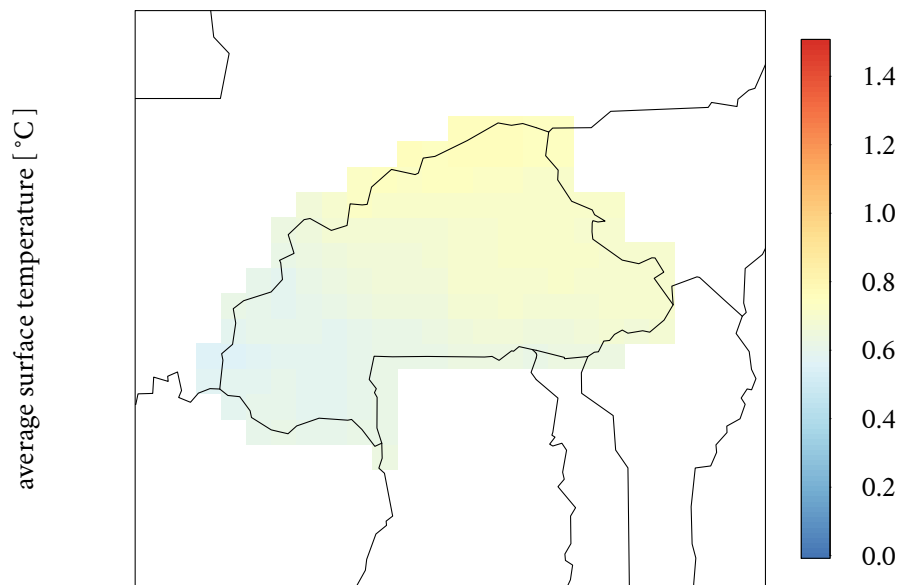


Figure 848: Mean across years, RCP 8.5, 2060 .. 2089

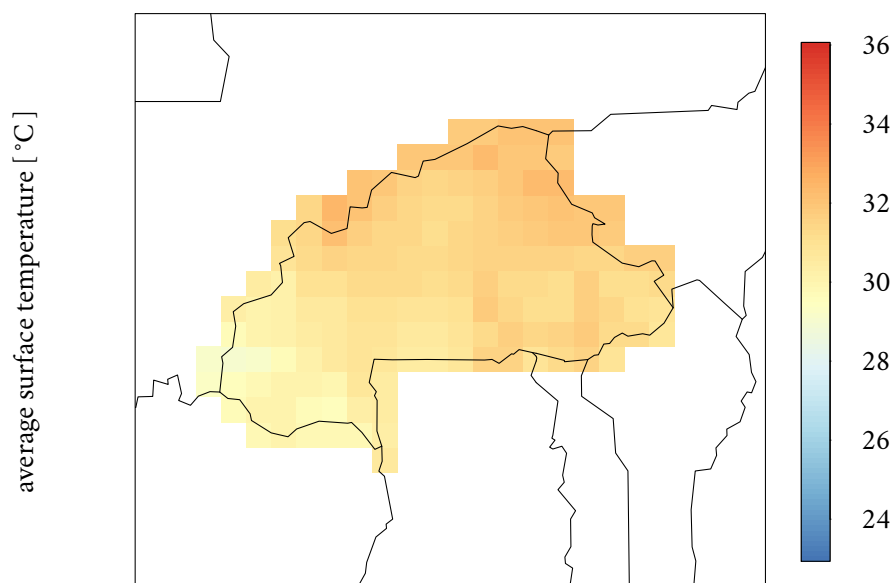


Figure 849: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

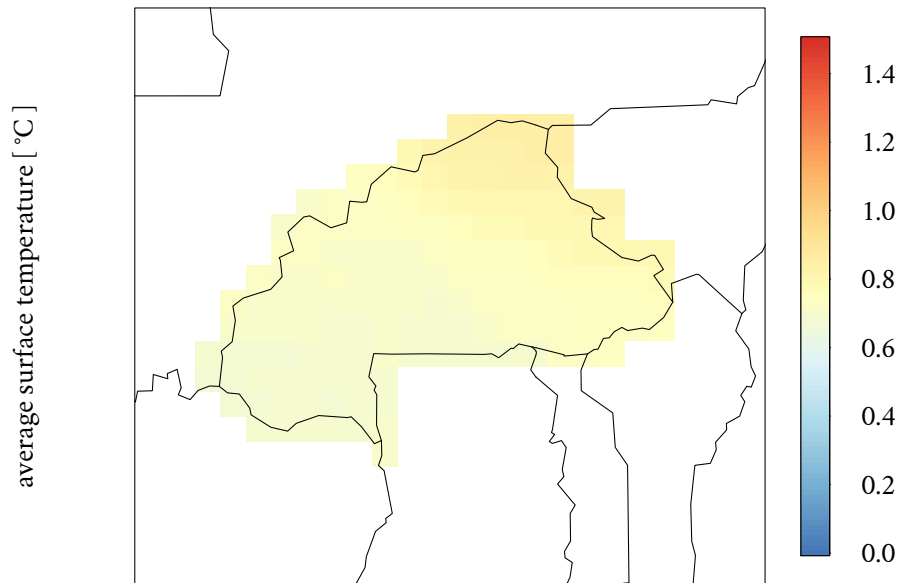
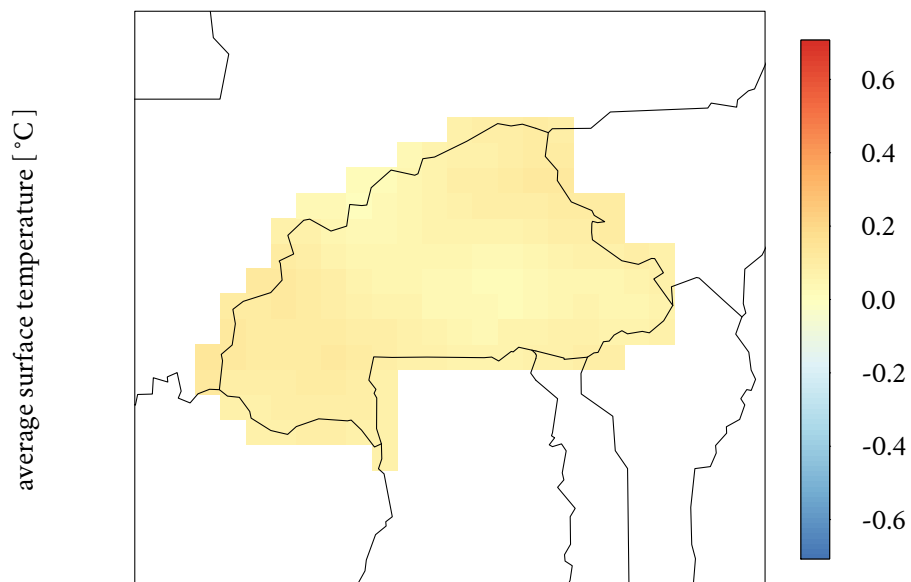


Figure 850: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.5 GCM ICHEC-EC-EARTH / RCM RACMO22T

Figure 851: Mean across years, RCP 8.5, 2020 .. 2049

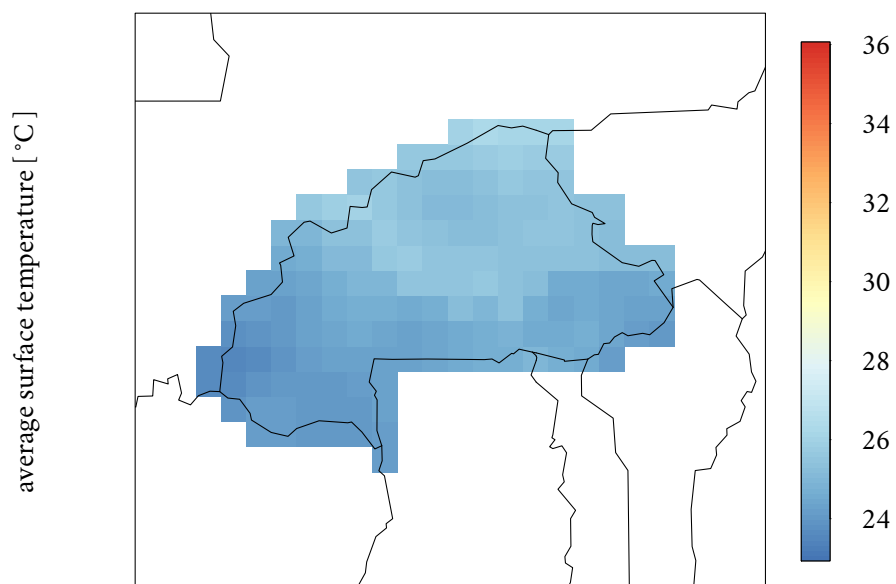


Figure 852: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

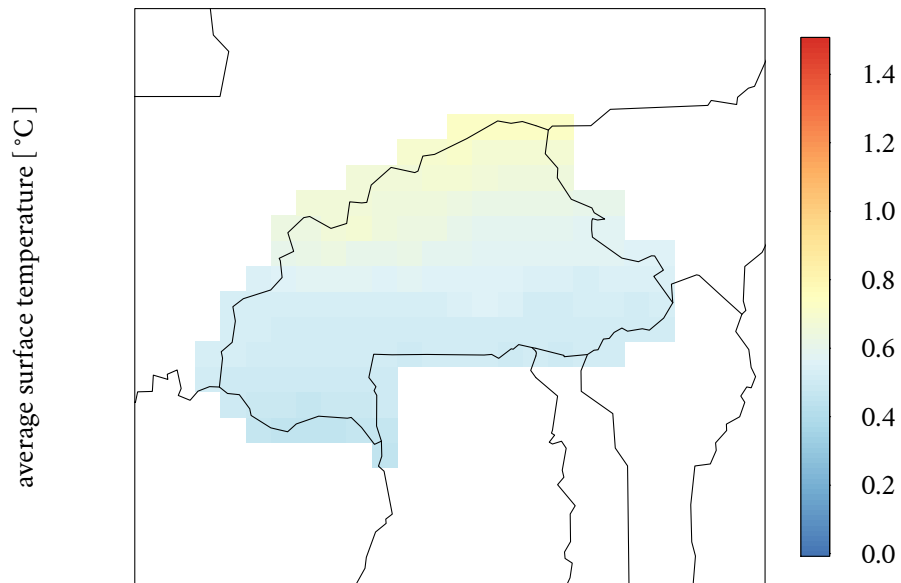


Figure 853: Mean across years, RCP 8.5, 2060 .. 2089

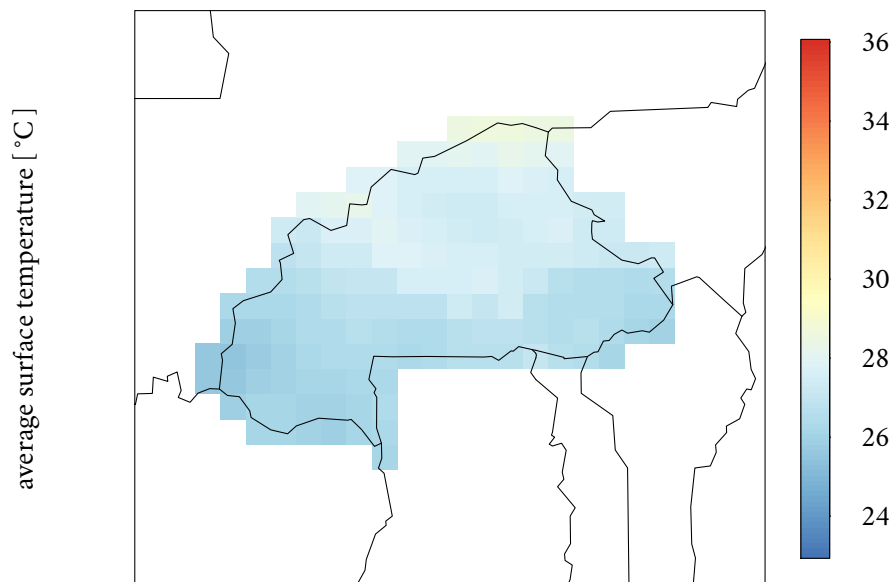


Figure 854: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

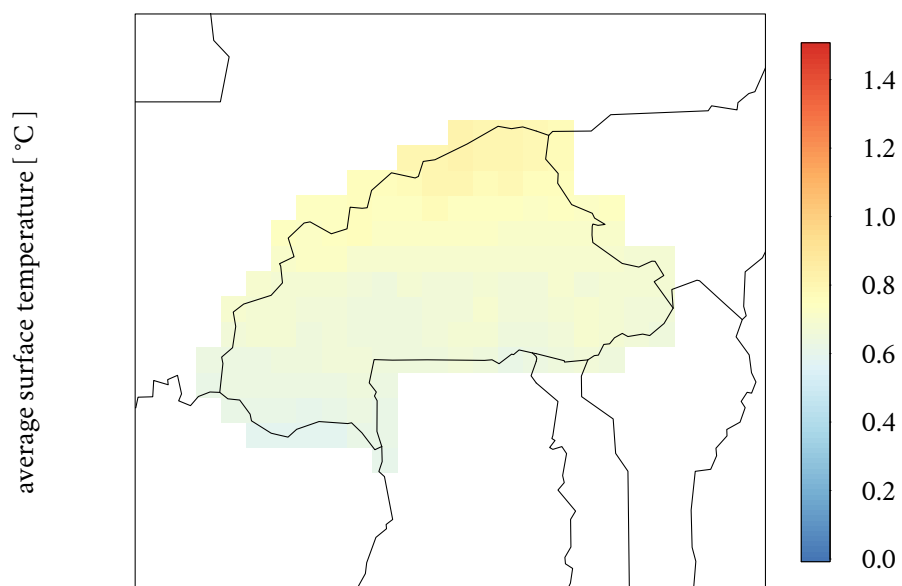
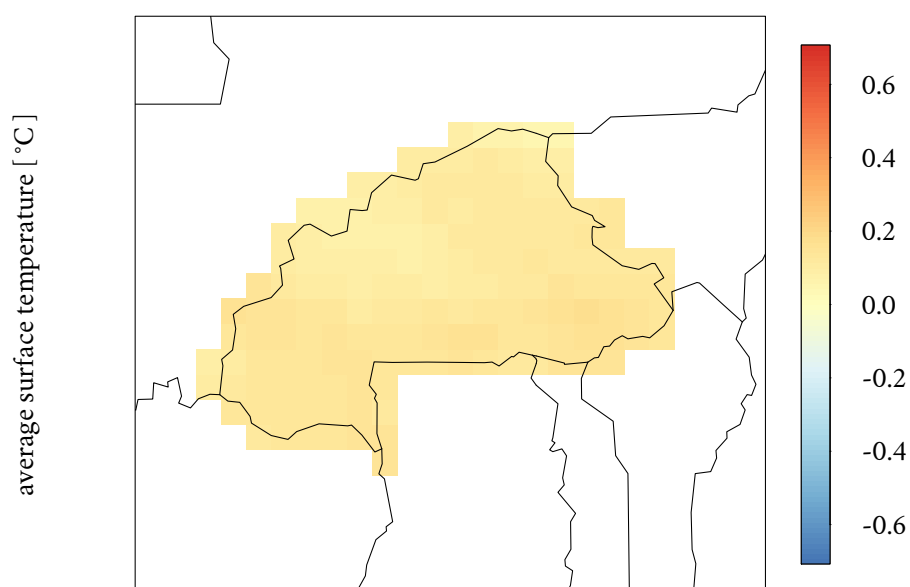


Figure 855: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.6 GCM ICHEC-EC-EARTH / RCM RCA4

Figure 856: Mean across years, RCP 8.5, 2020 .. 2049

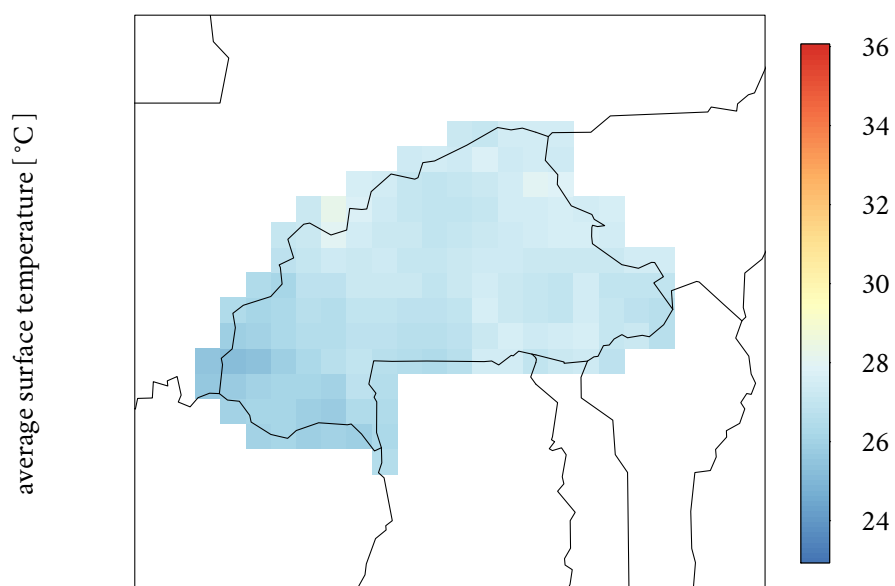


Figure 857: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

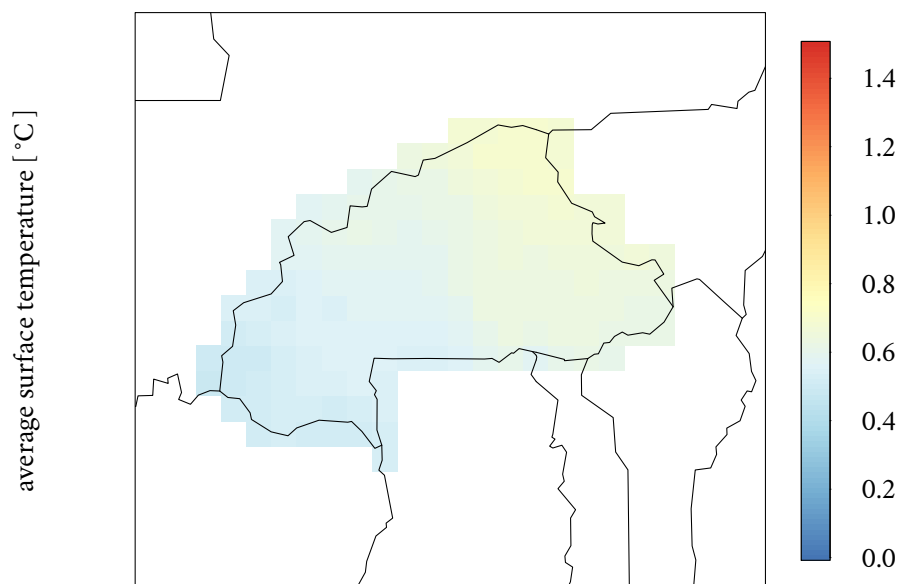


Figure 858: Mean across years, RCP 8.5, 2060 .. 2089

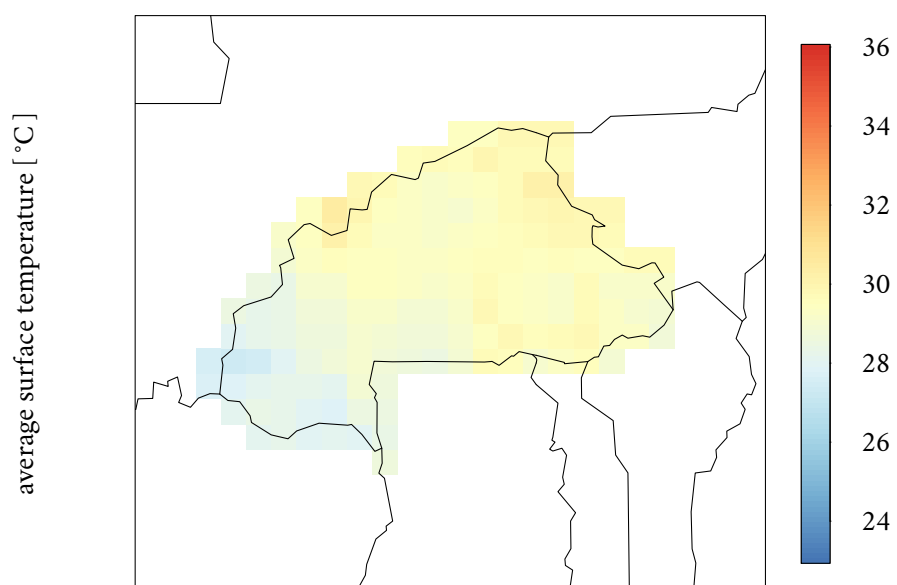


Figure 859: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

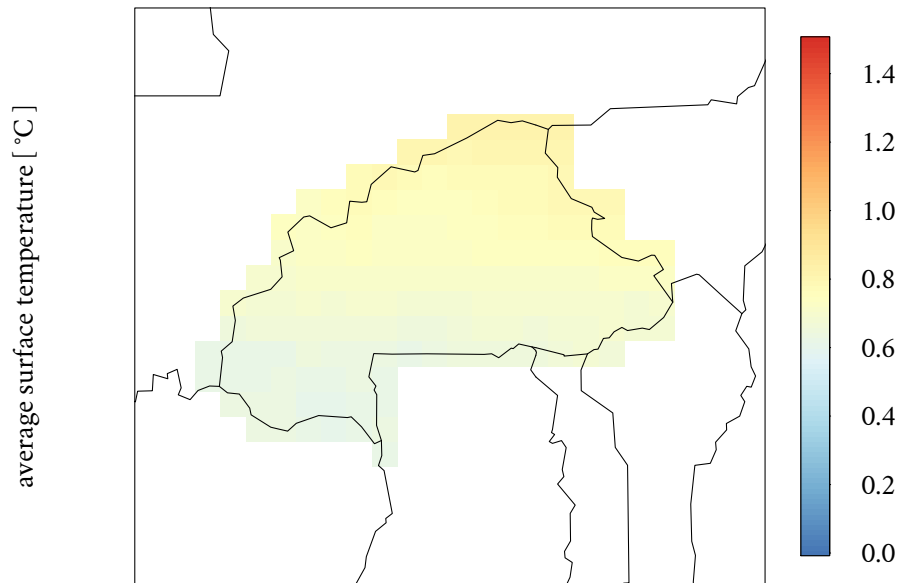
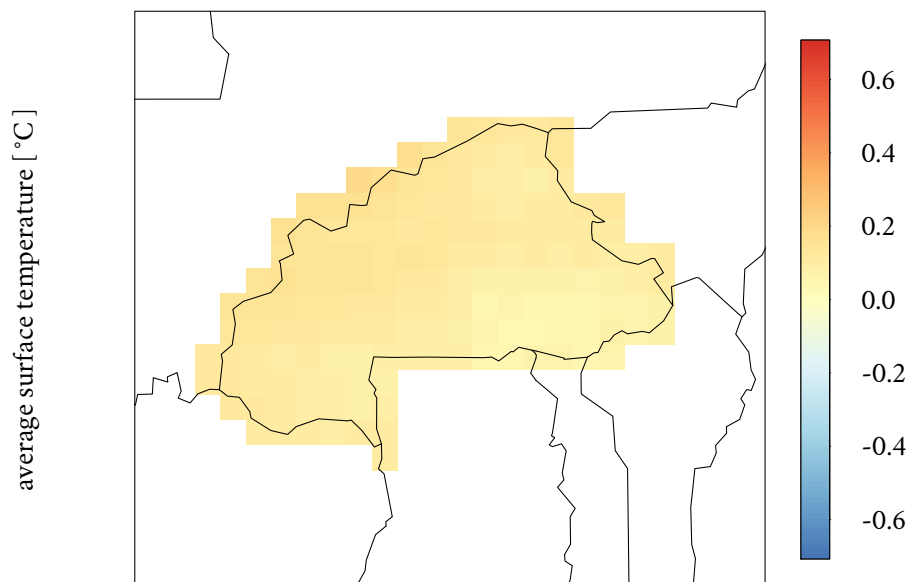


Figure 860: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.7 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 861: Mean across years, RCP 8.5, 2020 .. 2049

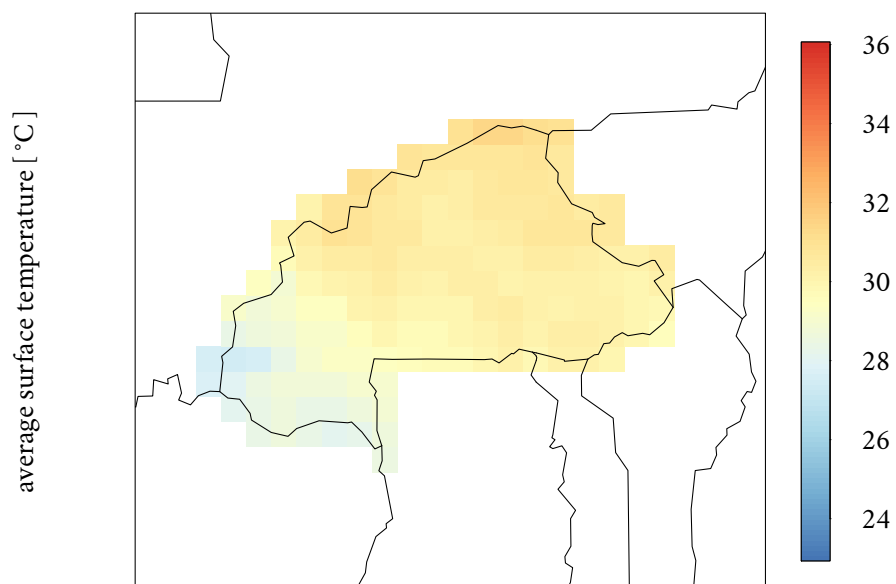


Figure 862: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

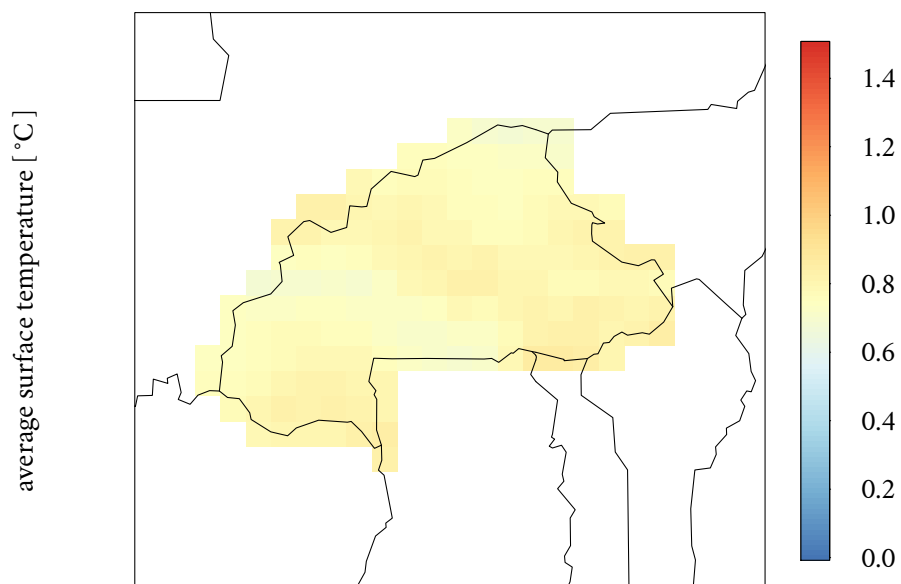


Figure 863: Mean across years, RCP 8.5, 2060 .. 2089

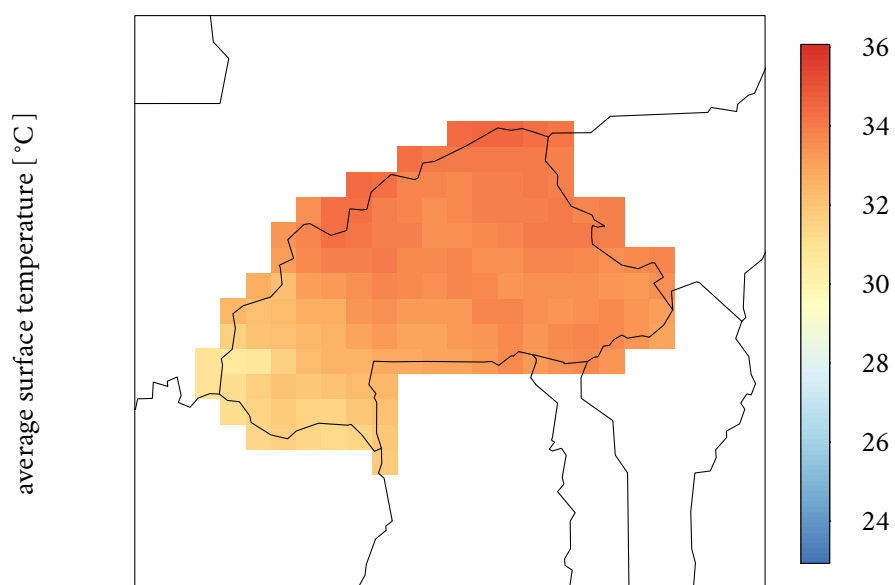


Figure 864: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

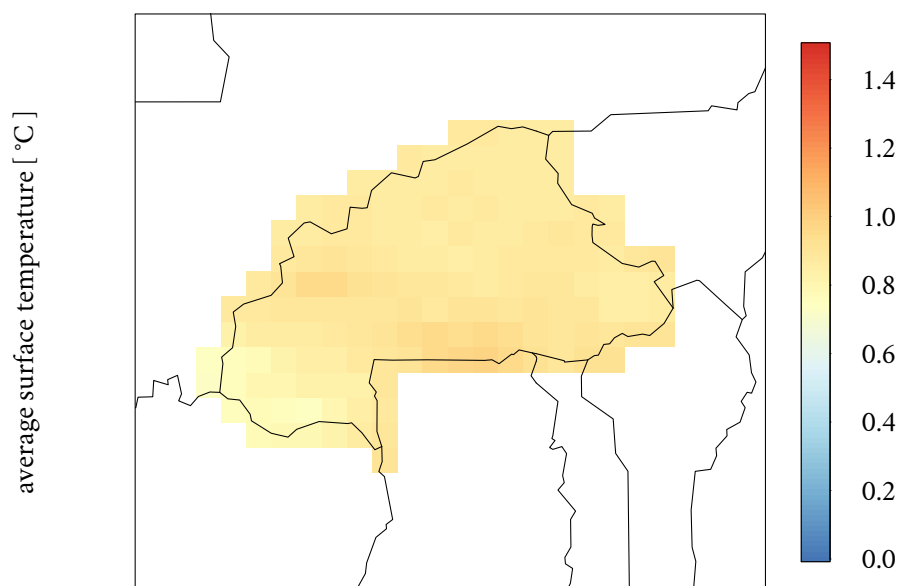
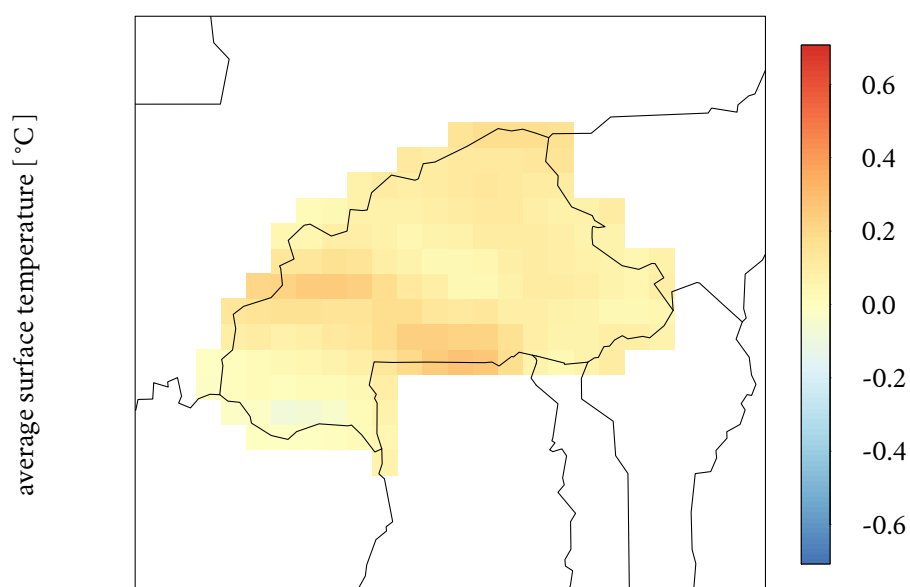


Figure 865: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.8 GCM IPSL-IPSL-CM5A-MR / RCM RCA4

Figure 866: Mean across years, RCP 8.5, 2020 .. 2049

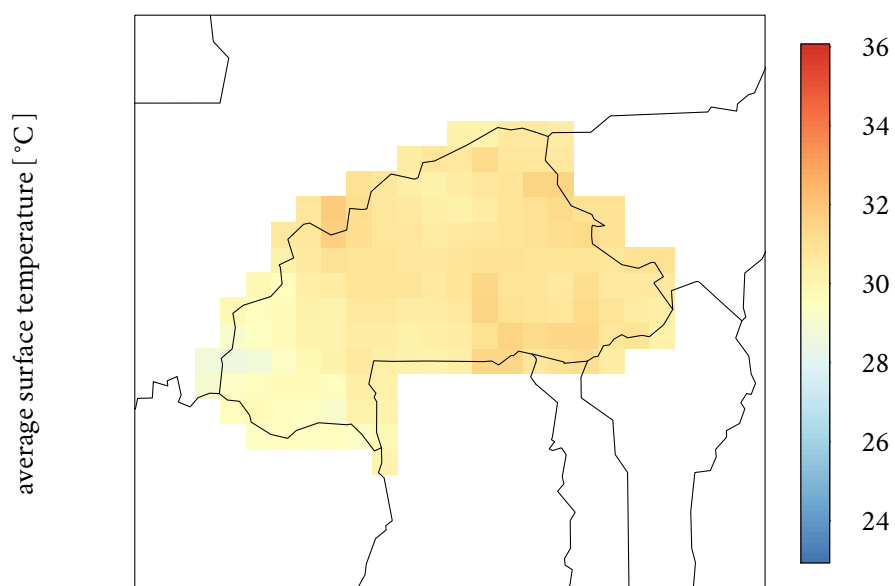


Figure 867: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

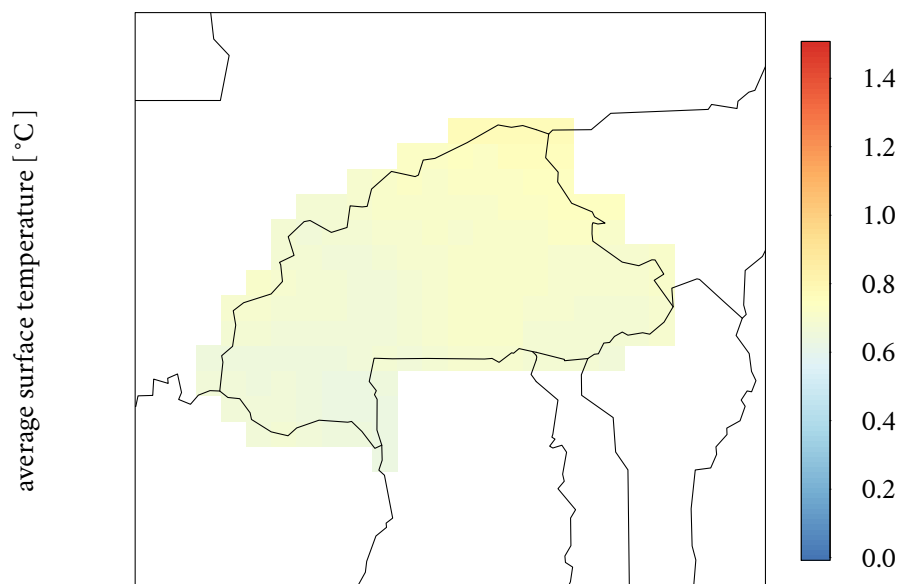


Figure 868: Mean across years, RCP 8.5, 2060 .. 2089

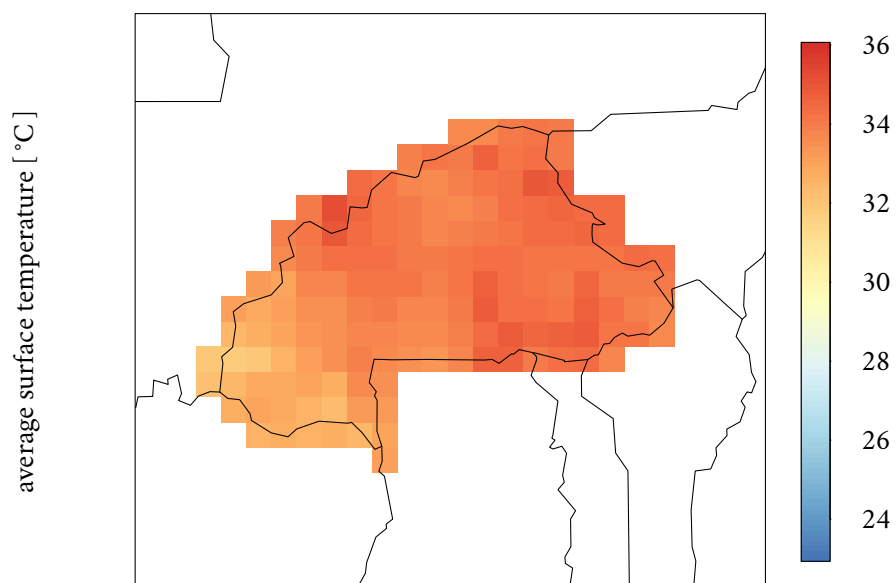


Figure 869: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

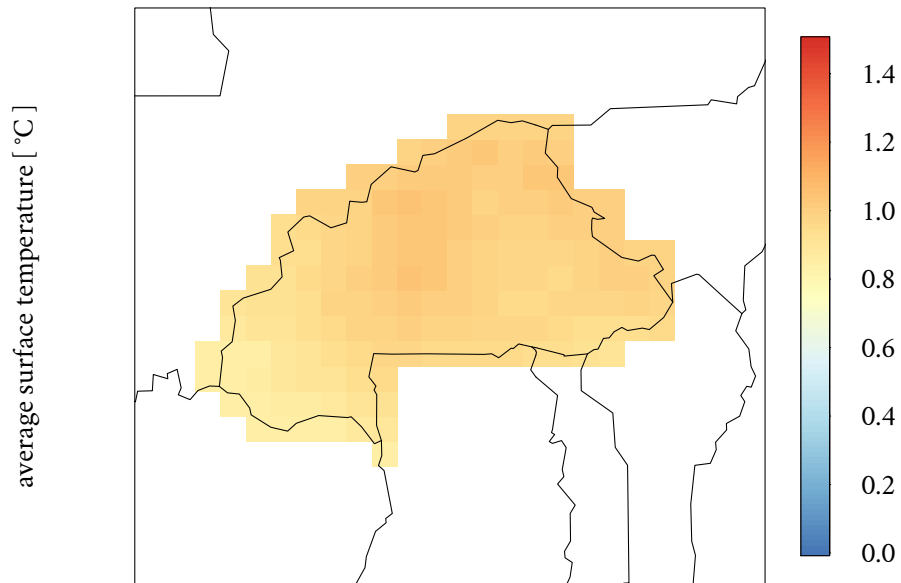
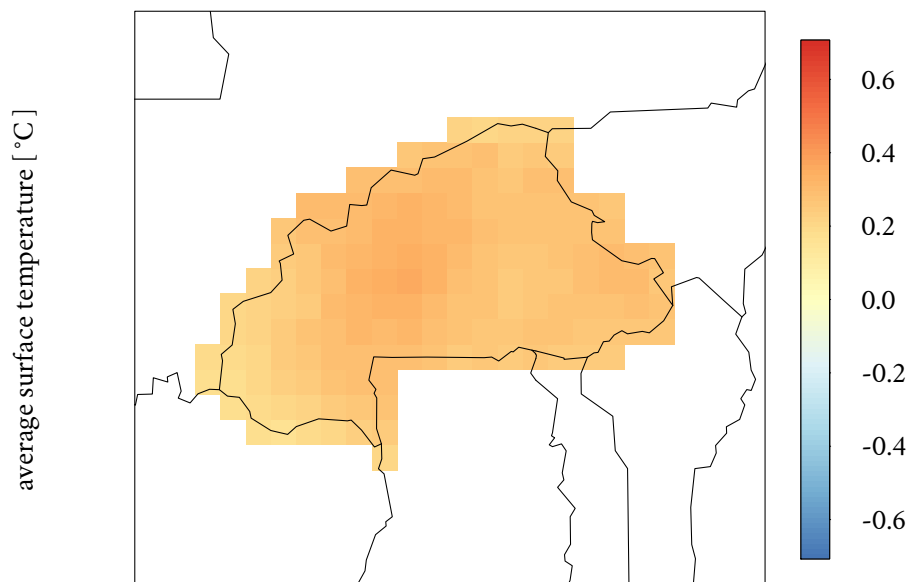


Figure 870: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.9 GCM MIROC-MIROC5 / RCM RCA4

Figure 871: Mean across years, RCP 8.5, 2020 .. 2049

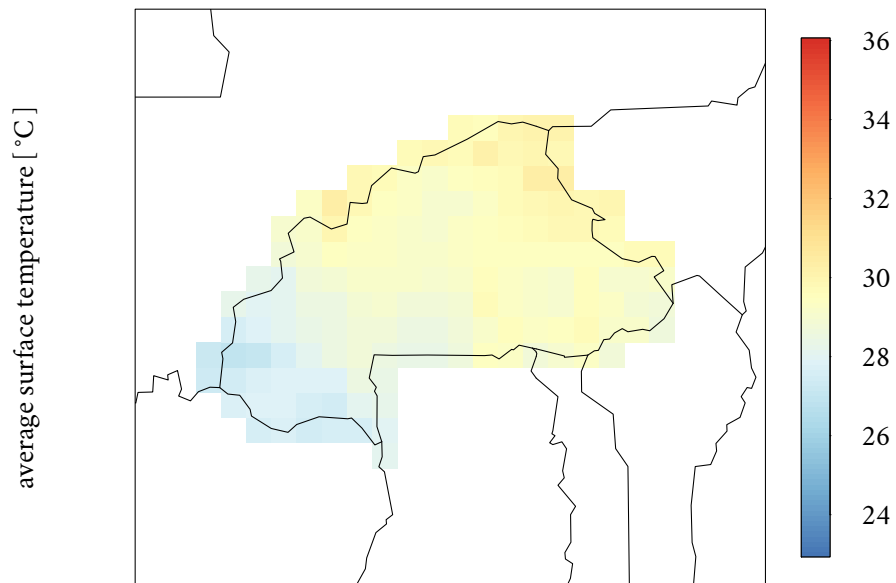


Figure 872: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

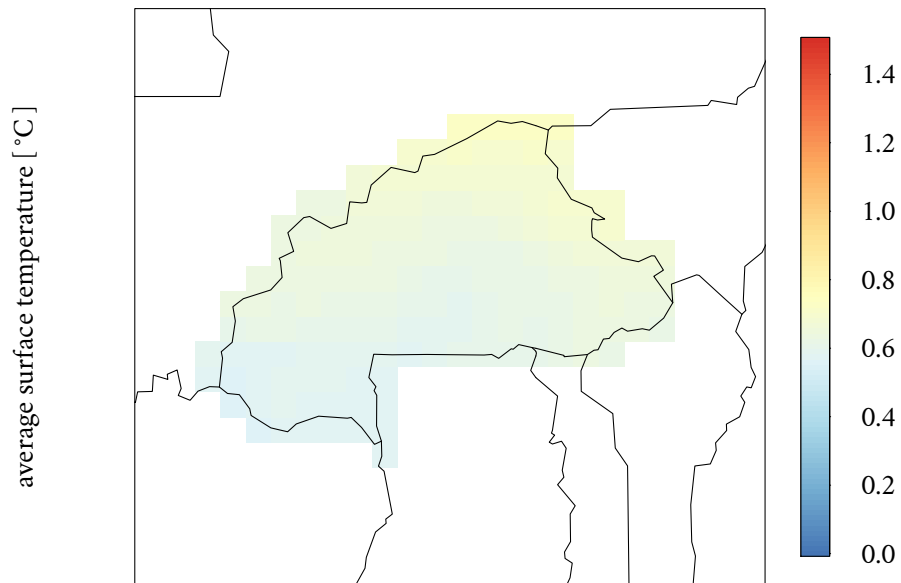


Figure 873: Mean across years, RCP 8.5, 2060 .. 2089

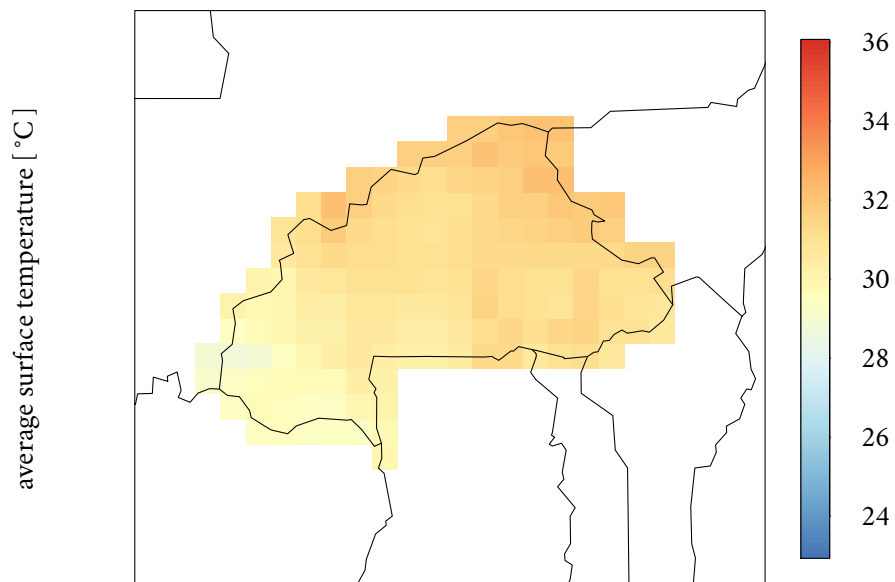


Figure 874: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

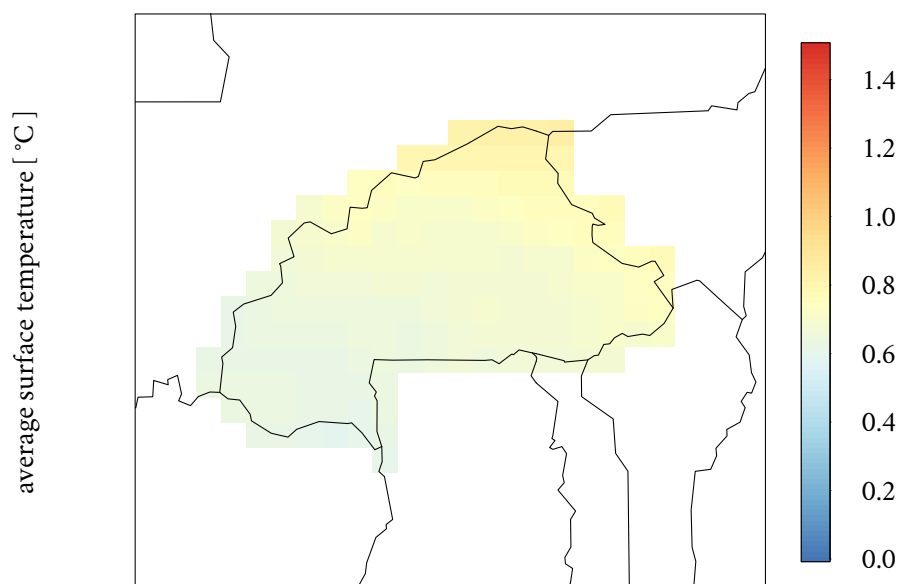
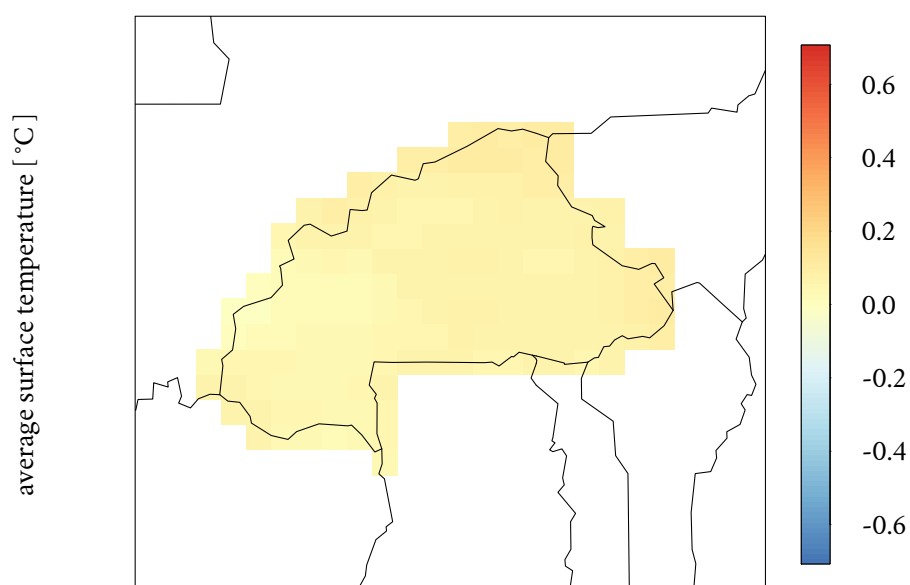


Figure 875: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.10 GCM MIROC-MIROC5 / RCM REMO2009

Figure 876: Mean across years, RCP 8.5, 2020 .. 2049

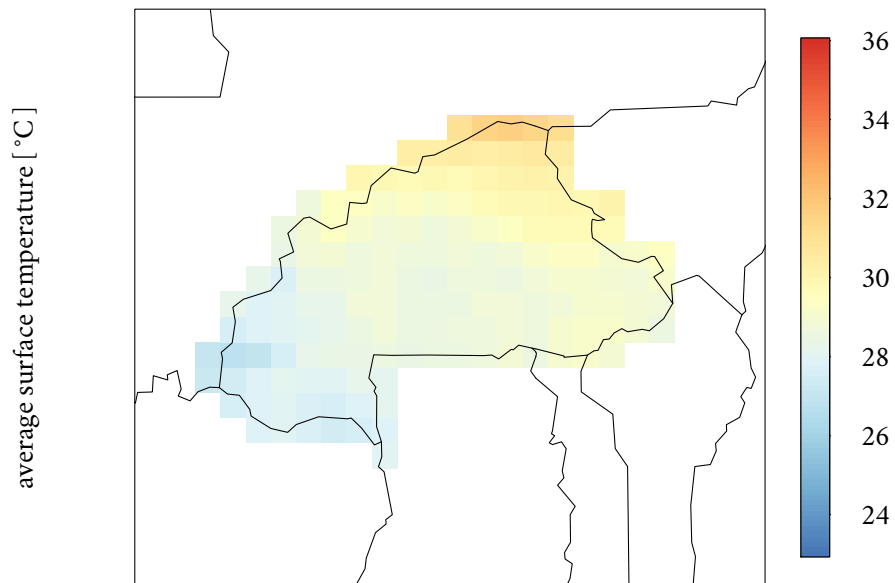


Figure 877: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

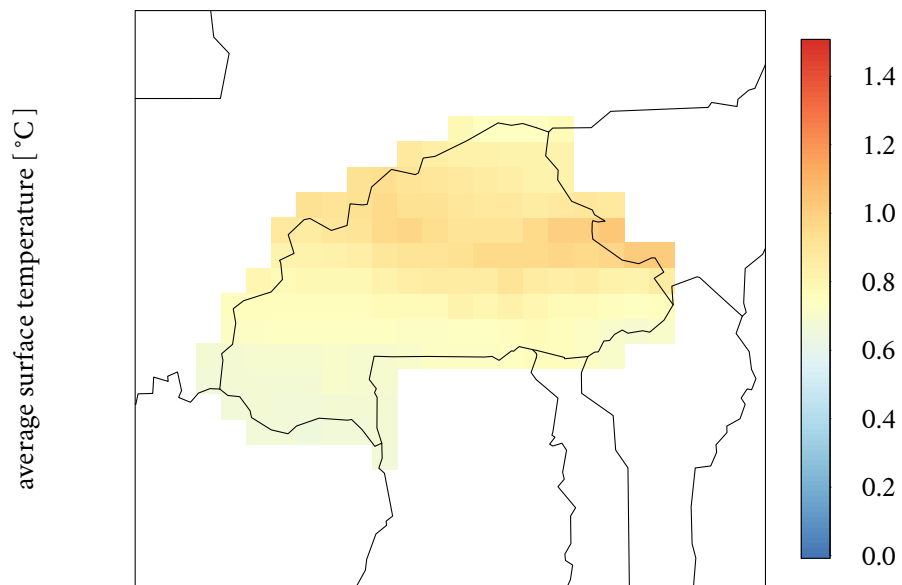


Figure 878: Mean across years, RCP 8.5, 2060 .. 2089

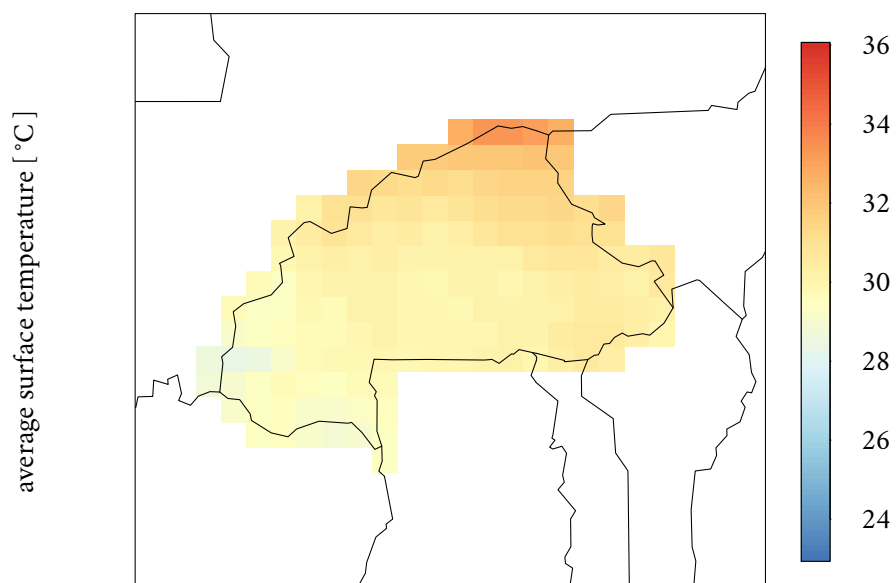


Figure 879: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

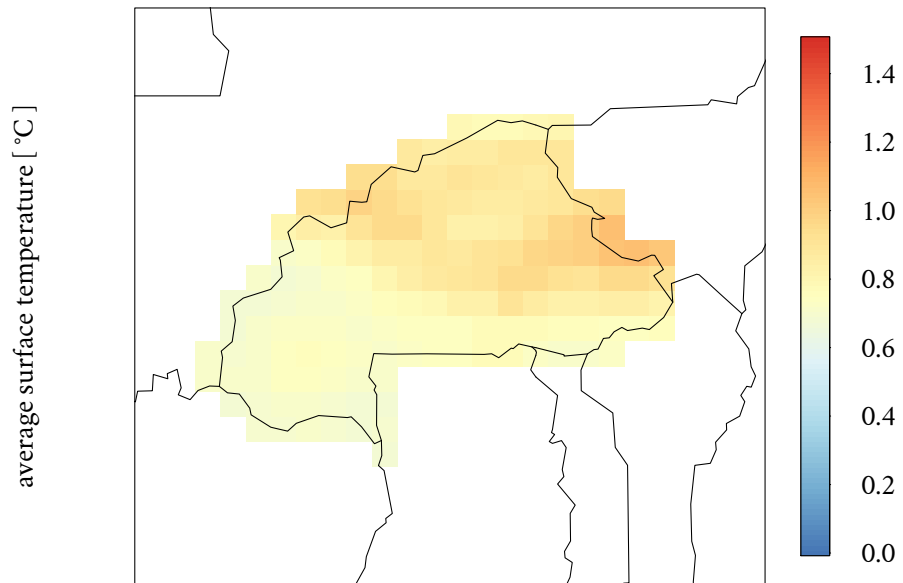
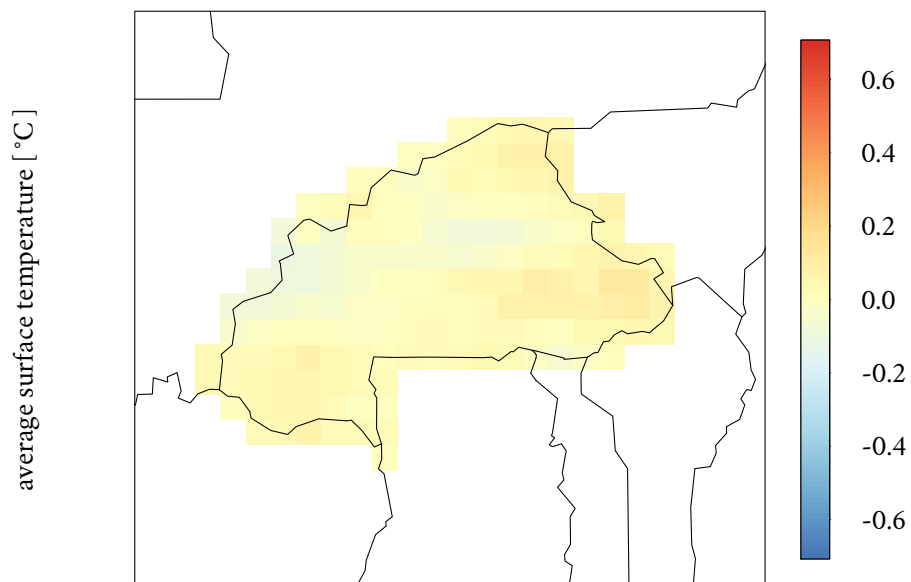


Figure 880: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.11 GCM MOHC-HadGEM2-ES / RCM CCLM4-8-17

Figure 881: Mean across years, RCP 8.5, 2020 .. 2049

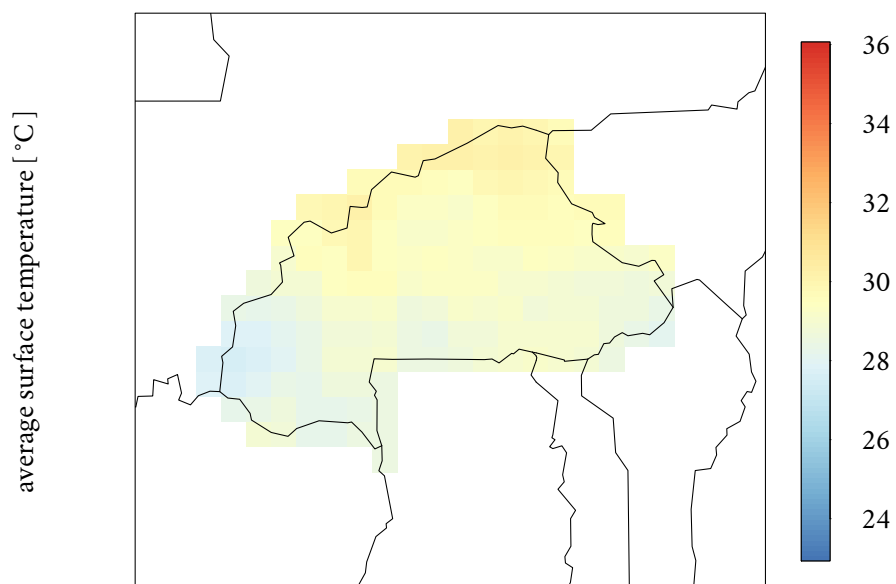


Figure 882: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

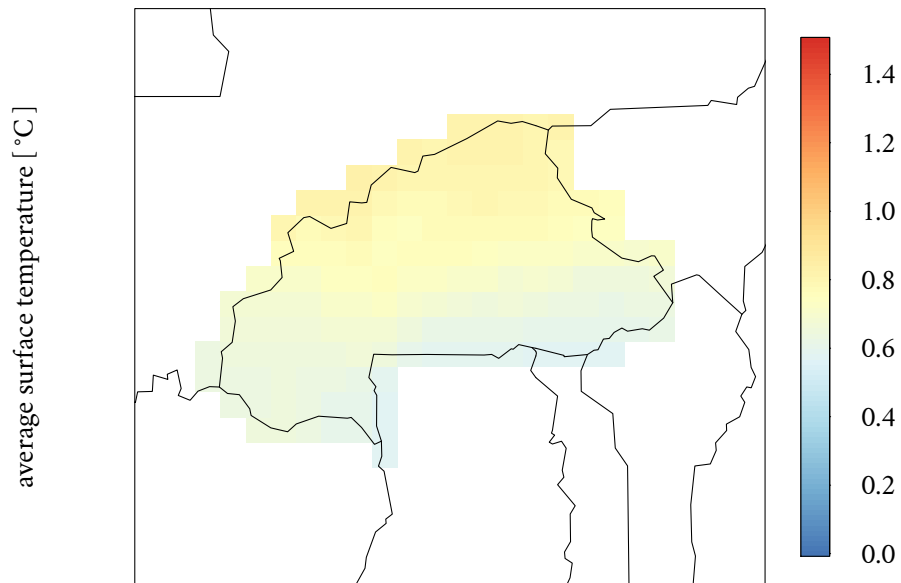


Figure 883: Mean across years, RCP 8.5, 2060 .. 2089

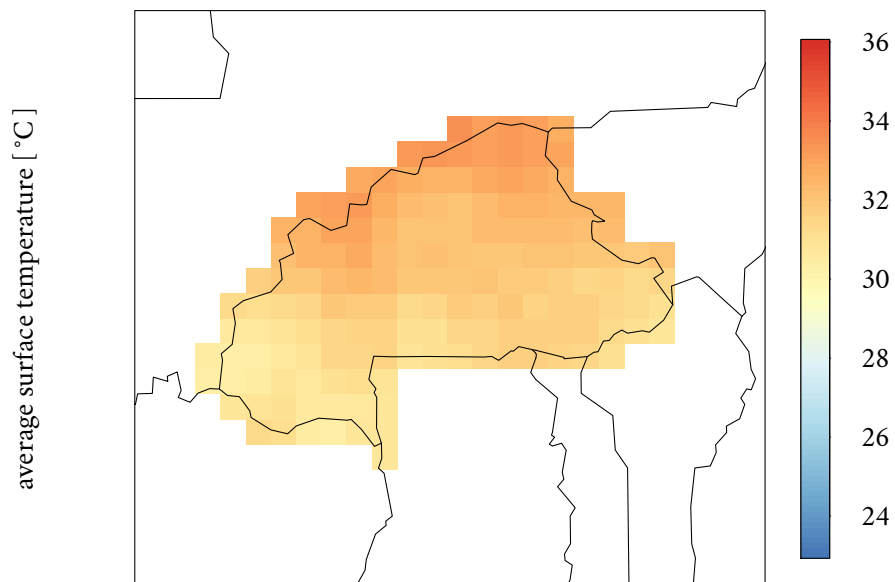


Figure 884: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

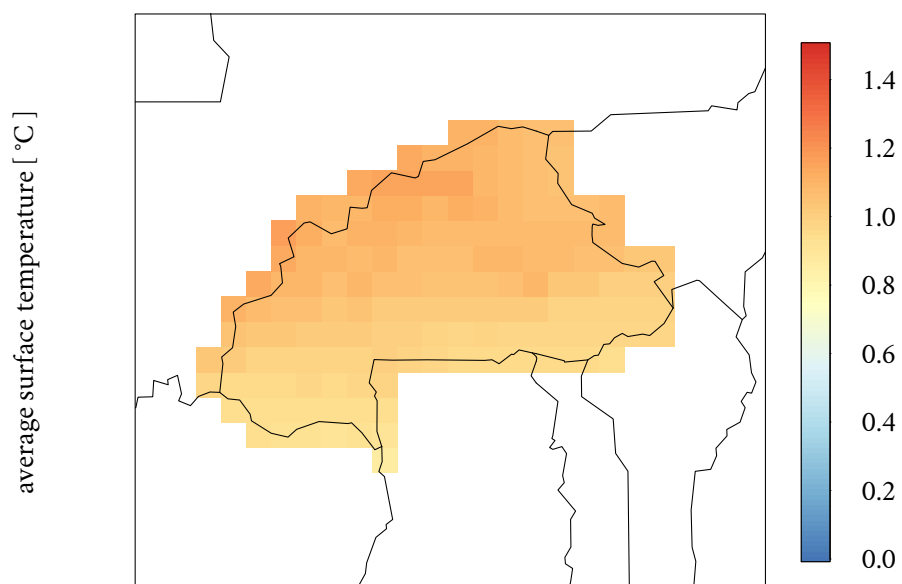
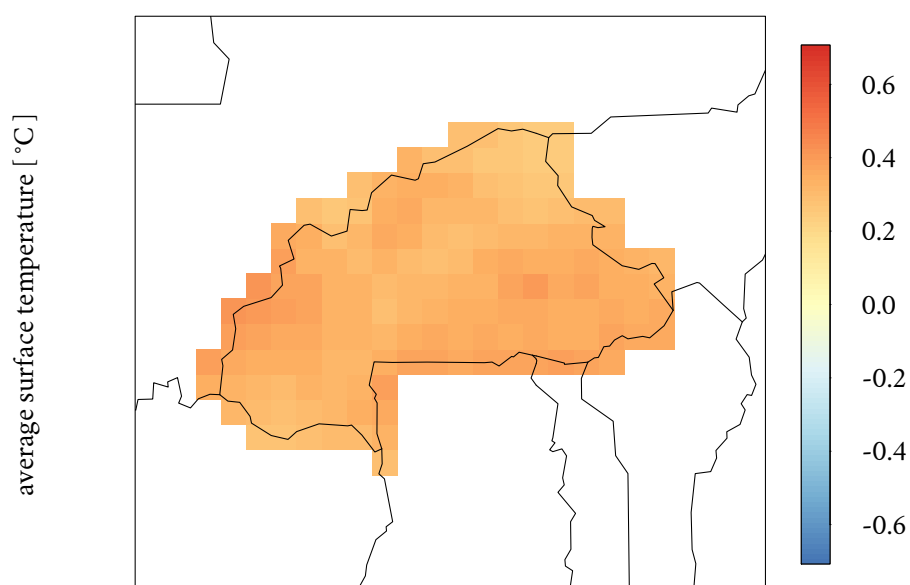


Figure 885: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.12 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 886: Mean across years, RCP 8.5, 2020 .. 2049

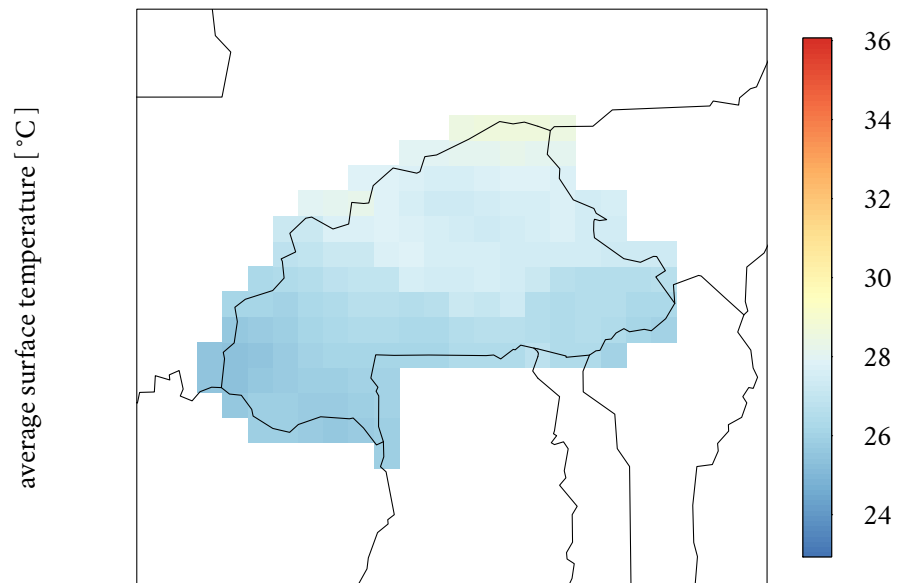


Figure 887: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

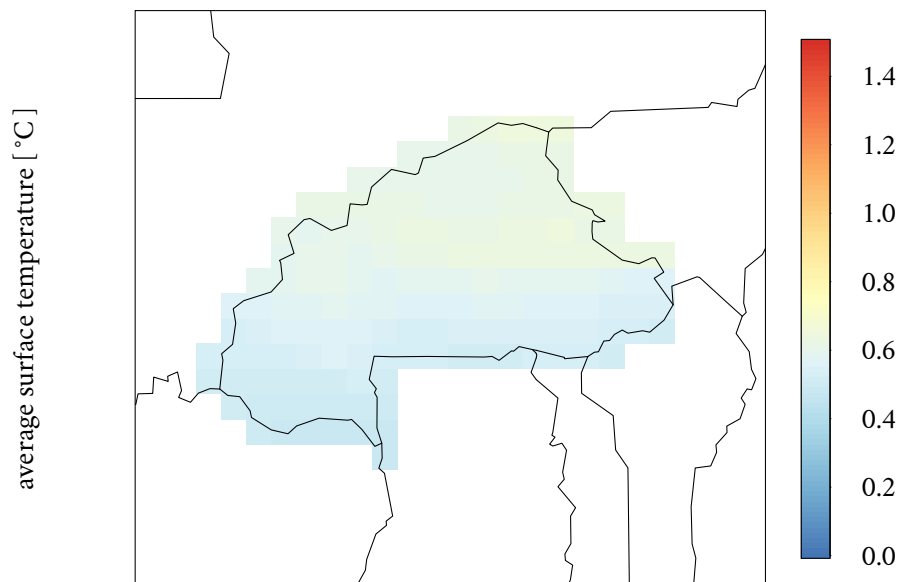


Figure 888: Mean across years, RCP 8.5, 2060 .. 2089

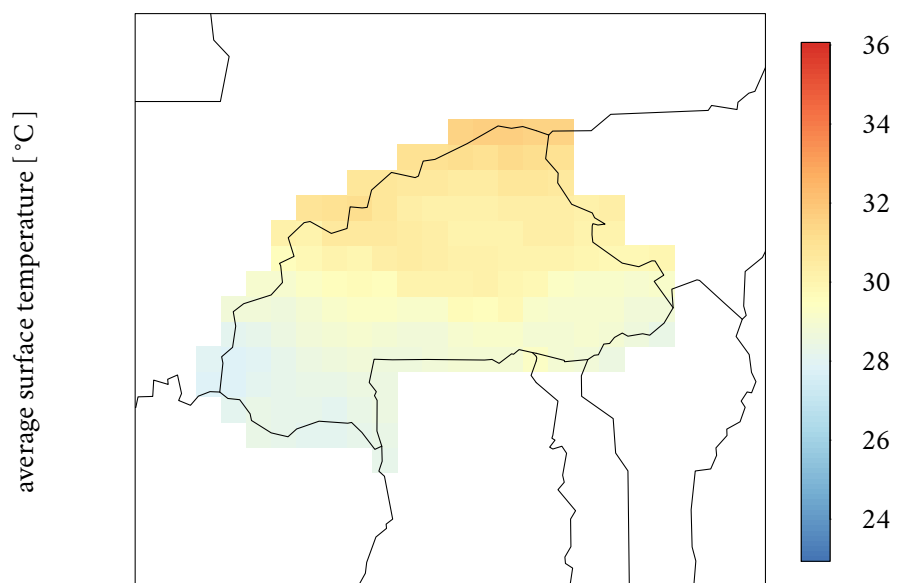


Figure 889: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

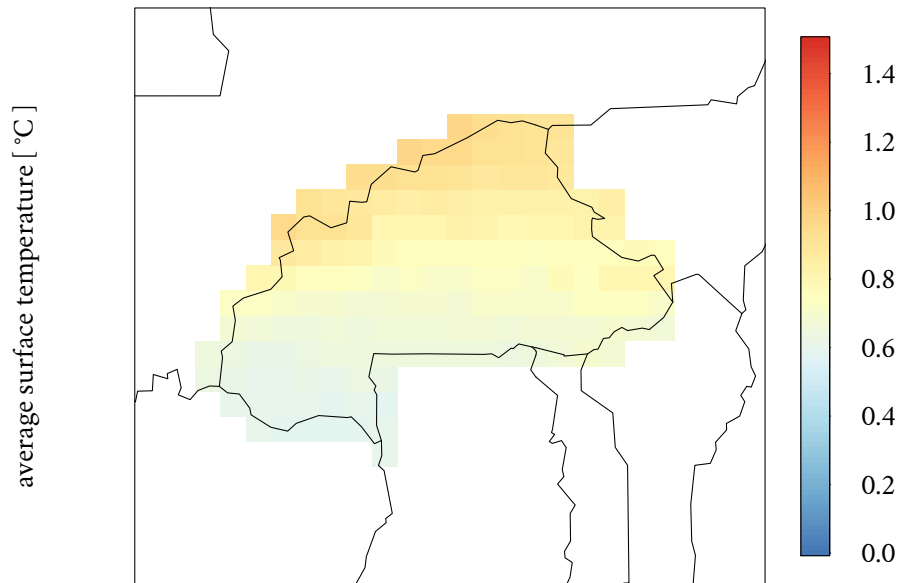
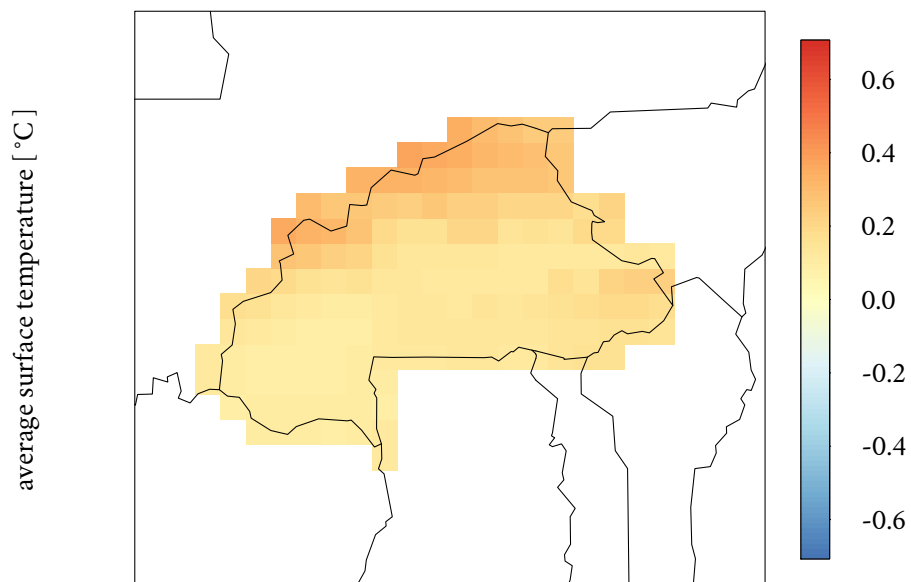


Figure 890: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.13 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 891: Mean across years, RCP 8.5, 2020 .. 2049

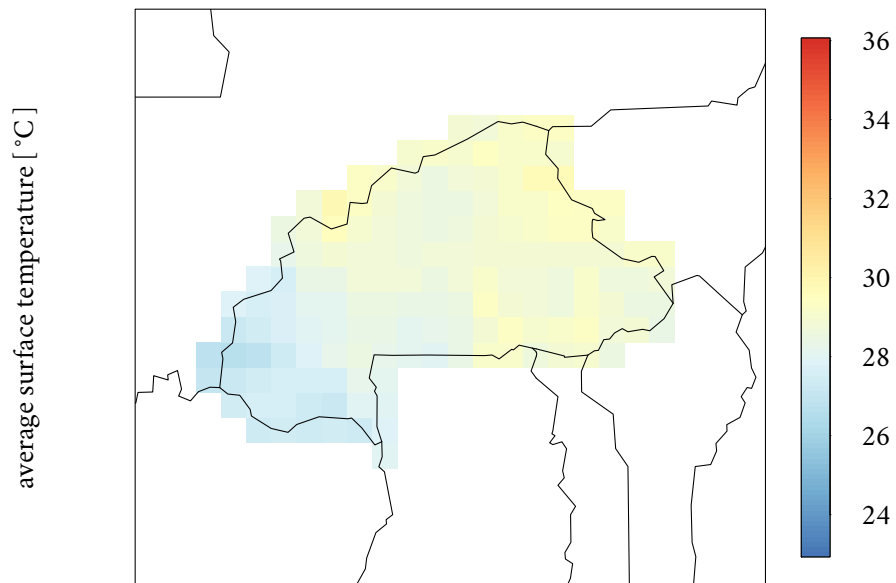


Figure 892: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

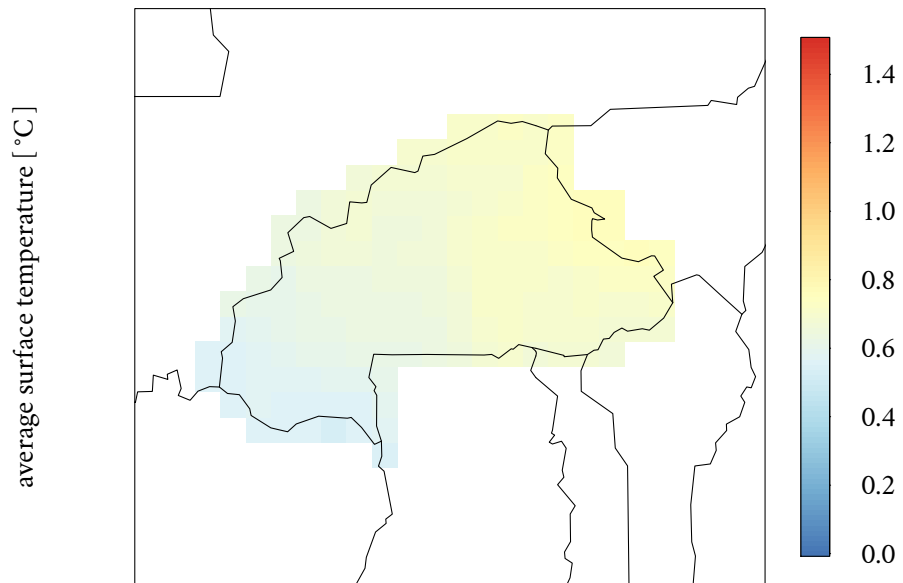


Figure 893: Mean across years, RCP 8.5, 2060 .. 2089

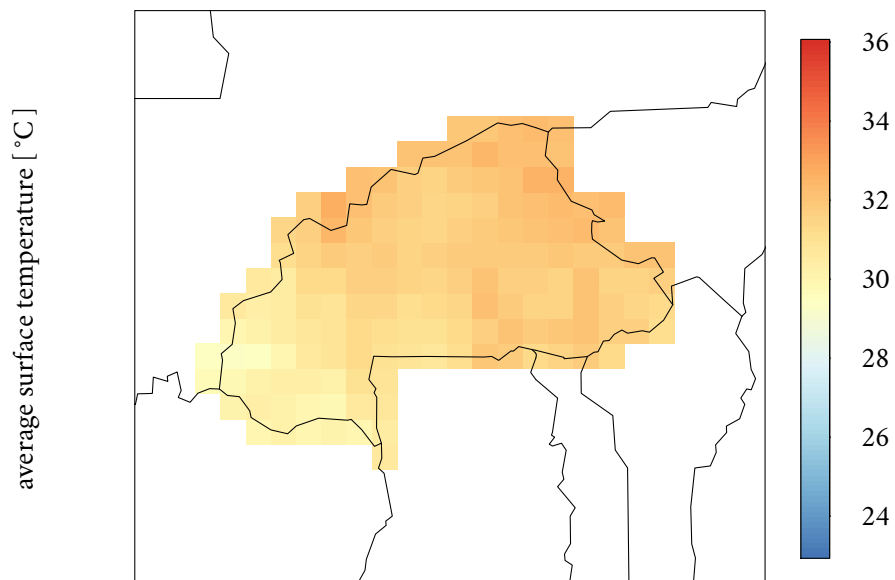


Figure 894: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

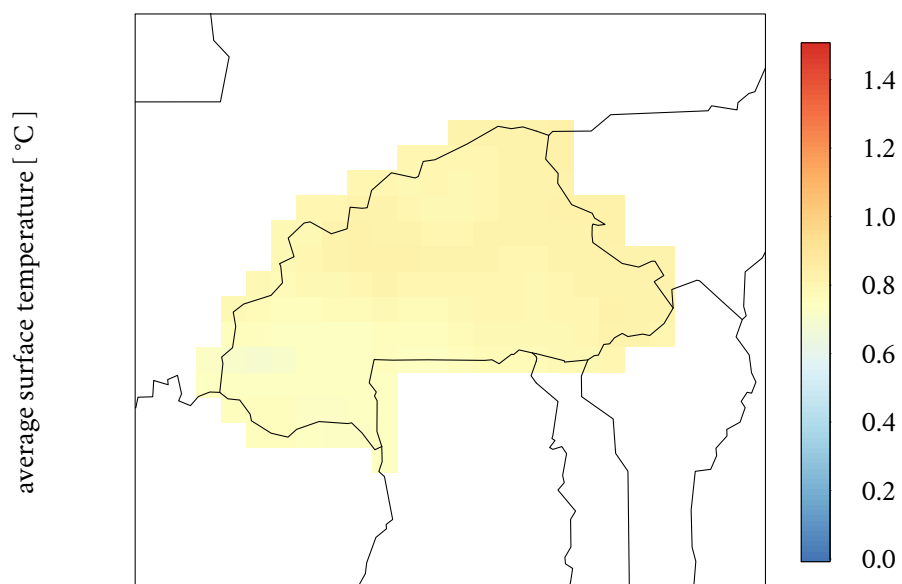
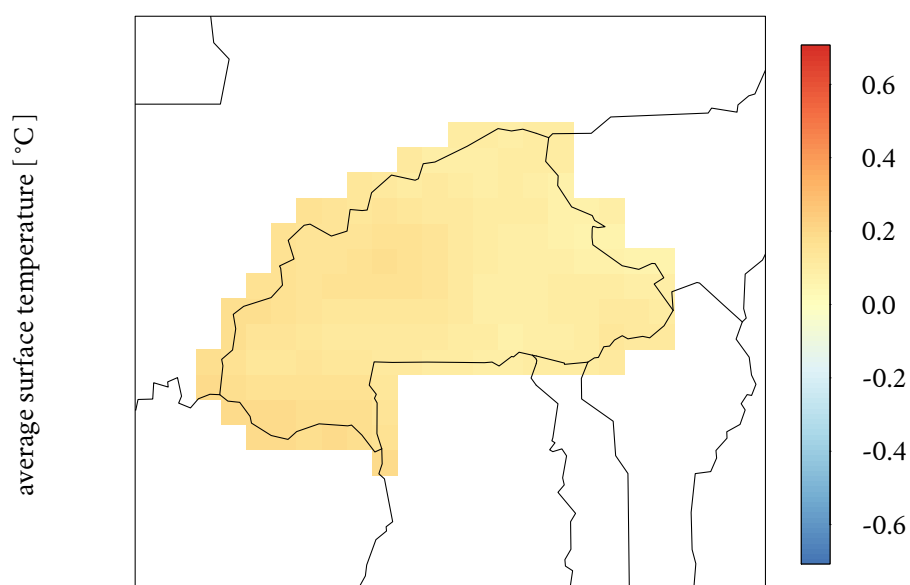


Figure 895: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.14 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 896: Mean across years, RCP 8.5, 2020 .. 2049

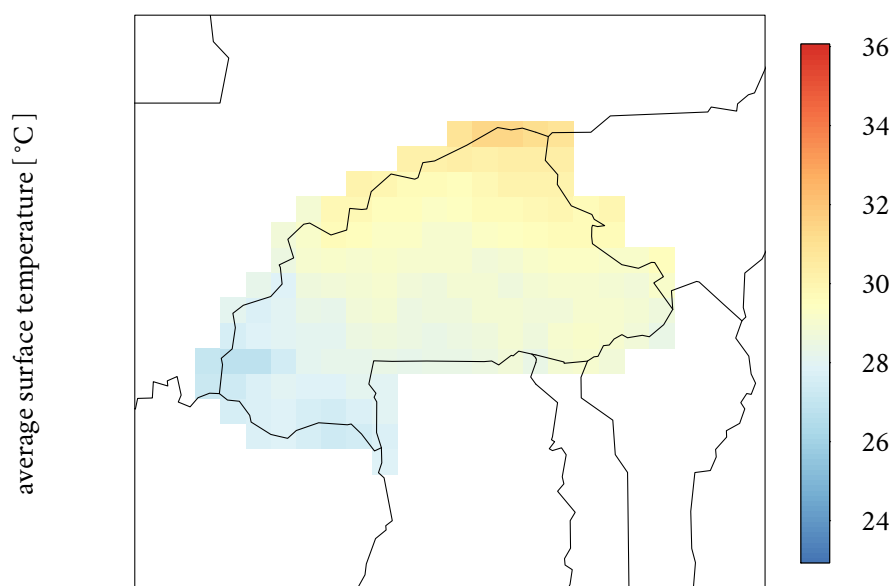


Figure 897: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

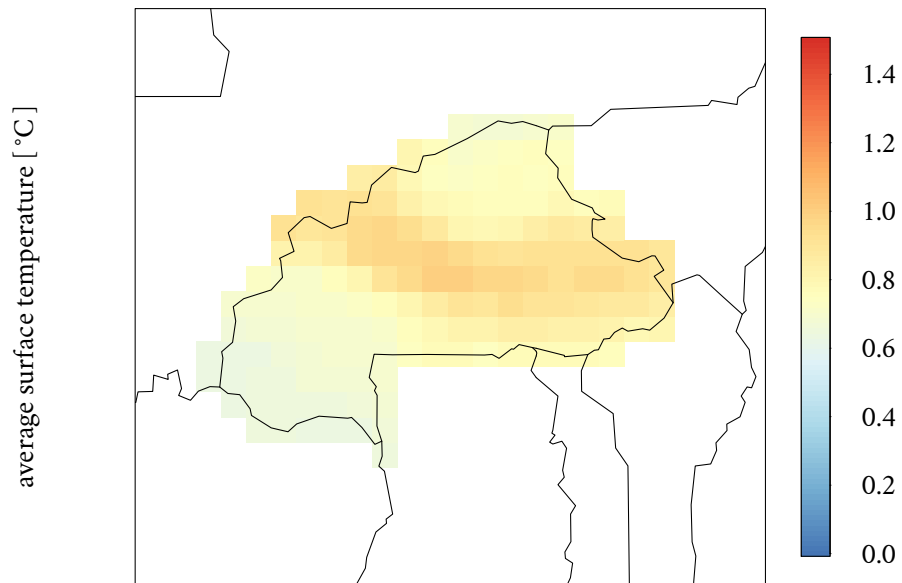


Figure 898: Mean across years, RCP 8.5, 2060 .. 2089

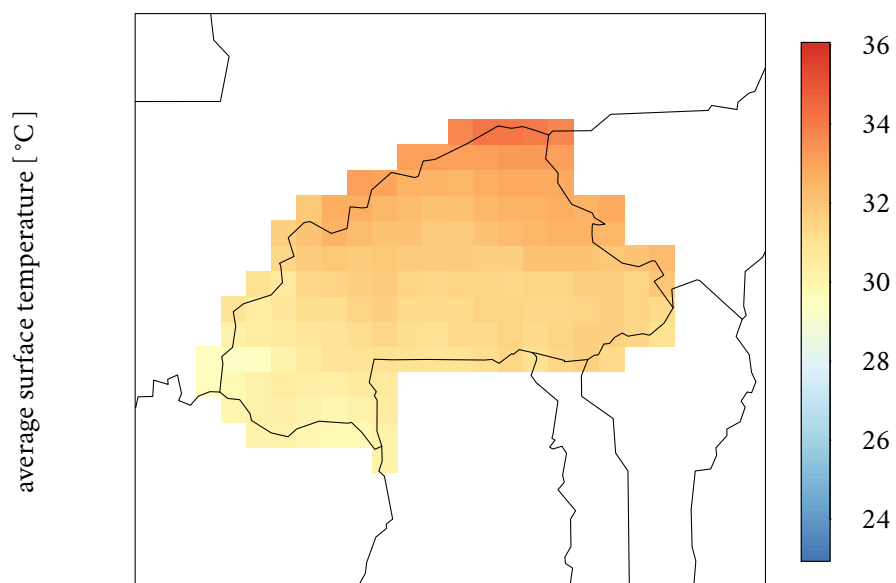


Figure 899: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

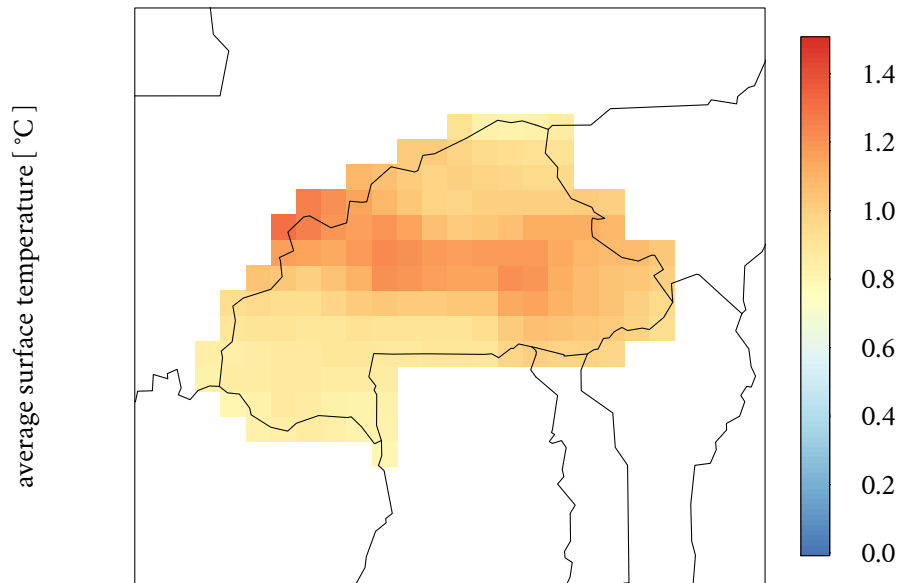
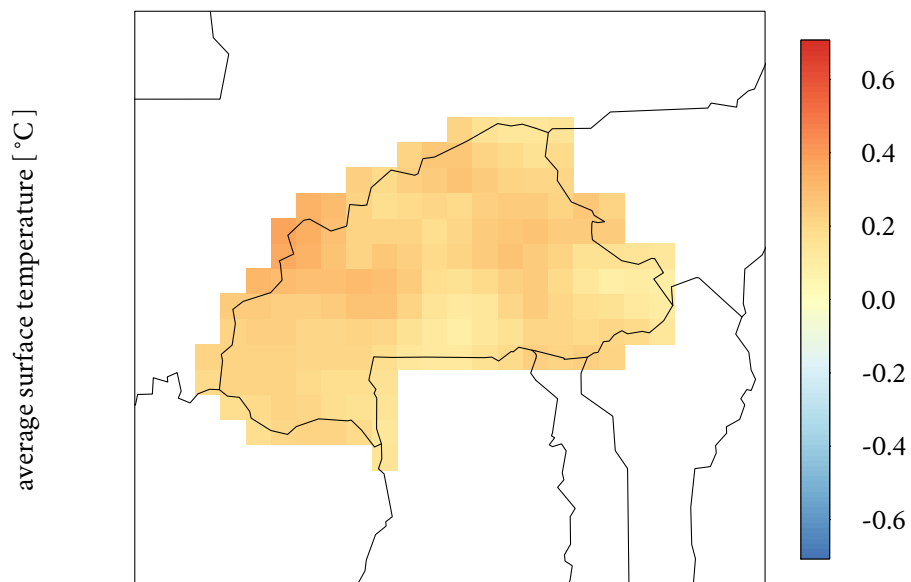


Figure 900: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.15 GCM MPI-M-MPI-ESM-LR / RCM CCLM4-8-17

Figure 901: Mean across years, RCP 8.5, 2020 .. 2049

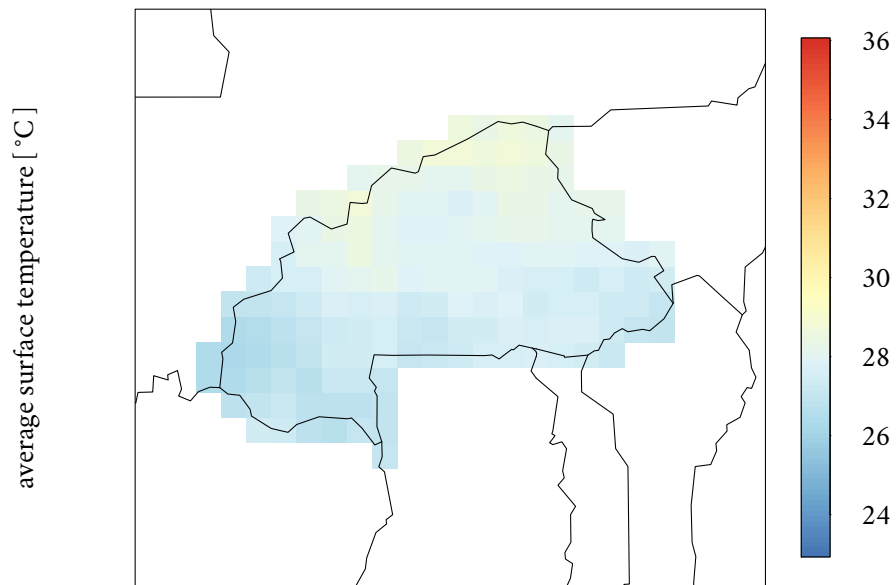


Figure 902: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

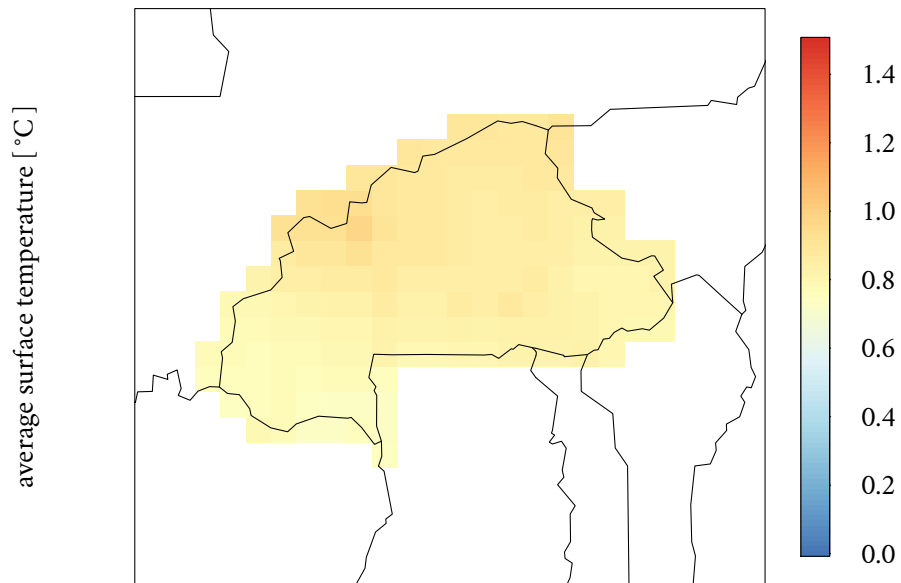


Figure 903: Mean across years, RCP 8.5, 2060 .. 2089

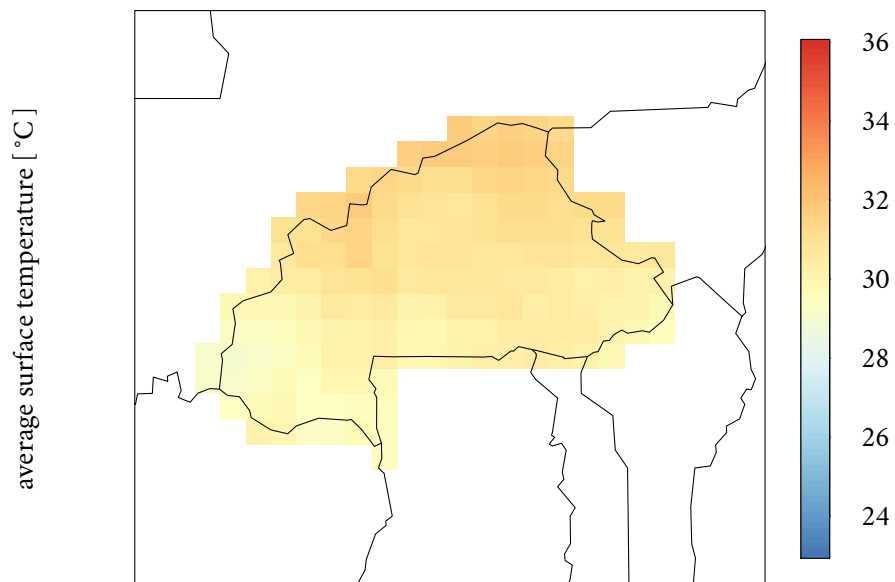


Figure 904: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

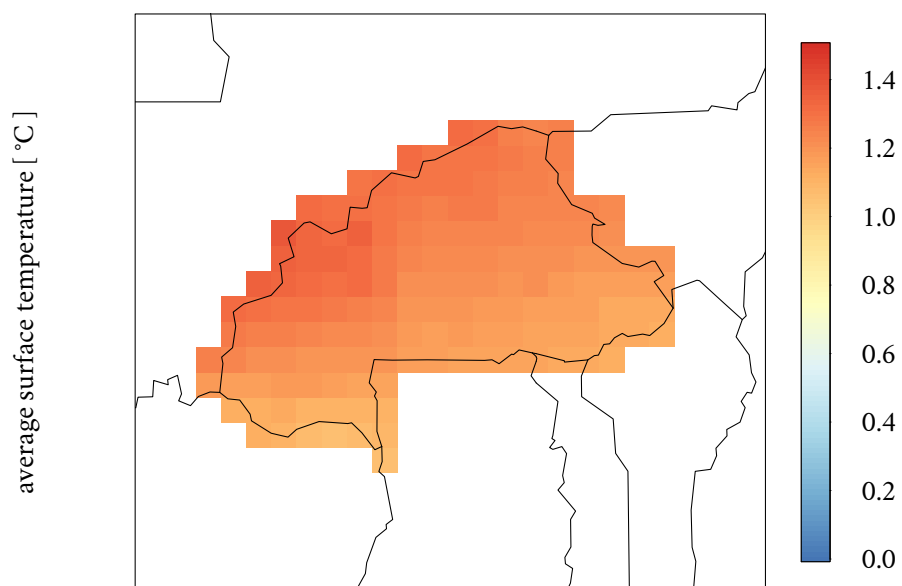
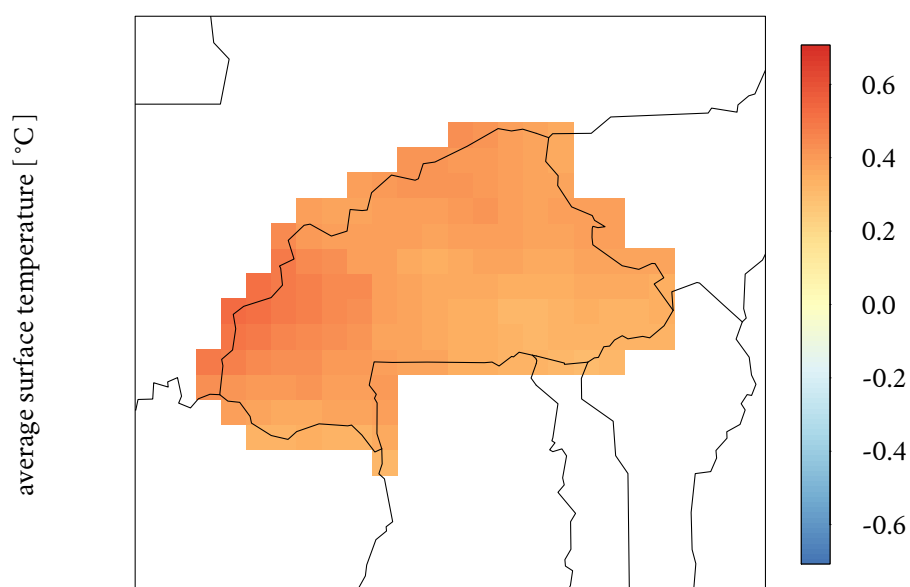


Figure 905: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.16 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 906: Mean across years, RCP 8.5, 2020 .. 2049

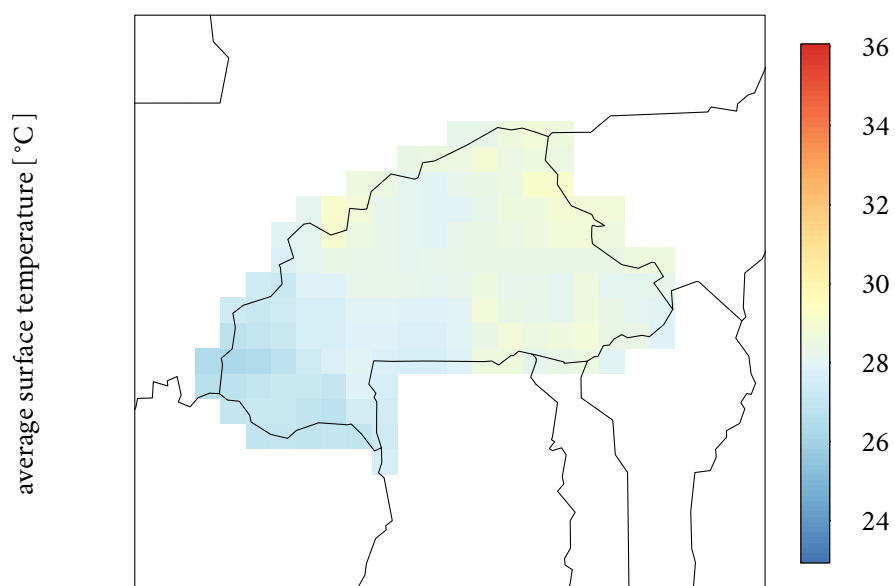


Figure 907: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

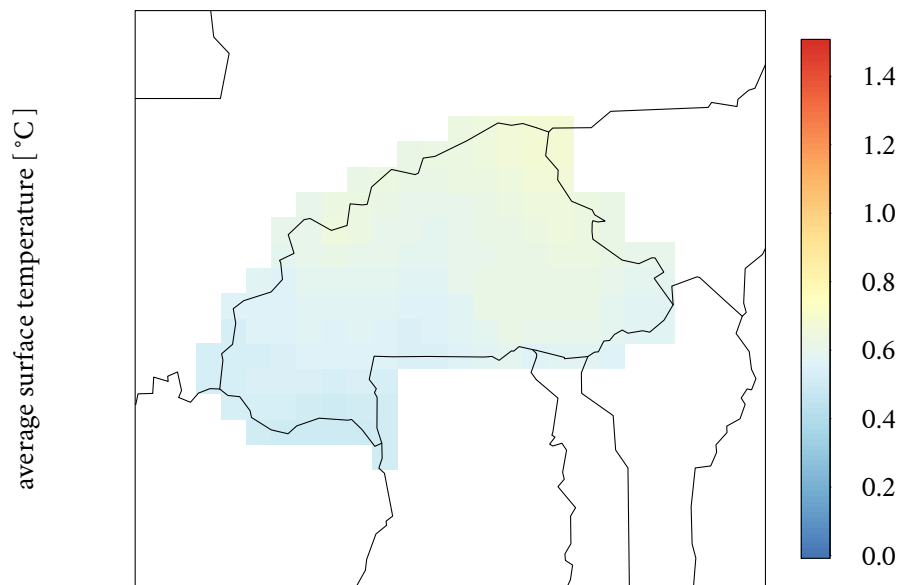


Figure 908: Mean across years, RCP 8.5, 2060 .. 2089

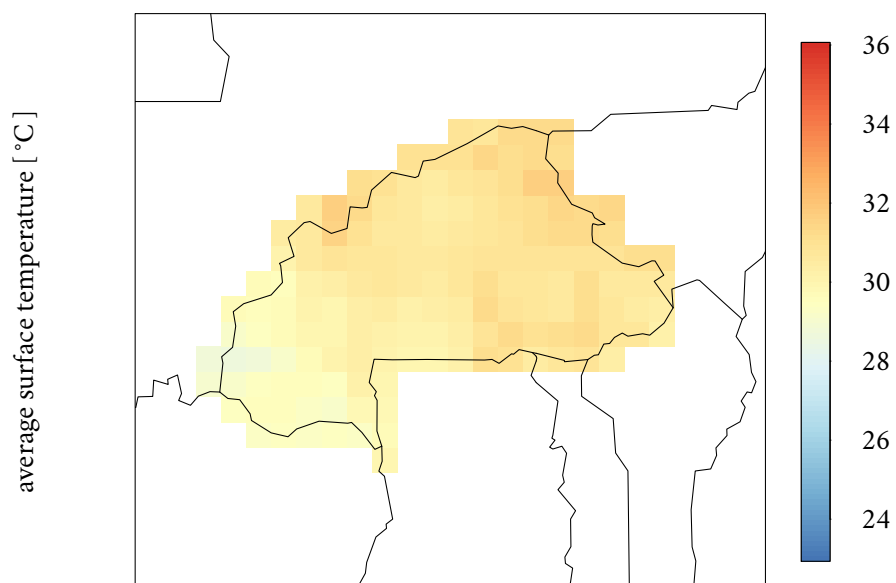


Figure 909: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

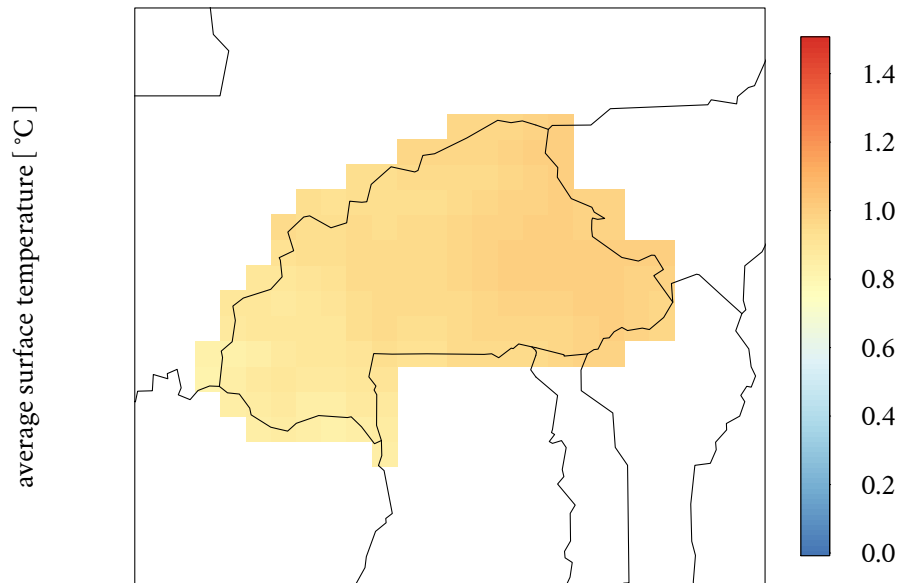
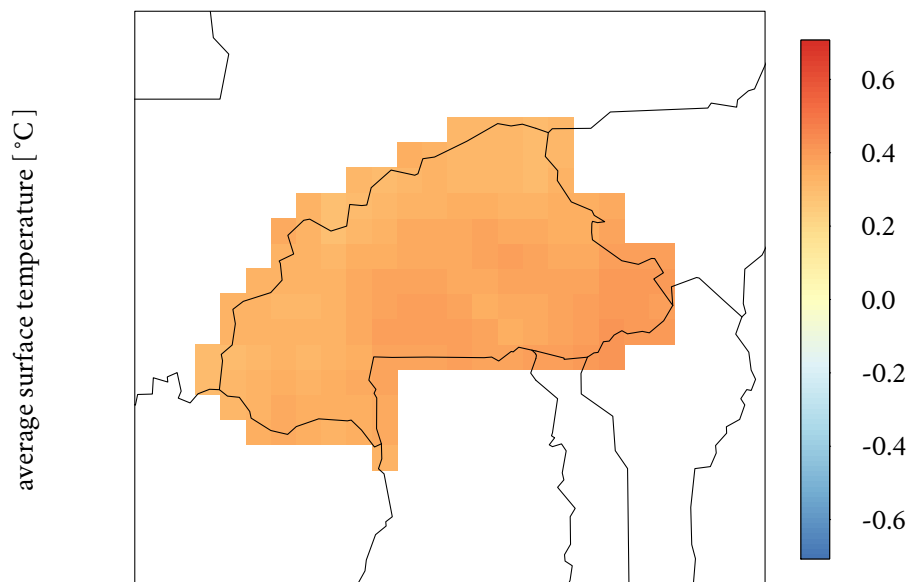


Figure 910: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.17 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 911: Mean across years, RCP 8.5, 2020 .. 2049

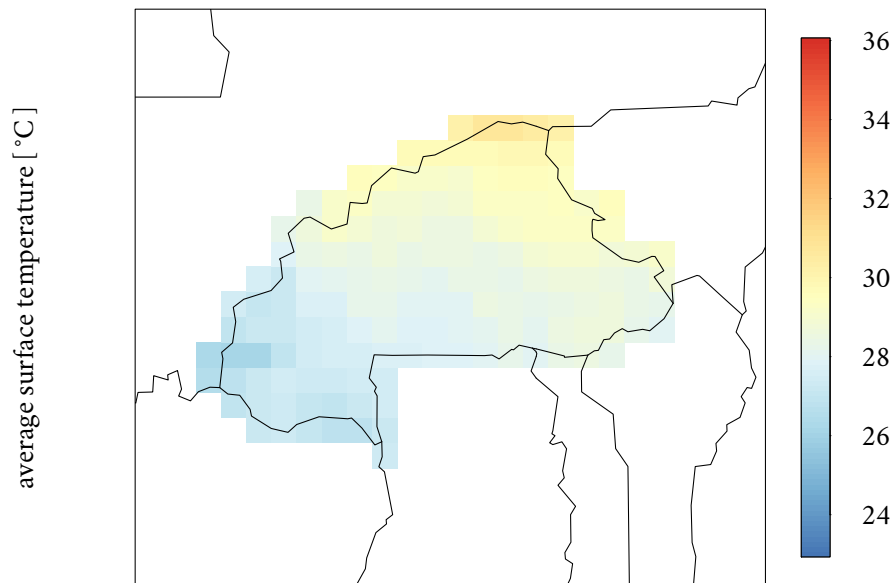


Figure 912: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

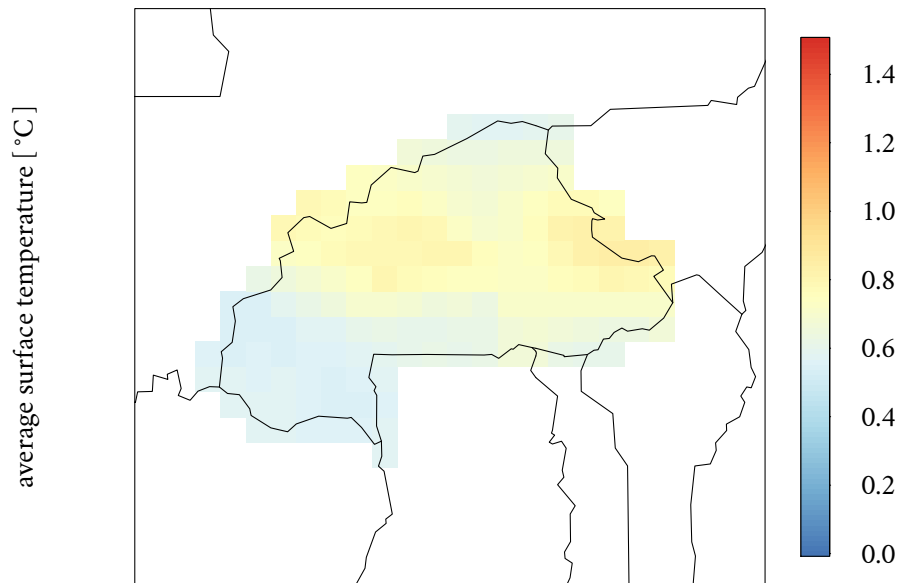


Figure 913: Mean across years, RCP 8.5, 2060 .. 2089

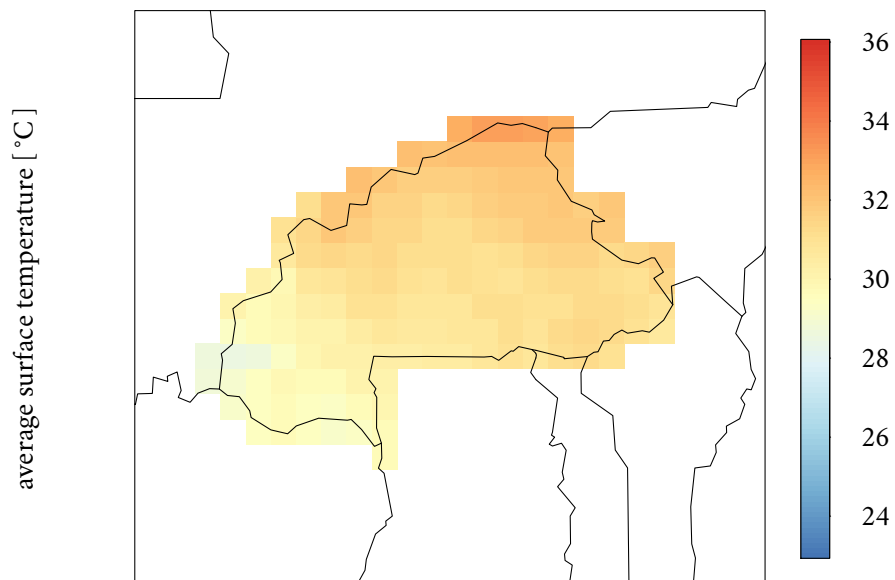


Figure 914: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

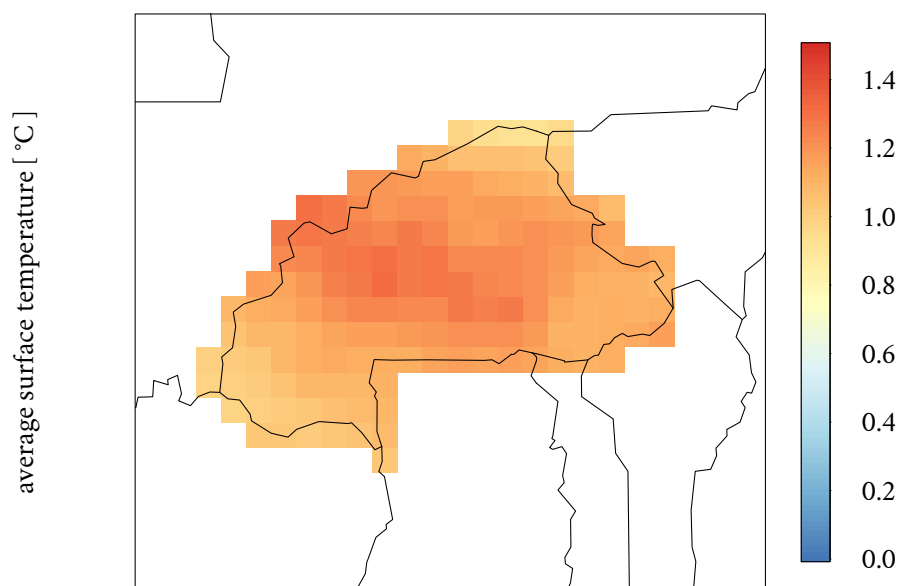
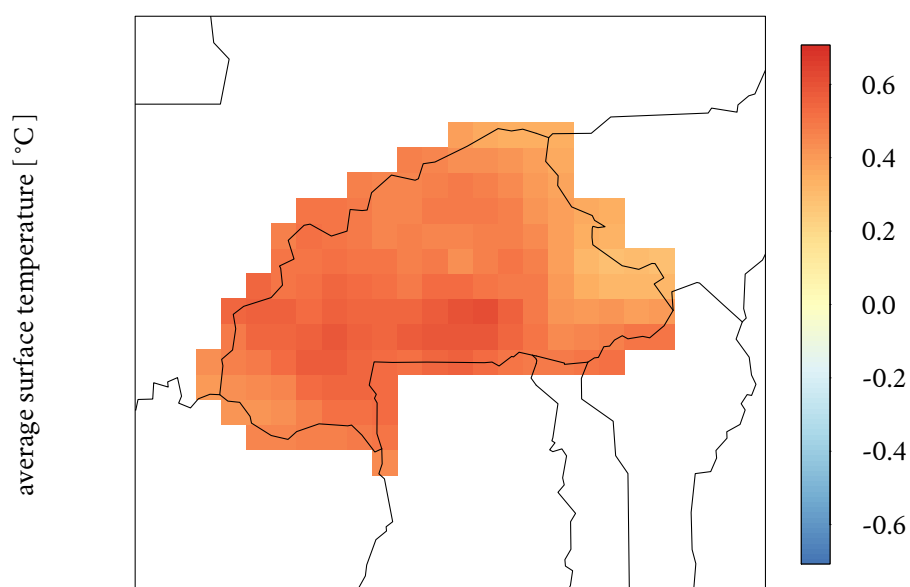


Figure 915: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.18 GCM NCC-NorESM1-M / RCM RCA4

Figure 916: Mean across years, RCP 8.5, 2020 .. 2049

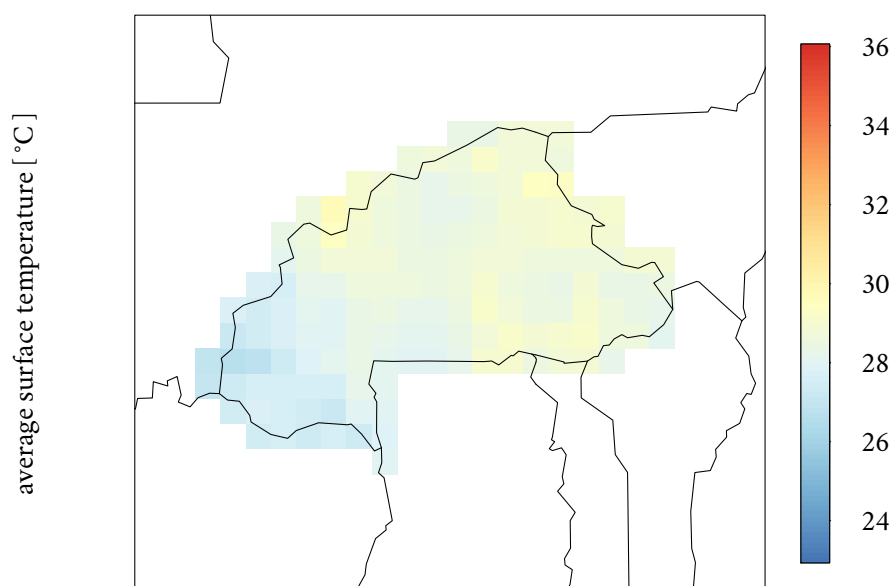


Figure 917: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

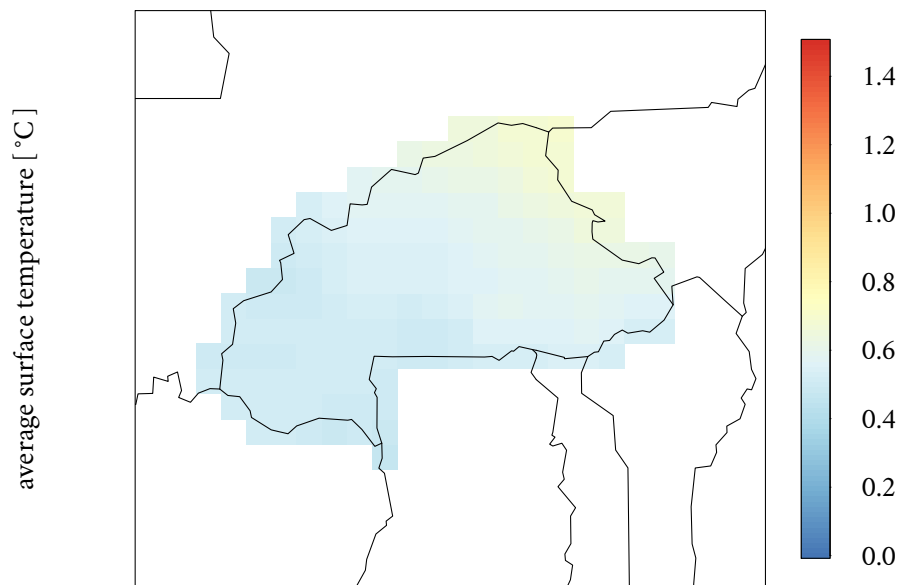


Figure 918: Mean across years, RCP 8.5, 2060 .. 2089

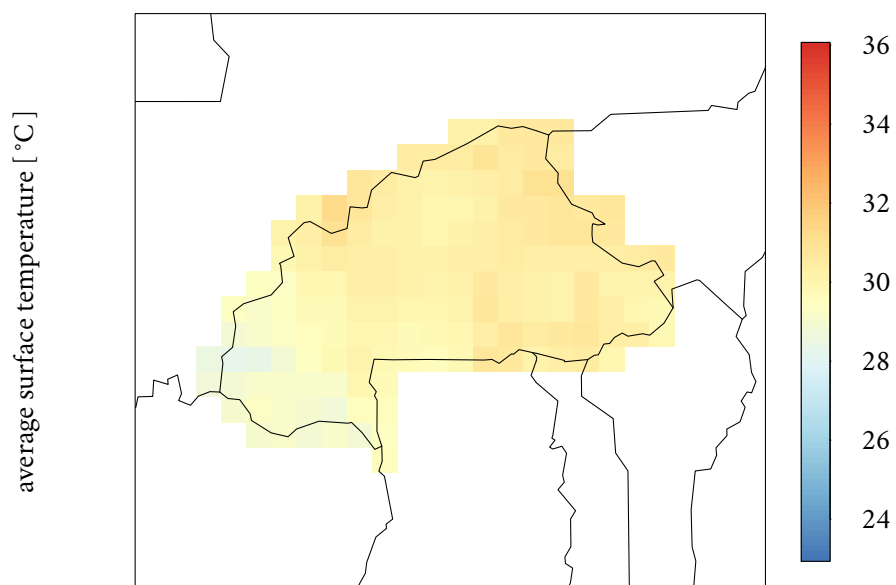


Figure 919: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

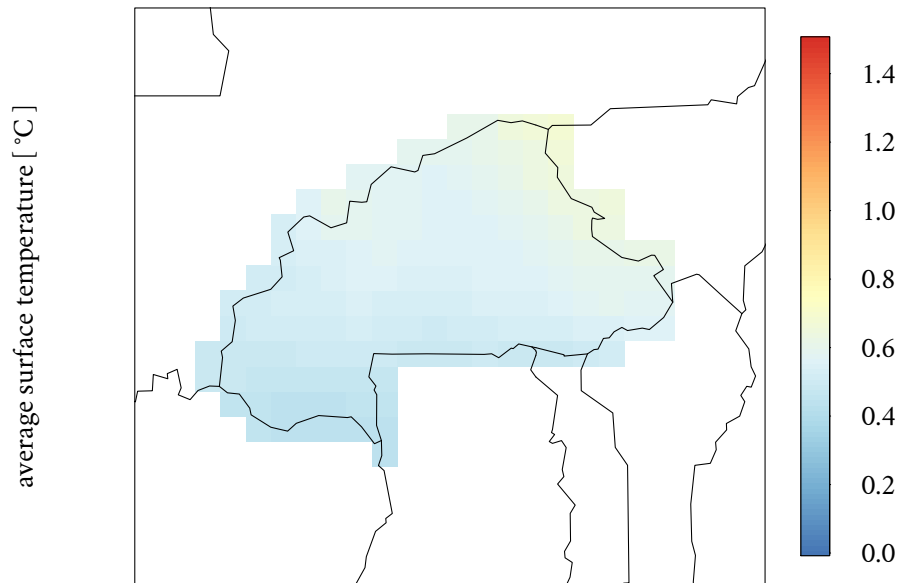
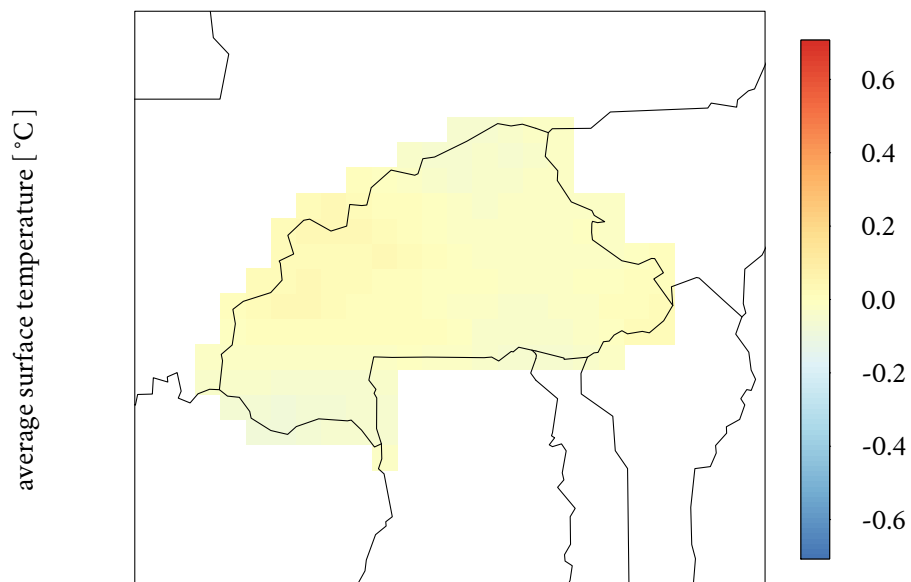


Figure 920: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.2.19 GCM NOAA-GFDL-GFDL-ESM2M / RCM RCA4

Figure 921: Mean across years, RCP 8.5, 2020 .. 2049

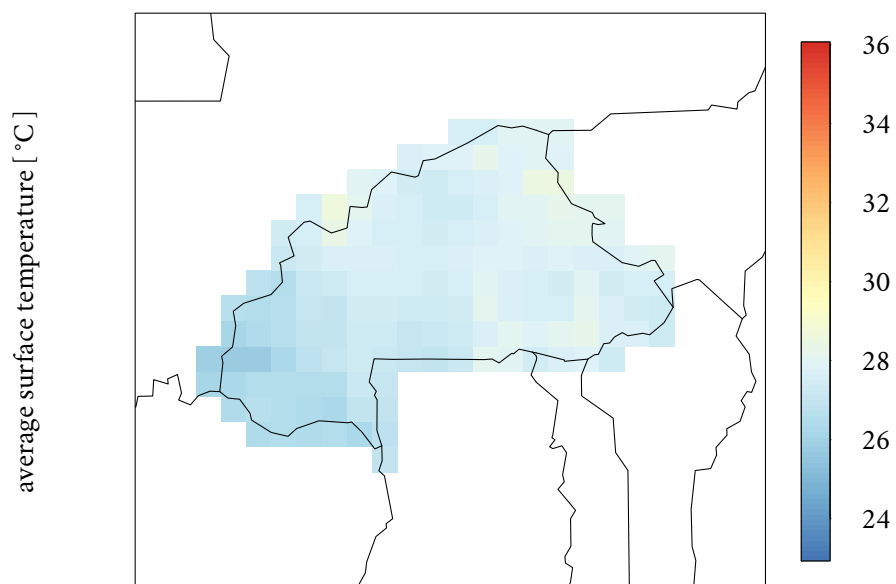


Figure 922: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

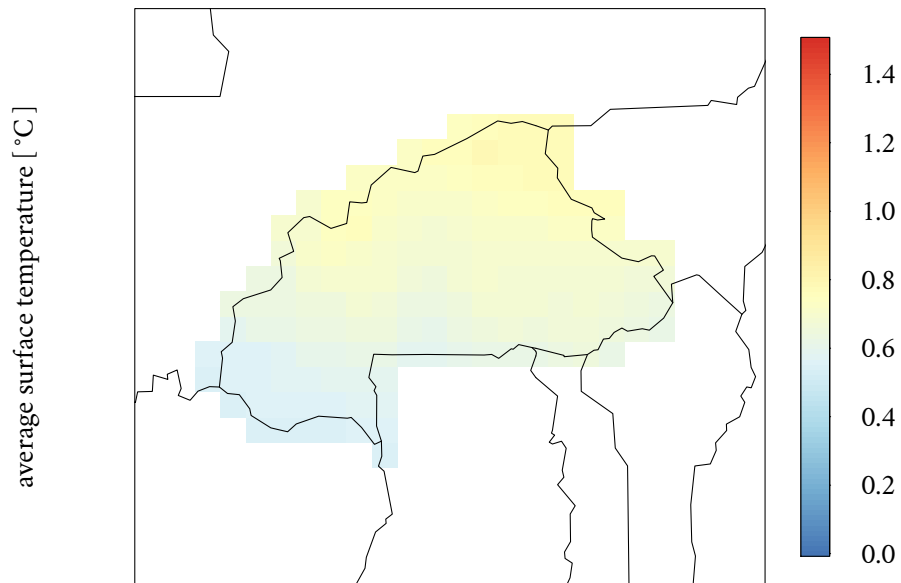


Figure 923: Mean across years, RCP 8.5, 2060 .. 2089

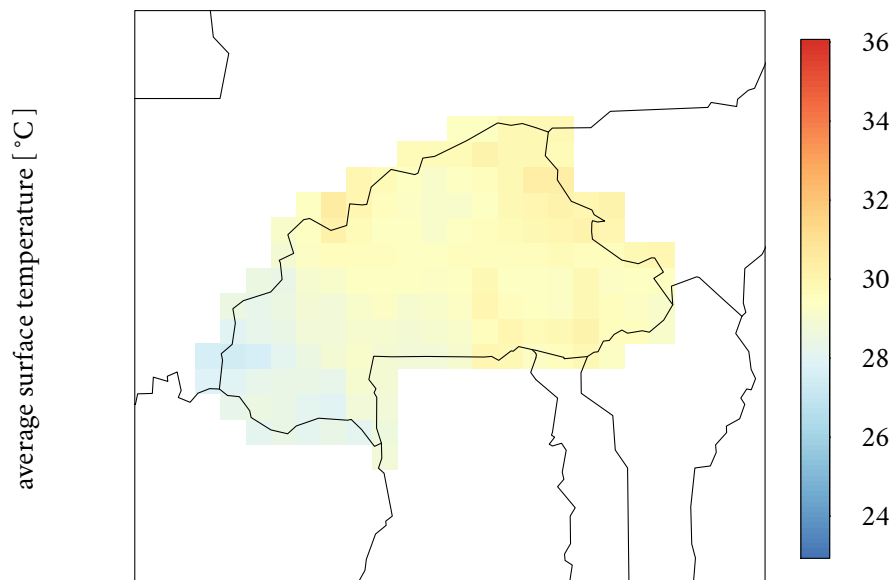


Figure 924: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

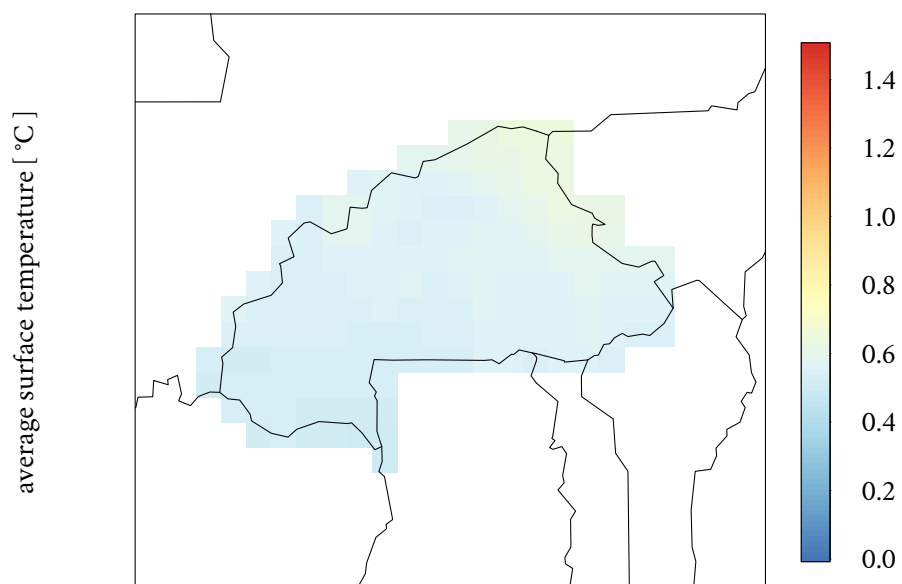
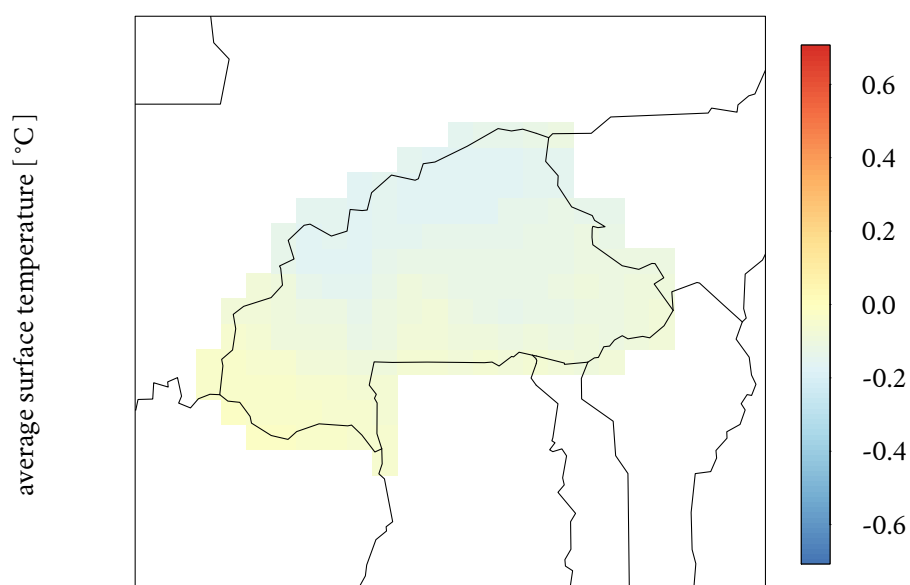


Figure 925: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.3 Kenya / RCP 2.6

C.3.1 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 926: Mean across years, RCP 2.6, 2020 .. 2049

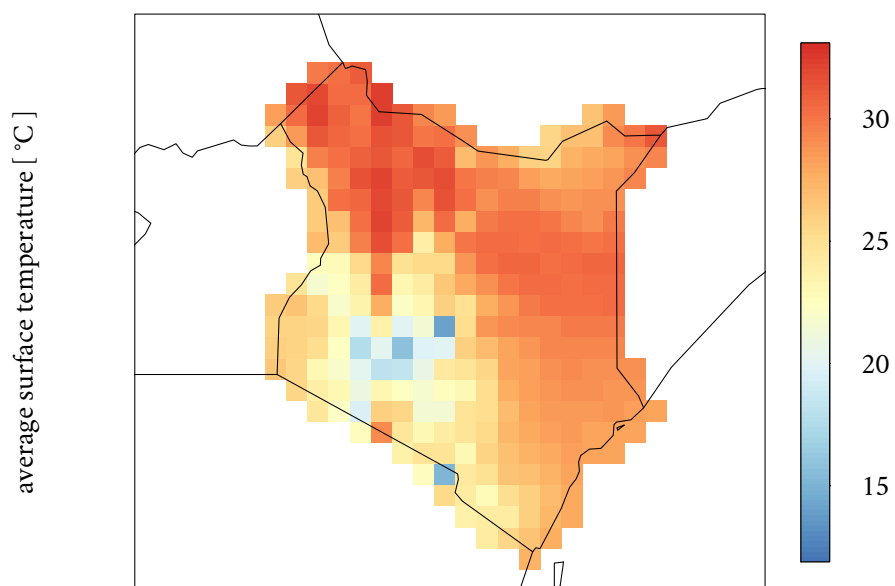


Figure 927: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

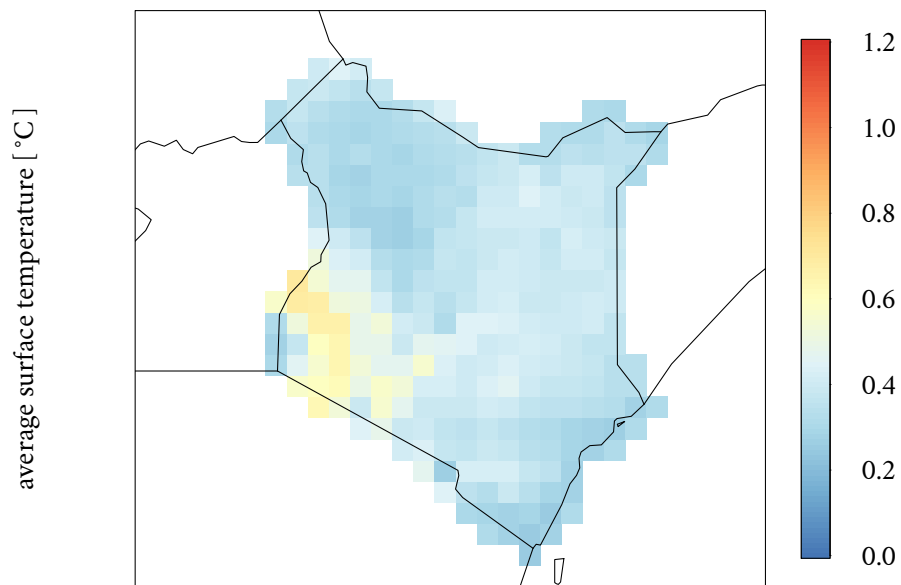


Figure 928: Mean across years, RCP 2.6, 2060 .. 2089

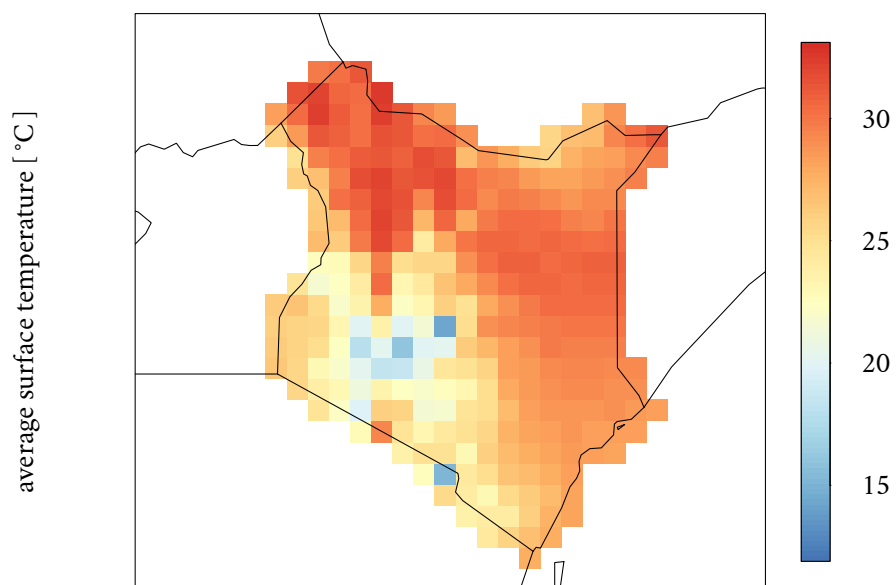


Figure 929: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

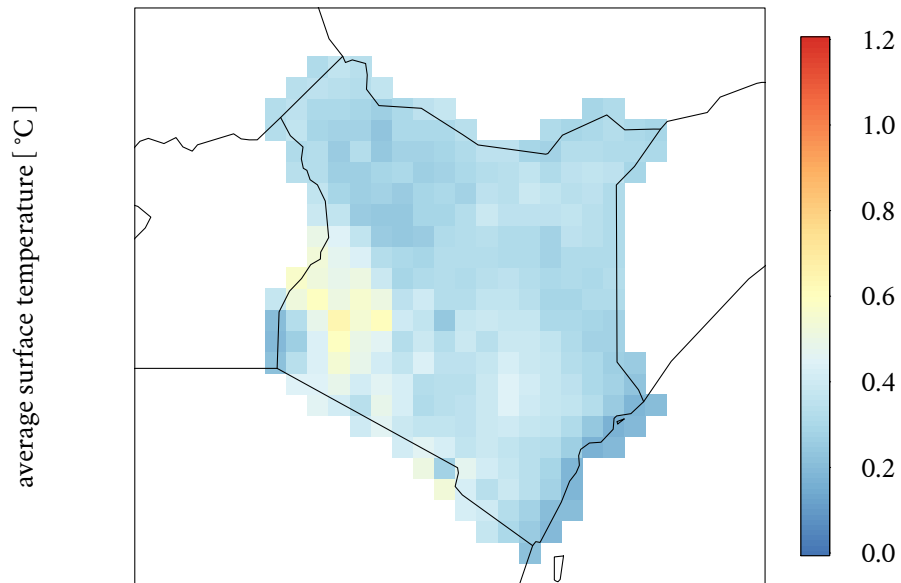
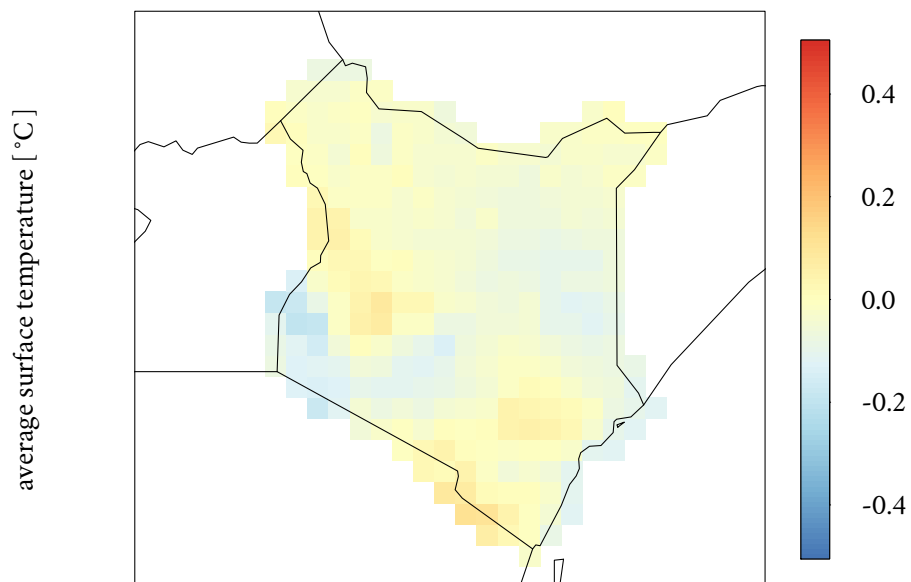


Figure 930: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.3.2 GCM MIROC-MIROC5 / RCM RCA4

Figure 931: Mean across years, RCP 2.6, 2020 .. 2049

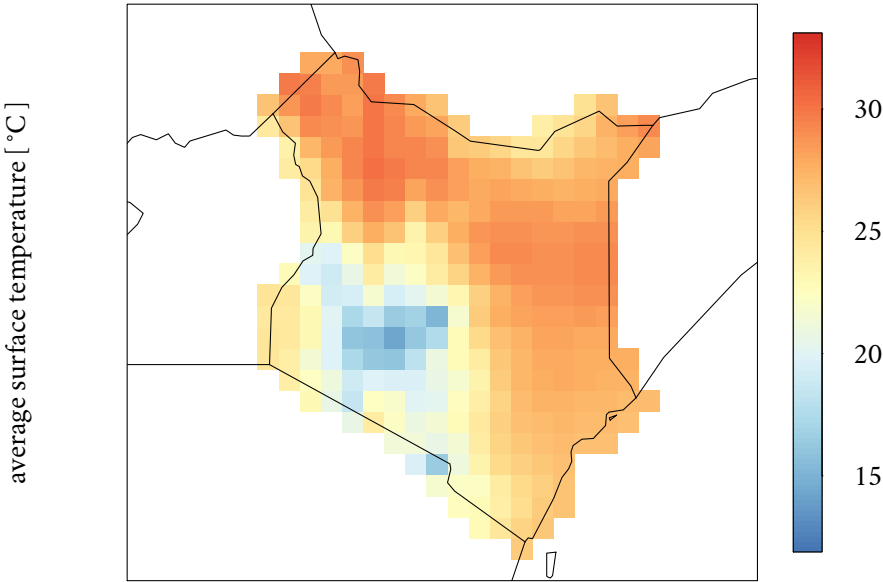


Figure 932: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

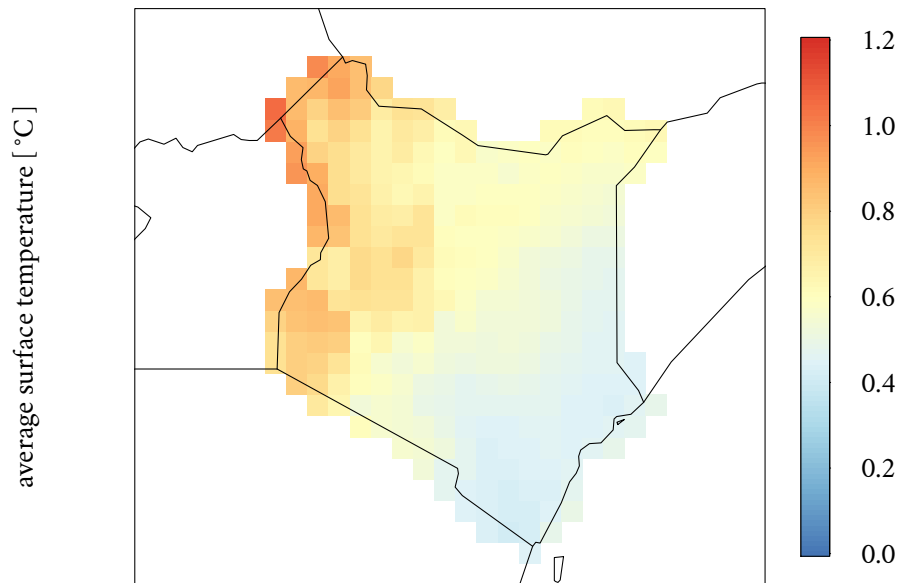


Figure 933: Mean across years, RCP 2.6, 2060 .. 2089

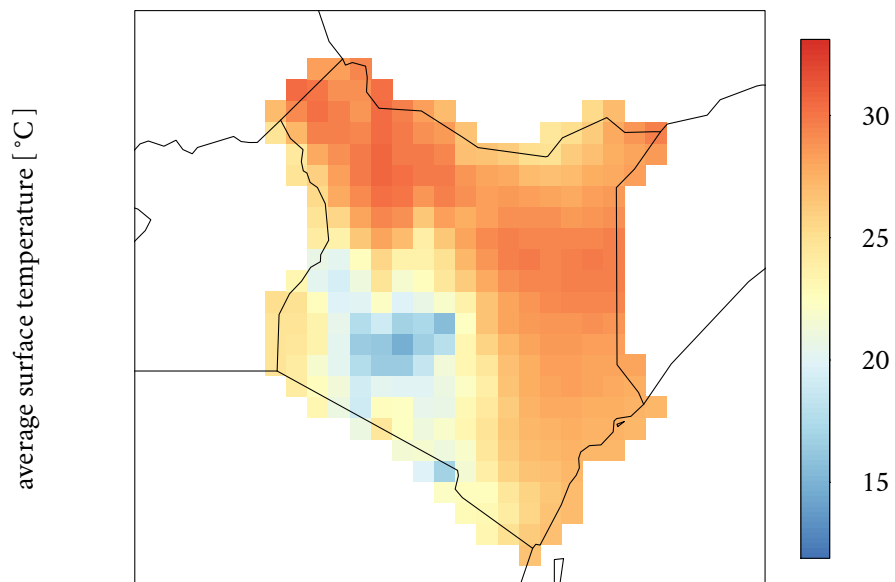


Figure 934: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

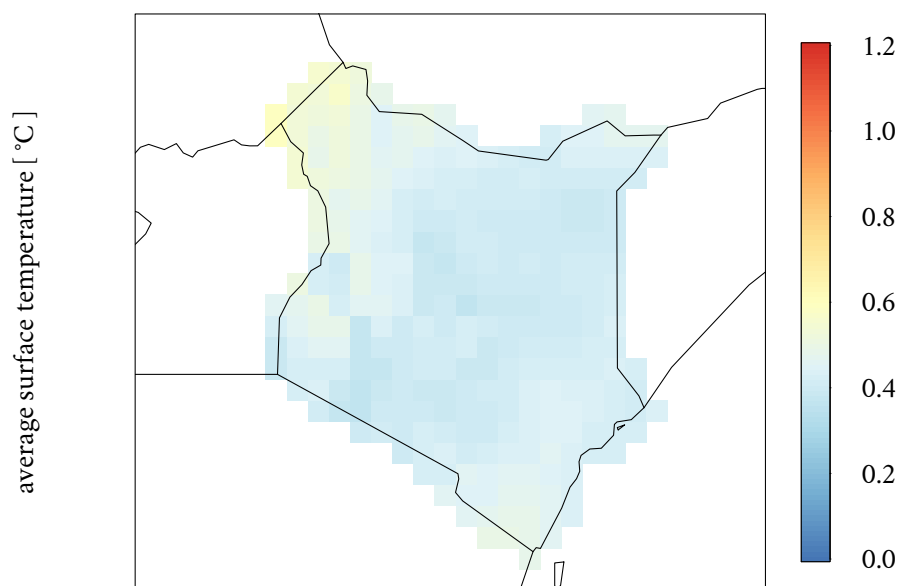
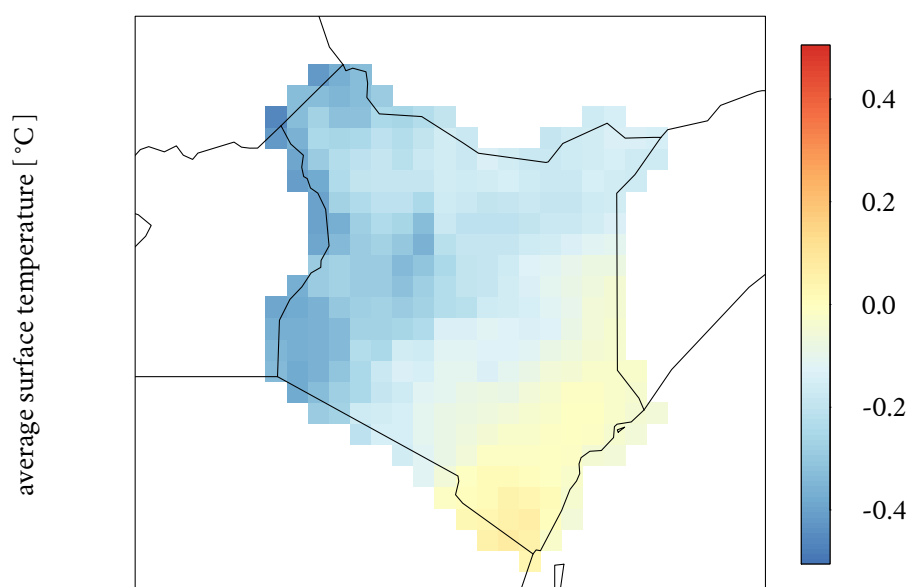


Figure 935: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.3.3 GCM MIROC-MIROC5 / RCM REMO2009

Figure 936: Mean across years, RCP 2.6, 2020 .. 2049

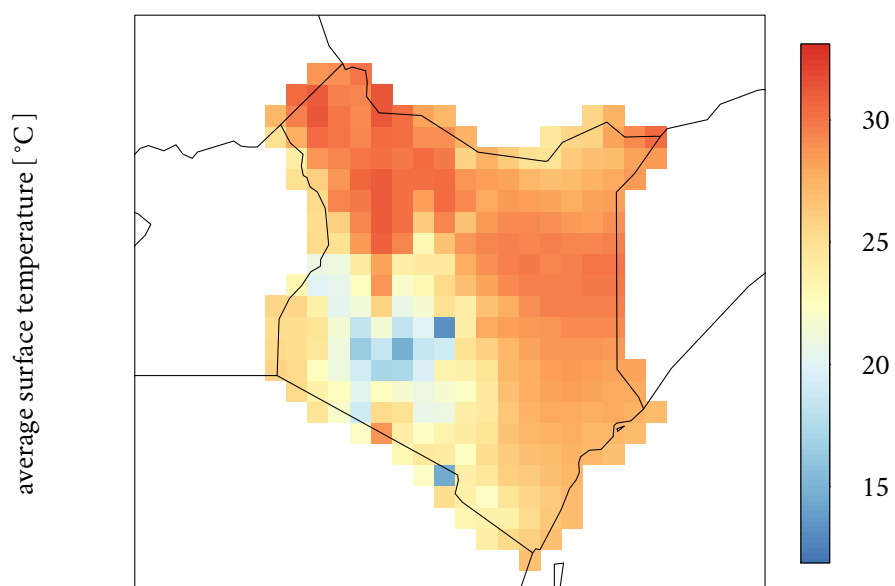


Figure 937: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

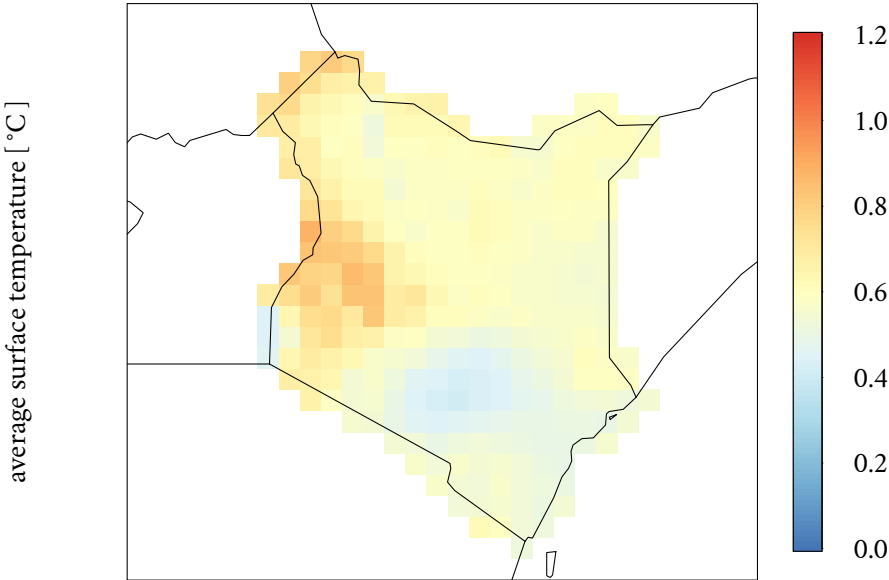


Figure 938: Mean across years, RCP 2.6, 2060 .. 2089

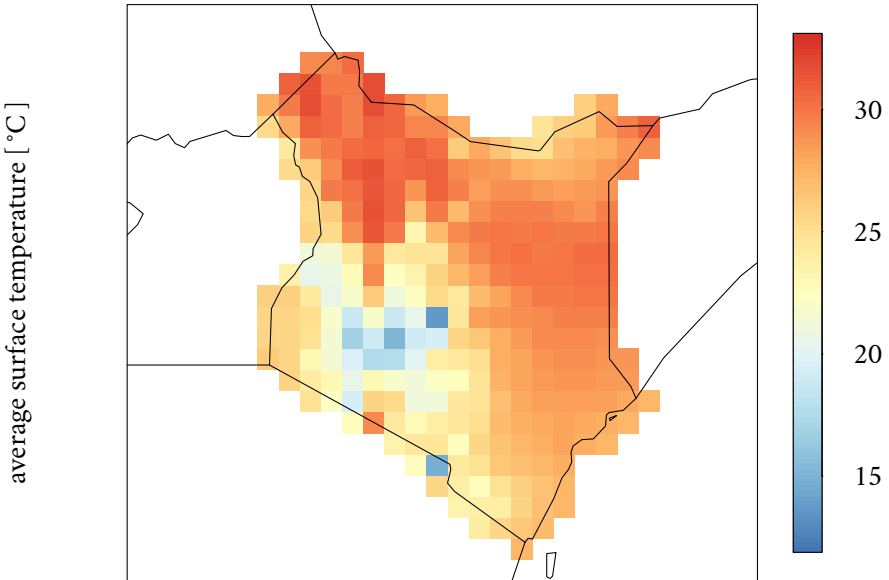


Figure 939: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

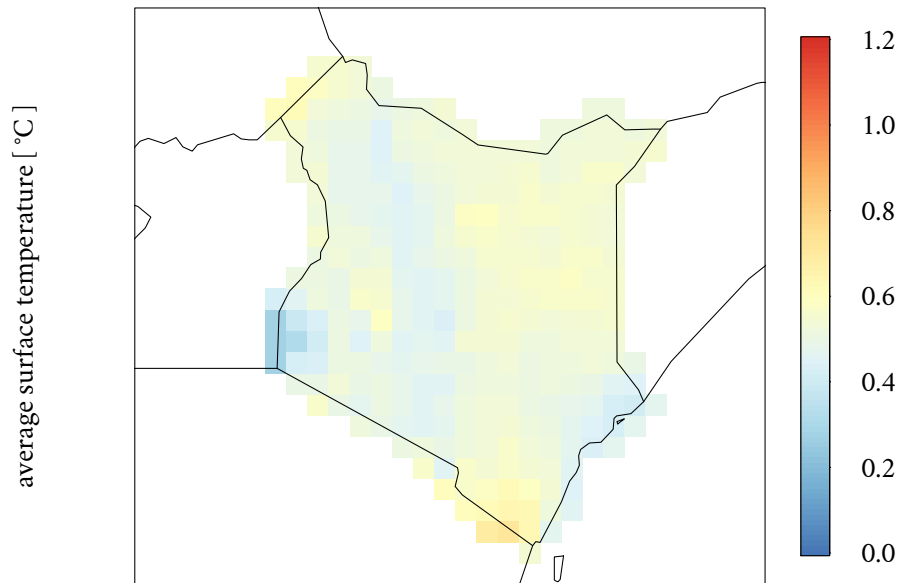
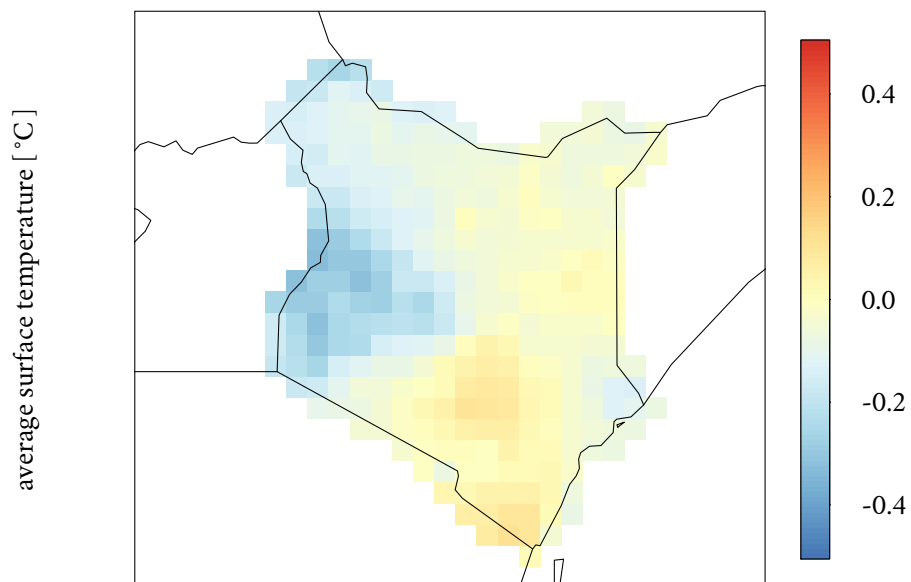


Figure 940: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.3.4 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 941: Mean across years, RCP 2.6, 2020 .. 2049

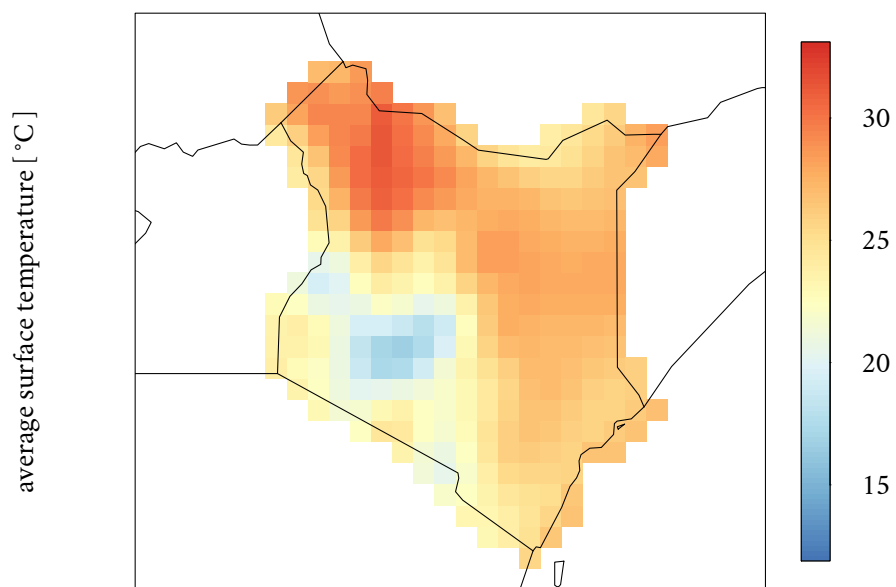


Figure 942: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

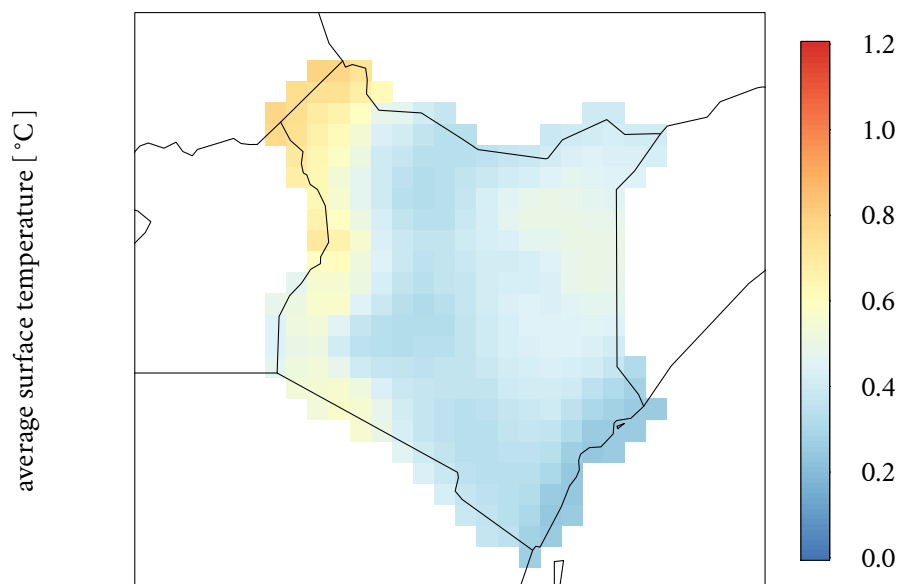


Figure 943: Mean across years, RCP 2.6, 2060 .. 2089

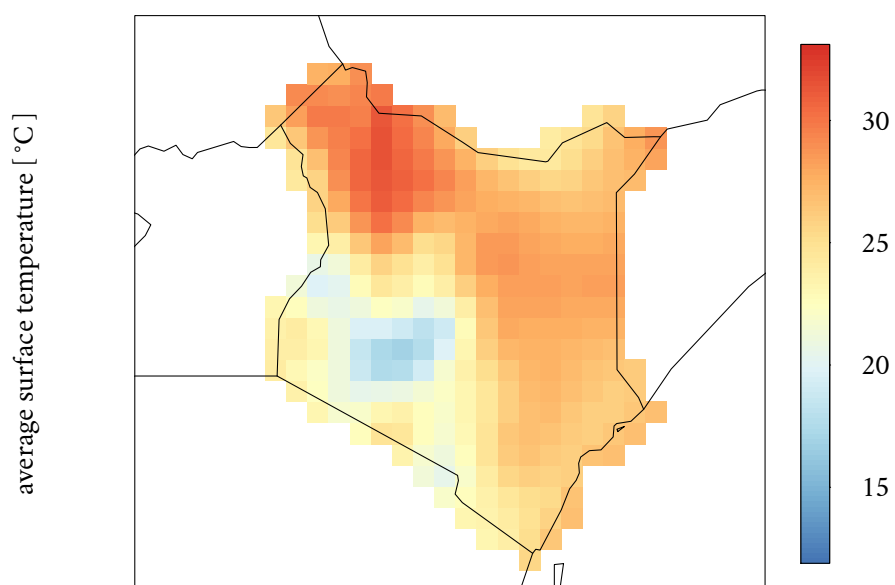


Figure 944: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

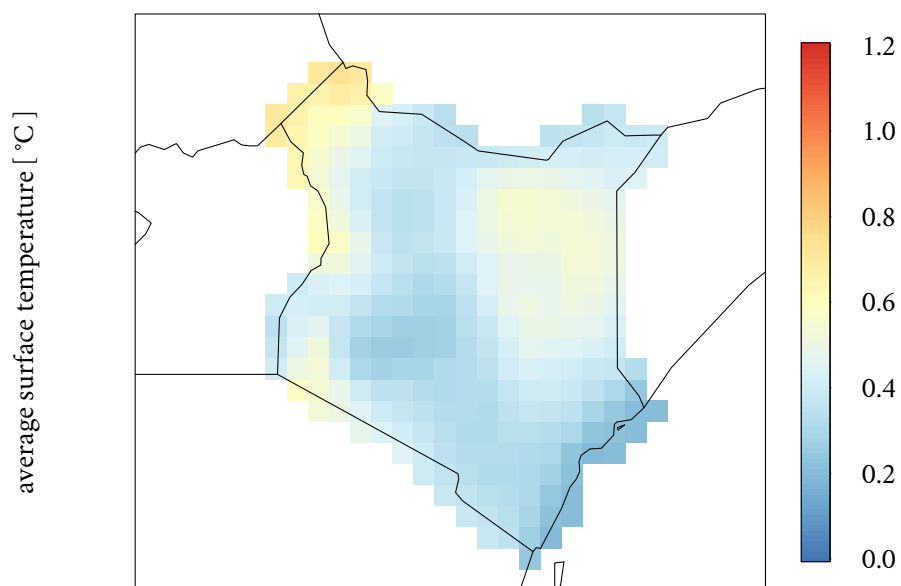
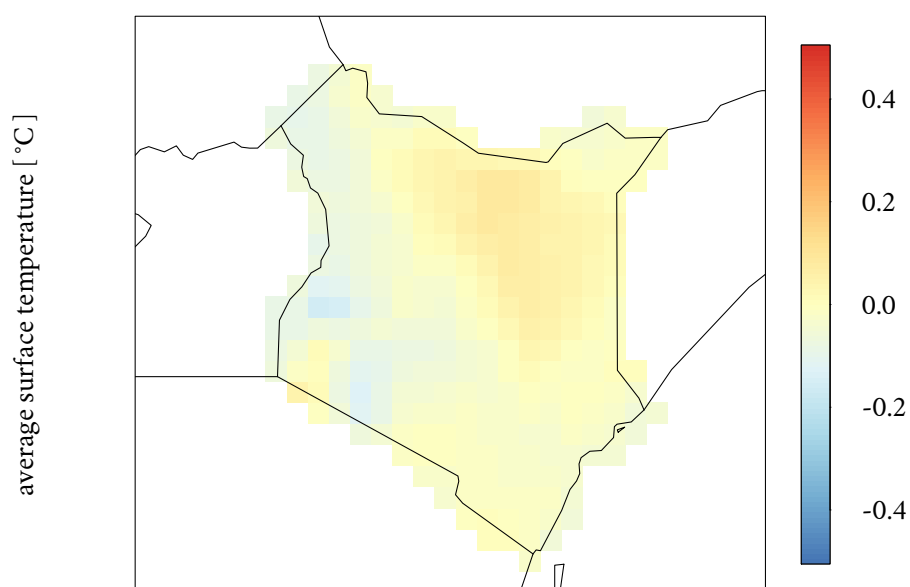


Figure 945: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.3.5 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 946: Mean across years, RCP 2.6, 2020 .. 2049

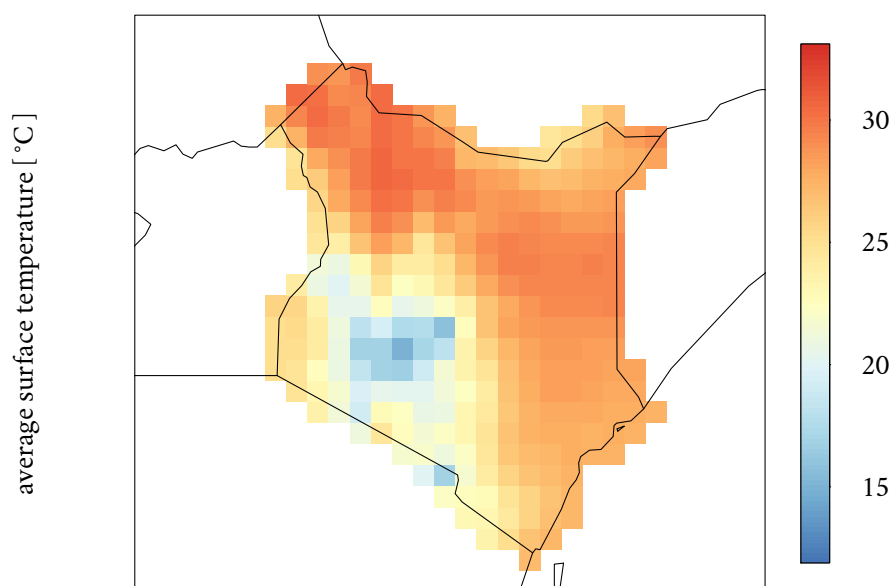


Figure 947: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

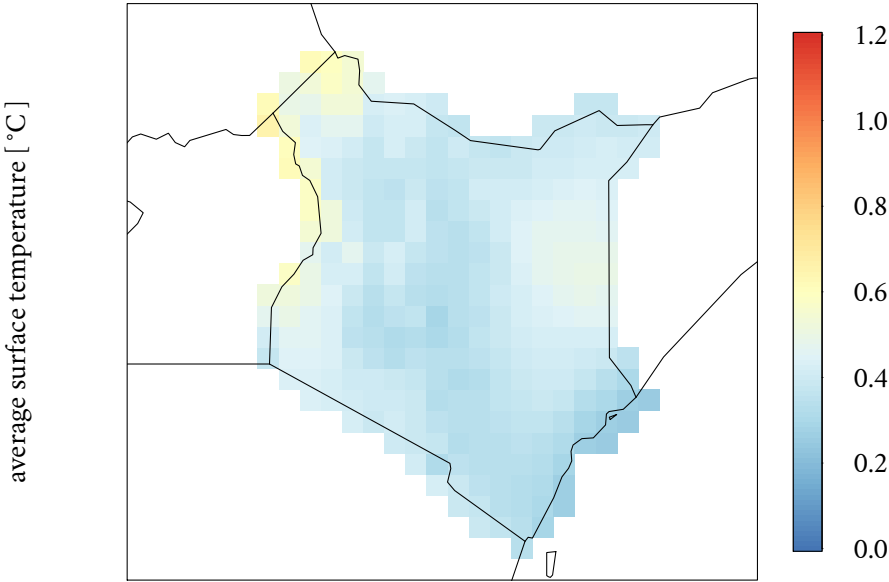


Figure 948: Mean across years, RCP 2.6, 2060 .. 2089

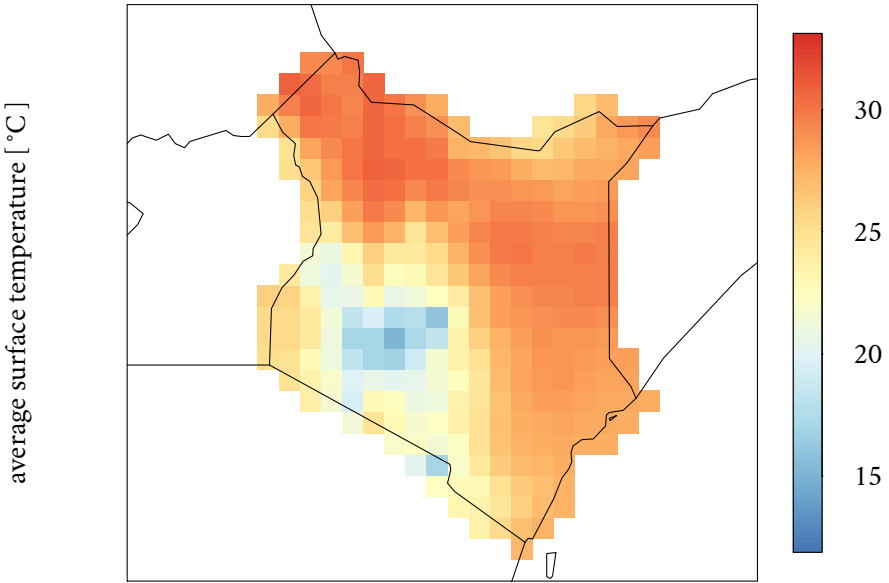


Figure 949: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

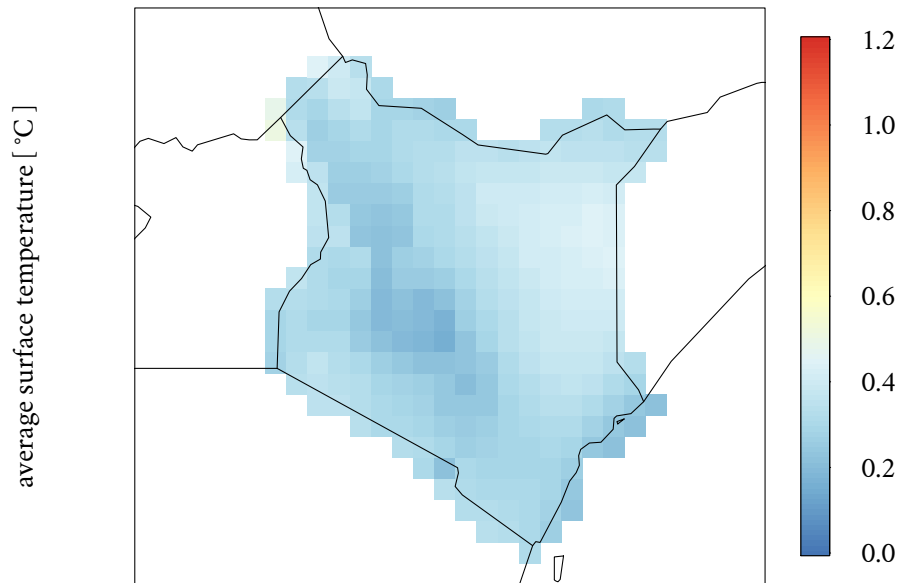
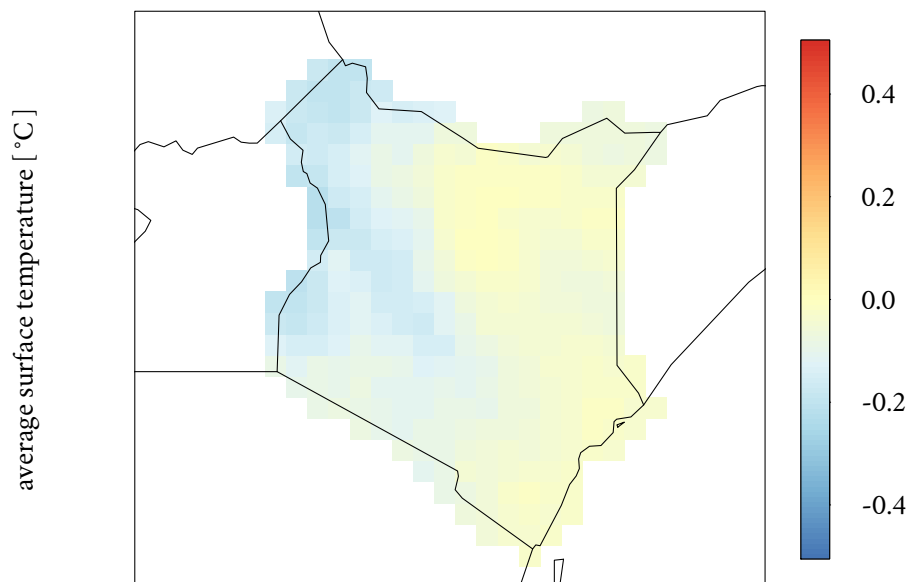


Figure 950: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.3.6 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 951: Mean across years, RCP 2.6, 2020 .. 2049

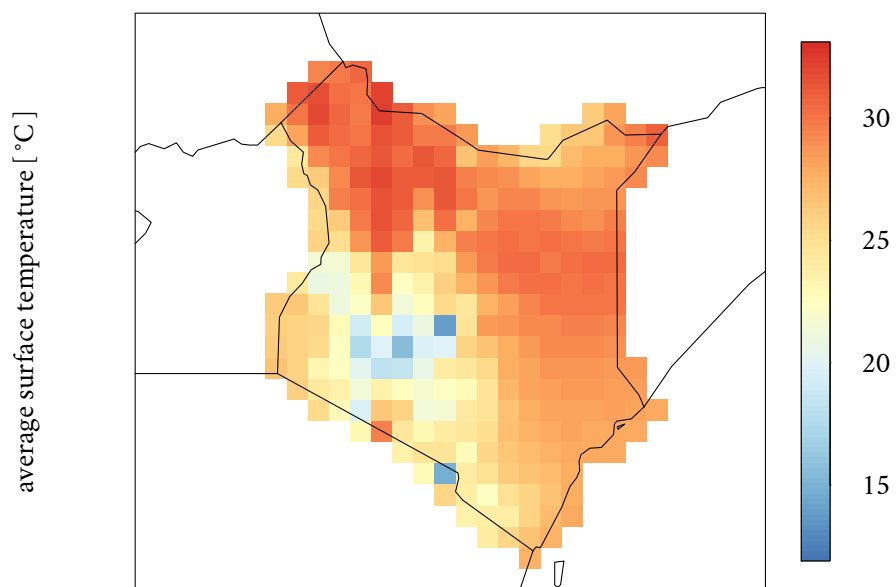


Figure 952: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

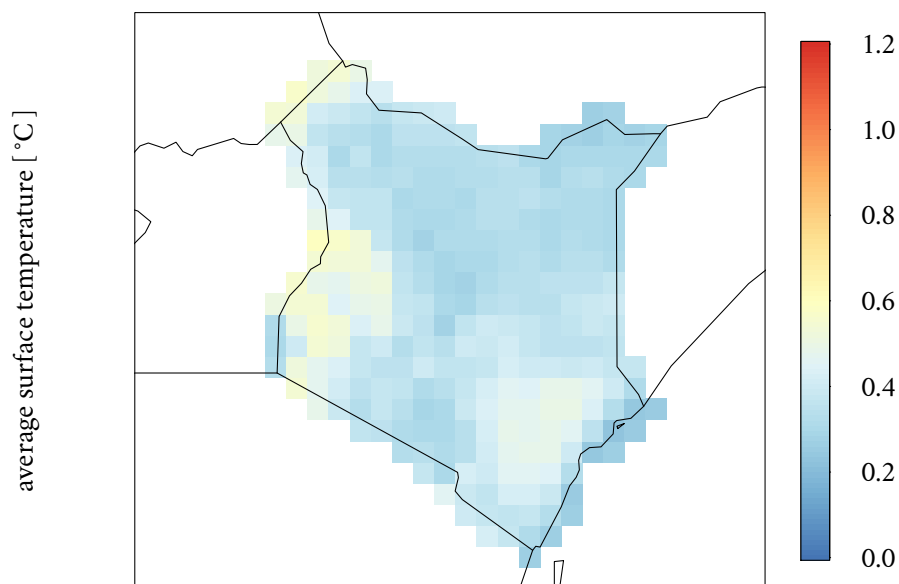


Figure 953: Mean across years, RCP 2.6, 2060 .. 2089

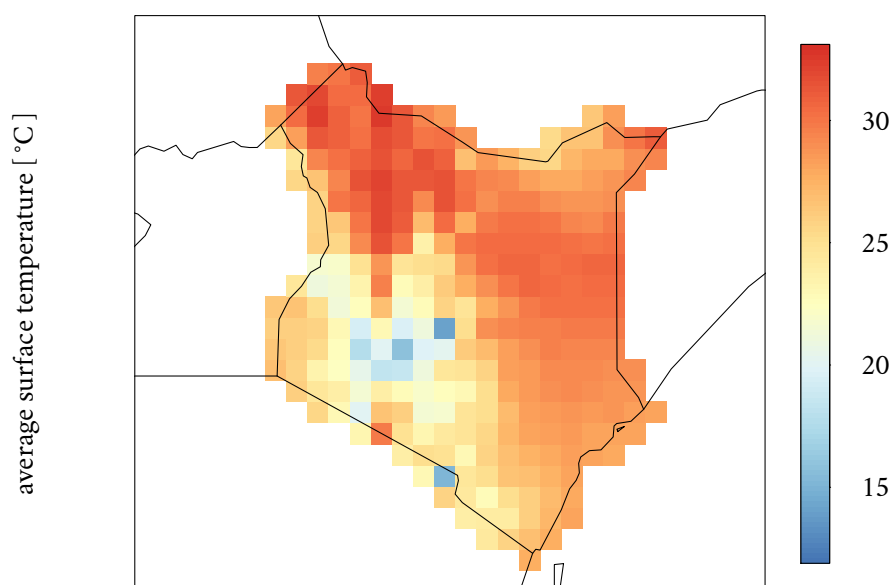


Figure 954: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

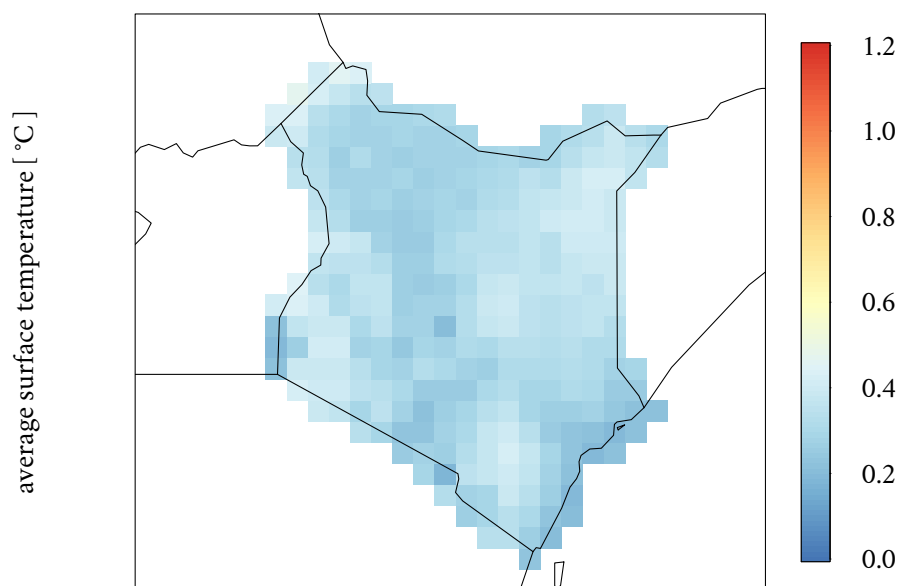
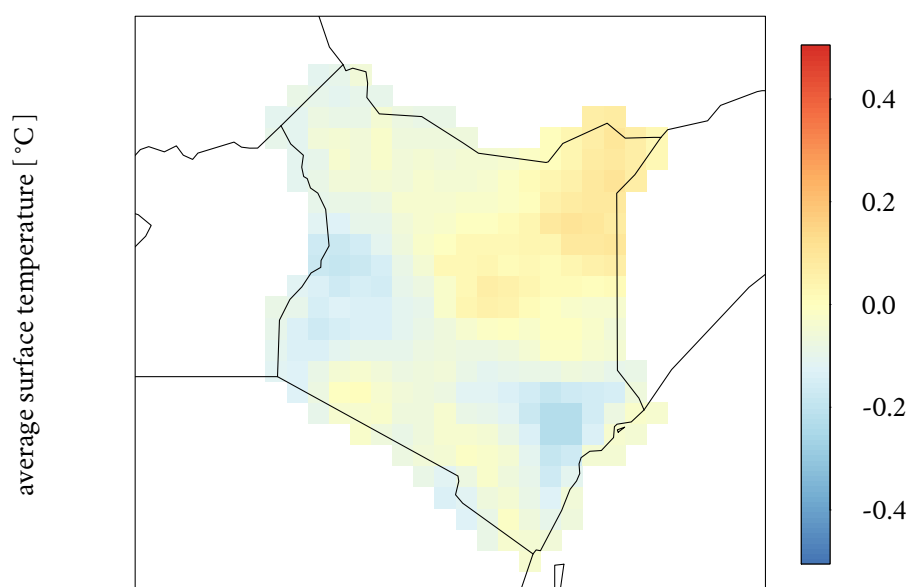


Figure 955: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.3.7 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 956: Mean across years, RCP 2.6, 2020 .. 2049

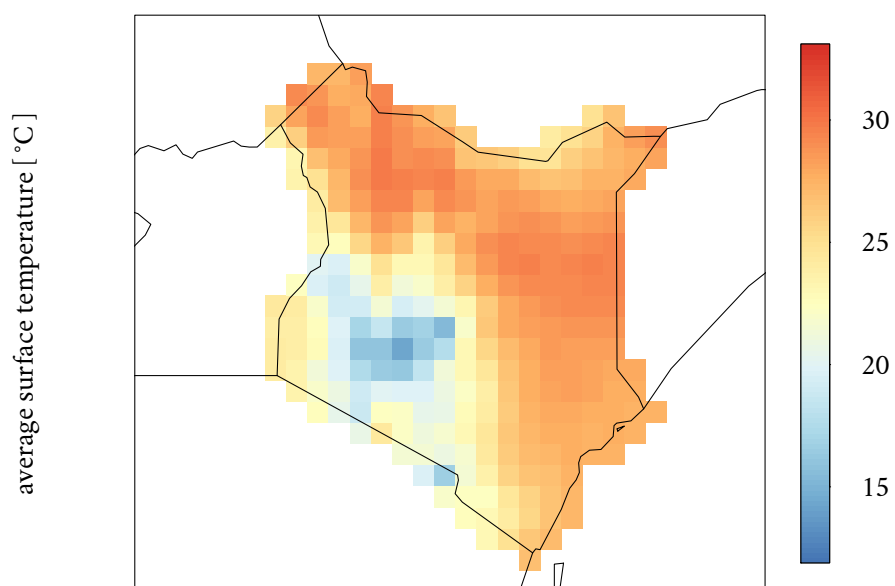


Figure 957: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

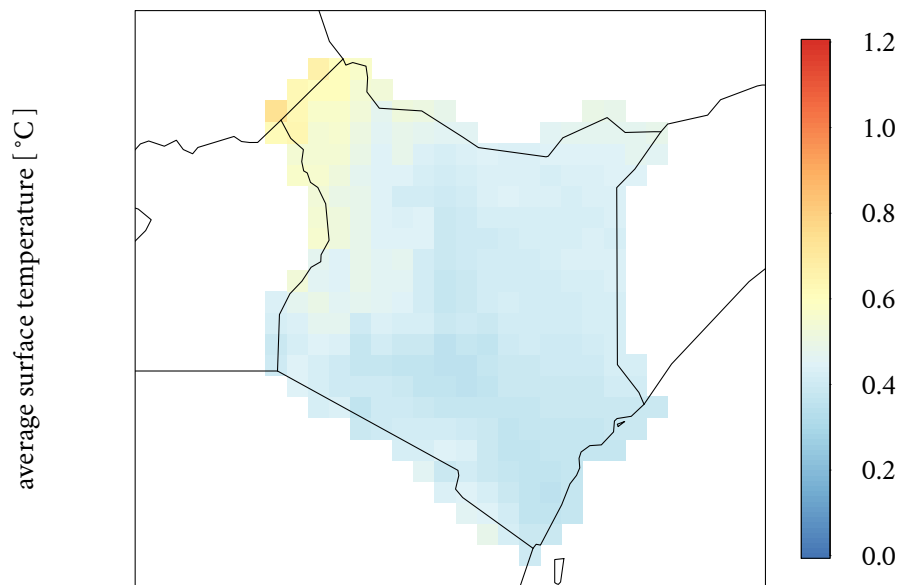


Figure 958: Mean across years, RCP 2.6, 2060 .. 2089

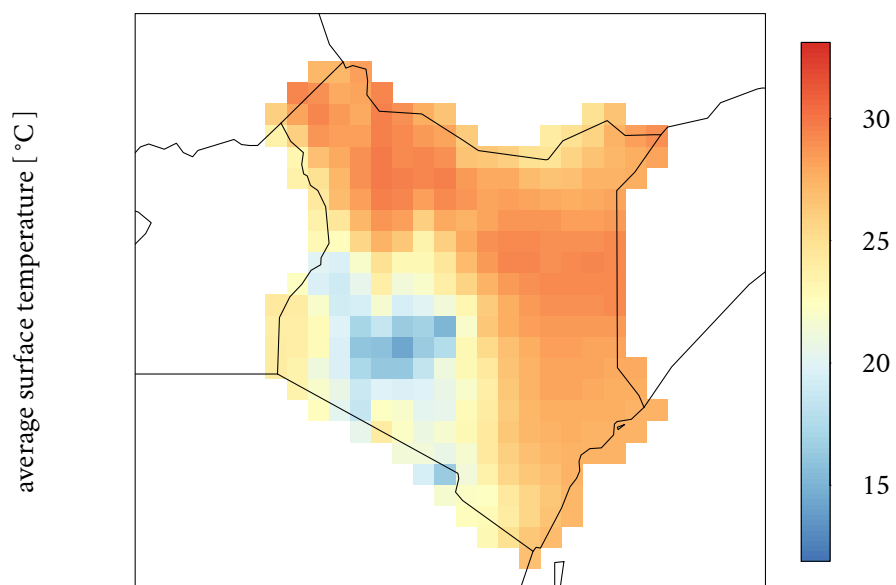


Figure 959: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

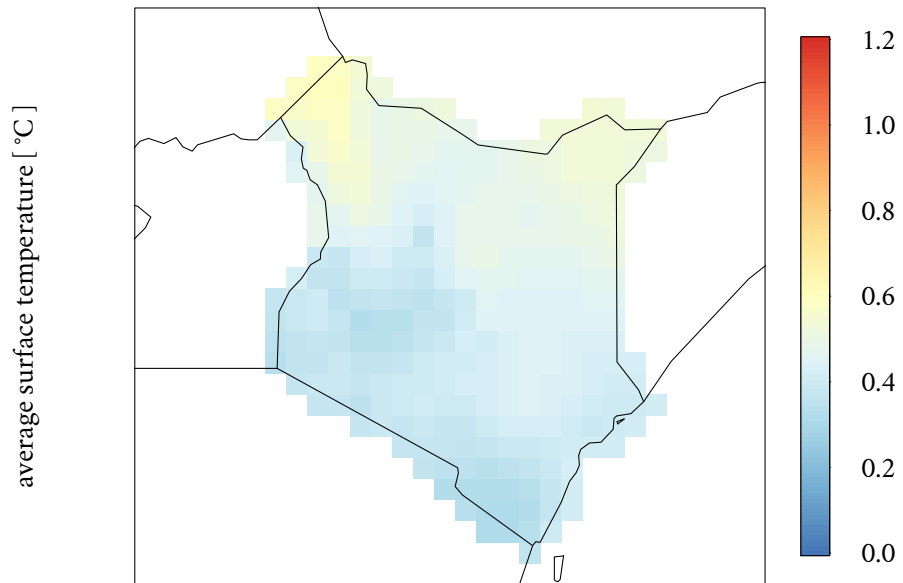
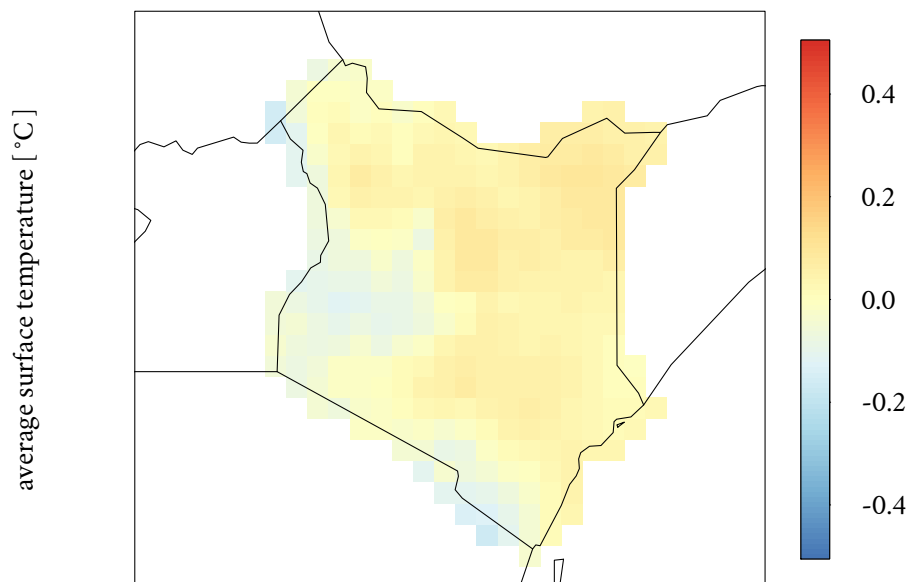


Figure 960: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.3.8 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 961: Mean across years, RCP 2.6, 2020 .. 2049

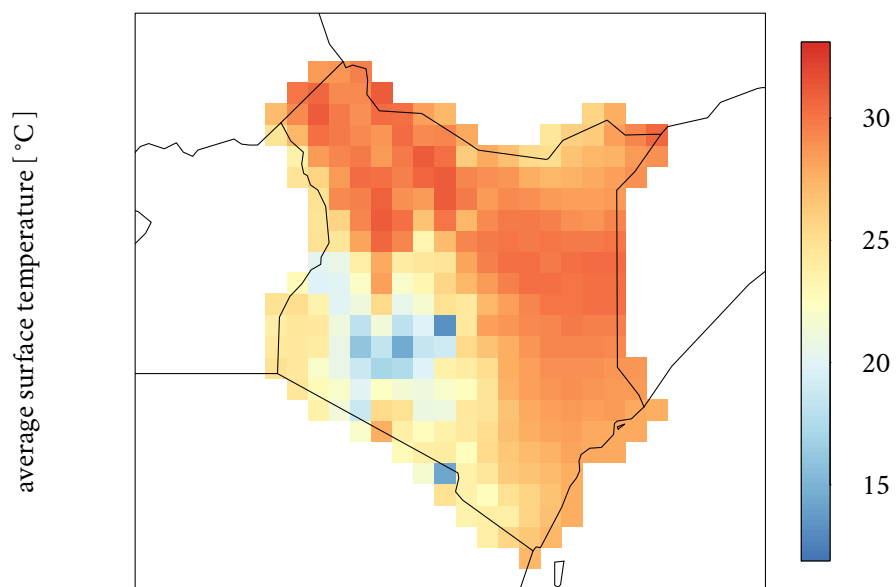


Figure 962: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

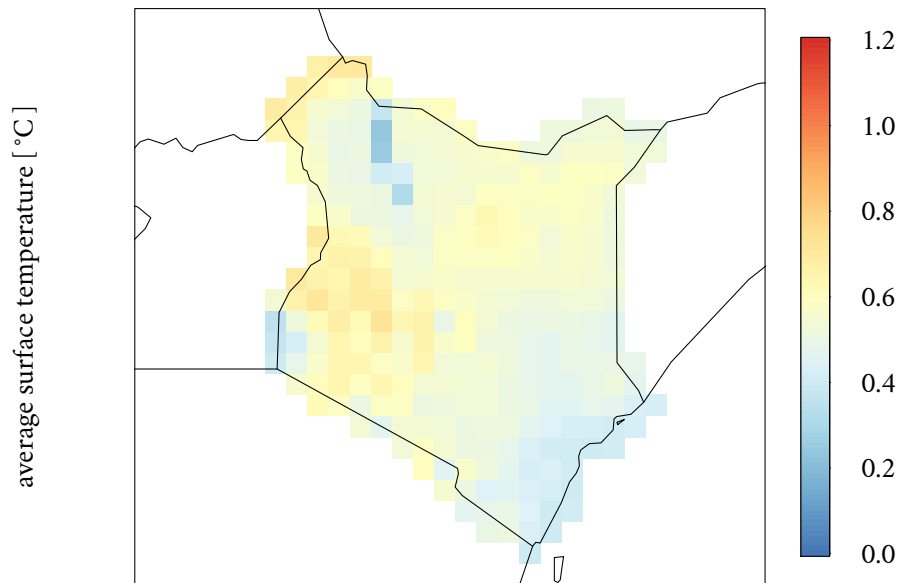


Figure 963: Mean across years, RCP 2.6, 2060 .. 2089

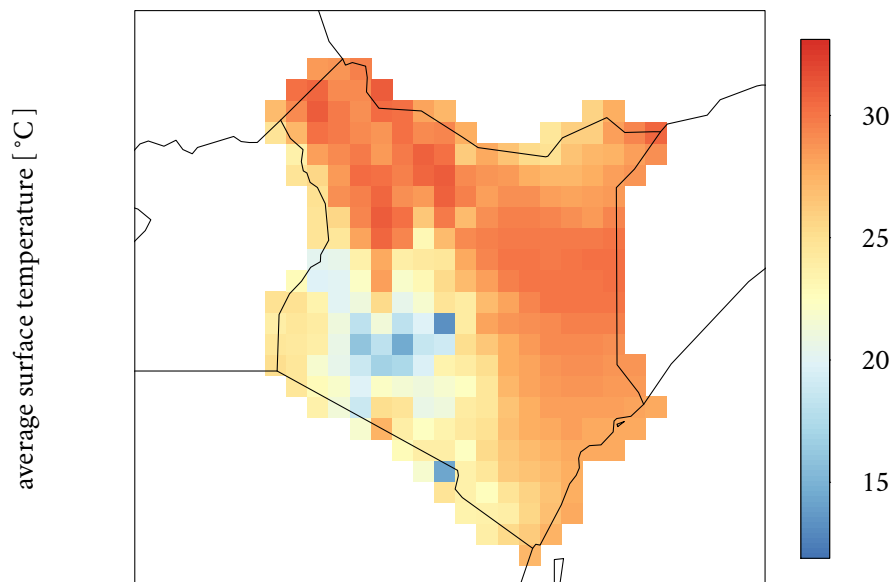


Figure 964: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

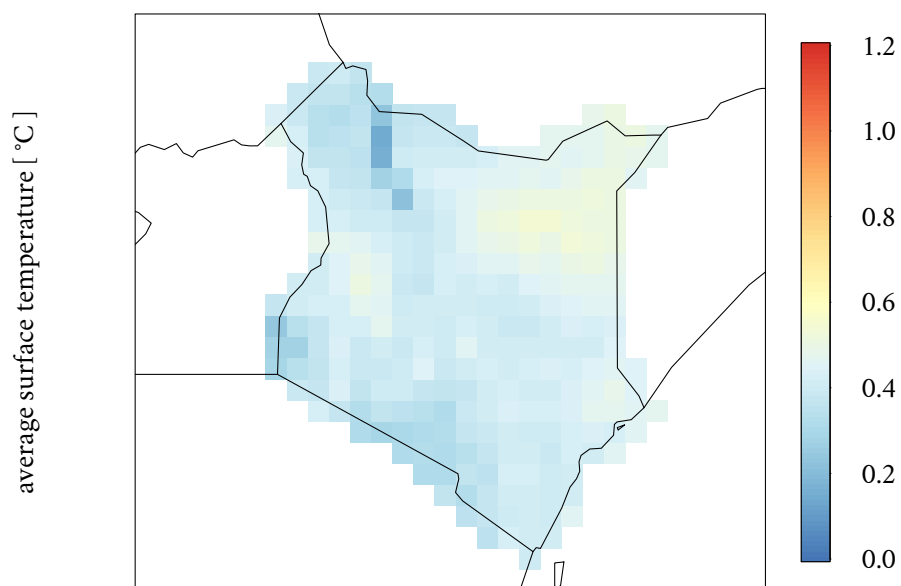
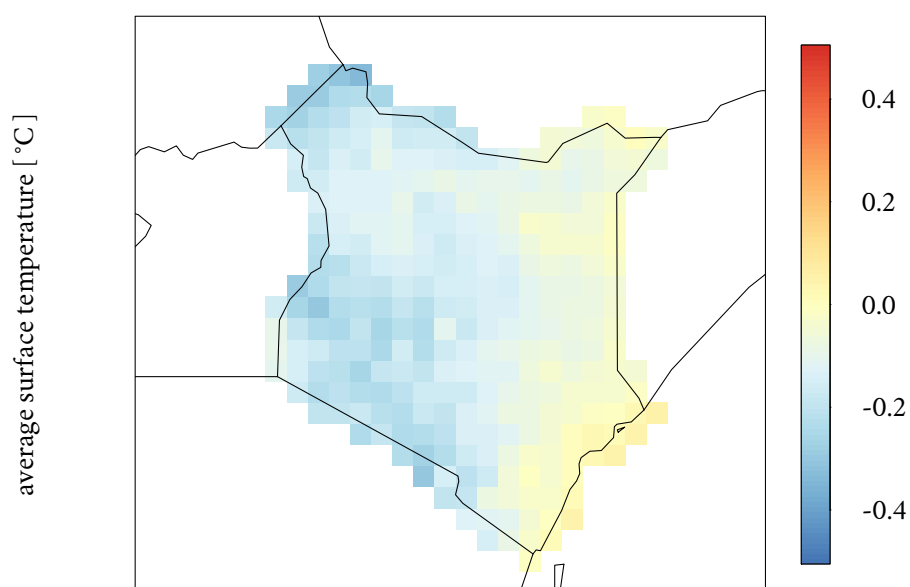


Figure 965: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.3.9 GCM NCC-NorESM1-M / RCM RCA4

Figure 966: Mean across years, RCP 2.6, 2020 .. 2049

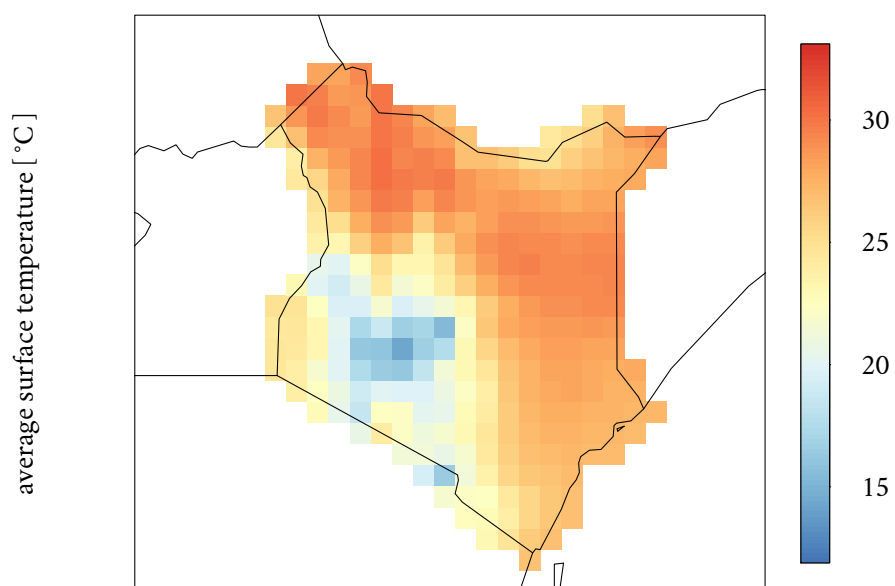


Figure 967: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

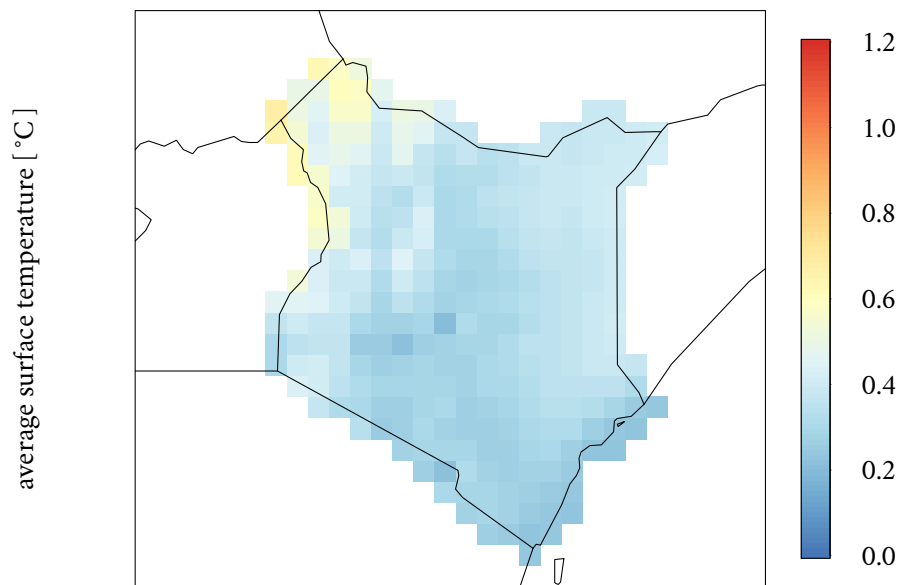


Figure 968: Mean across years, RCP 2.6, 2060 .. 2089

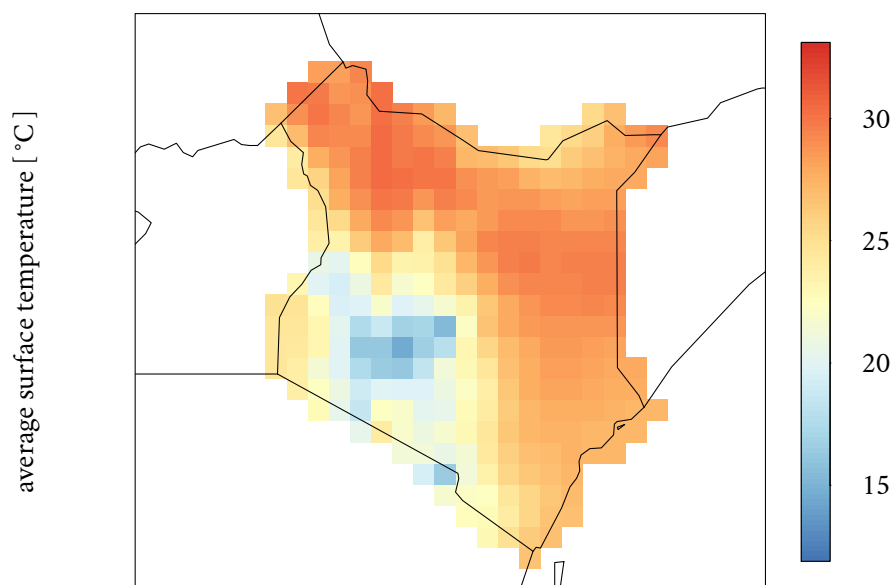


Figure 969: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

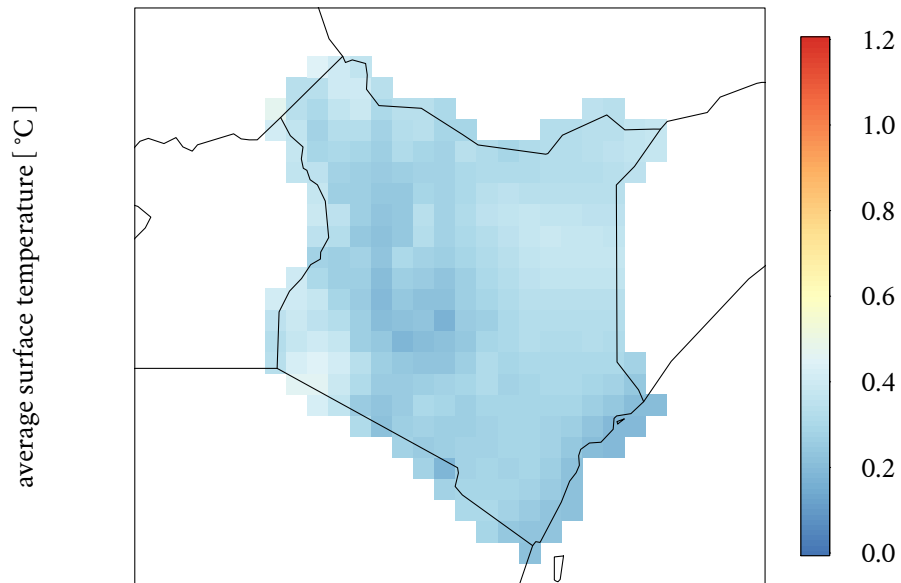
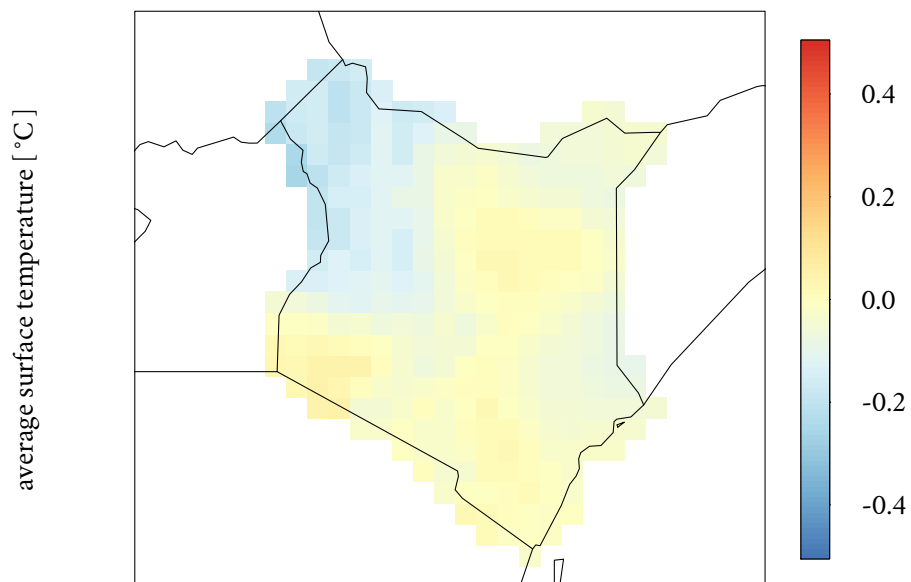


Figure 970: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.3.10 GCM NOAA-GFDL-GFDL-ESM2G / RCM REMO2009

Figure 971: Mean across years, RCP 2.6, 2020 .. 2049

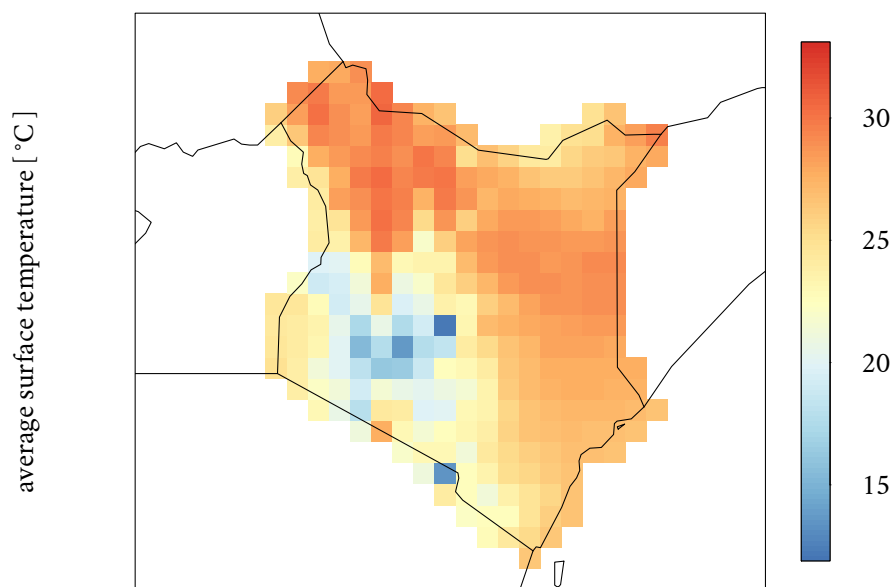


Figure 972: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

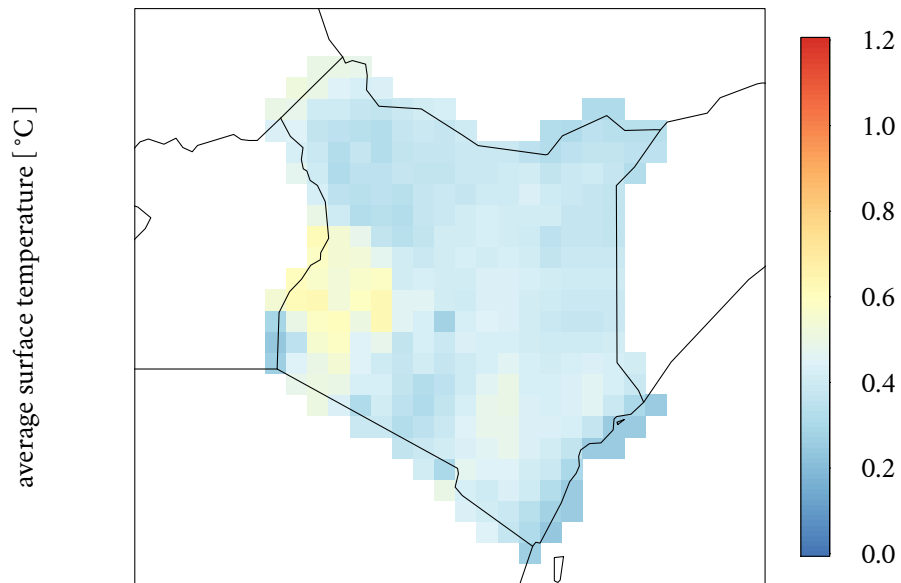


Figure 973: Mean across years, RCP 2.6, 2060 .. 2089

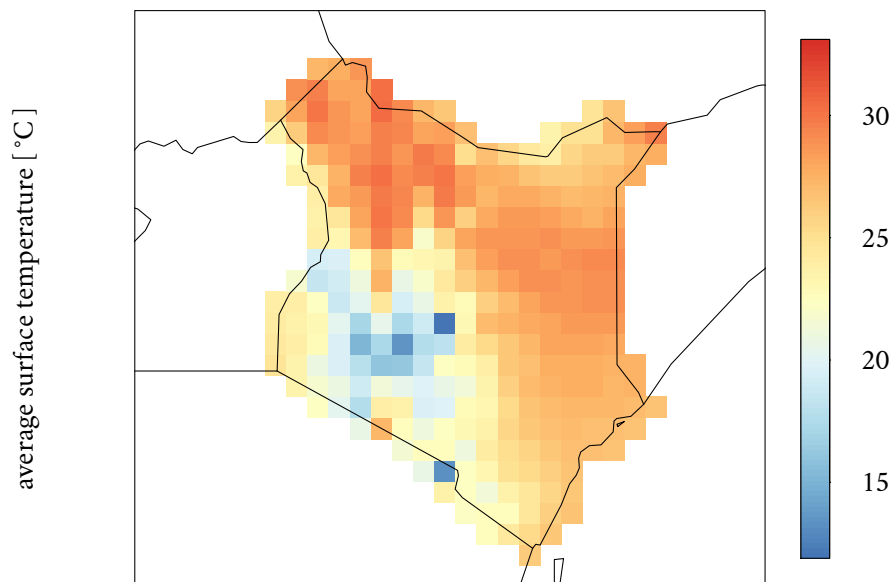


Figure 974: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

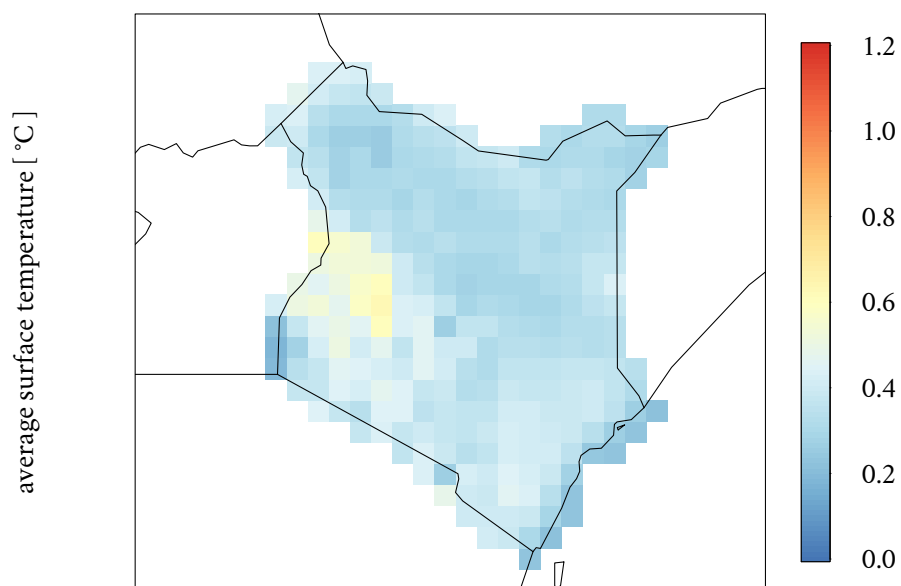
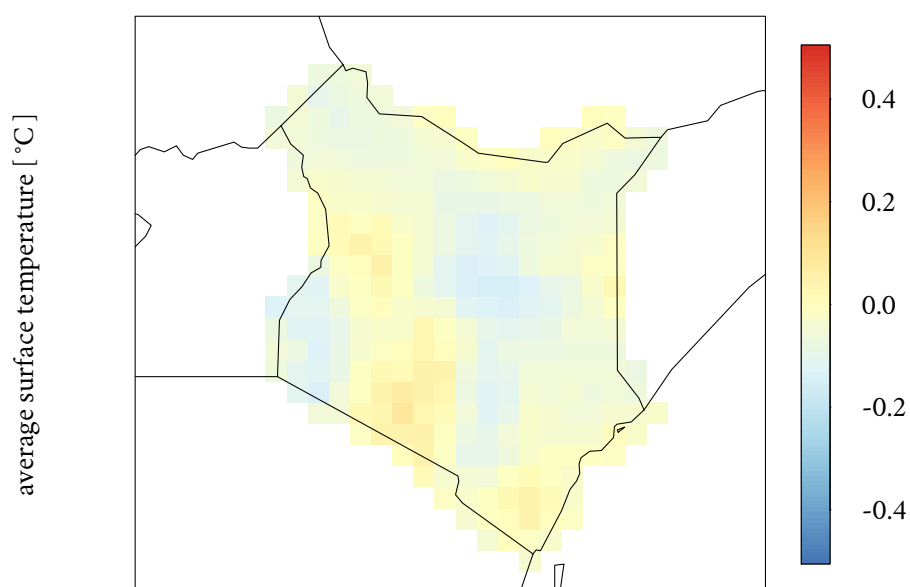


Figure 975: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



C.4 Kenya / RCP 8.5

C.4.1 GCM CCCma-CanESM2 / RCM RCA4

Figure 976: Mean across years, RCP 8.5, 2020 .. 2049

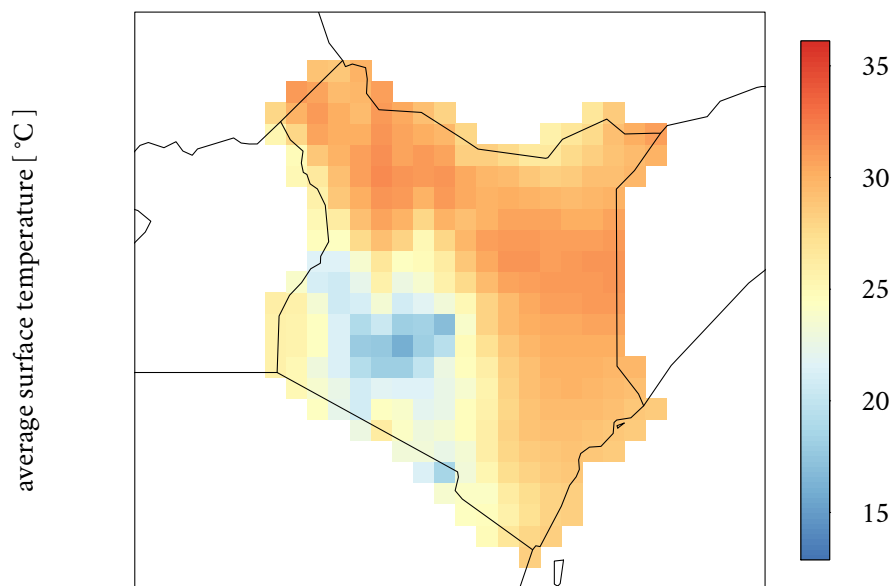


Figure 977: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

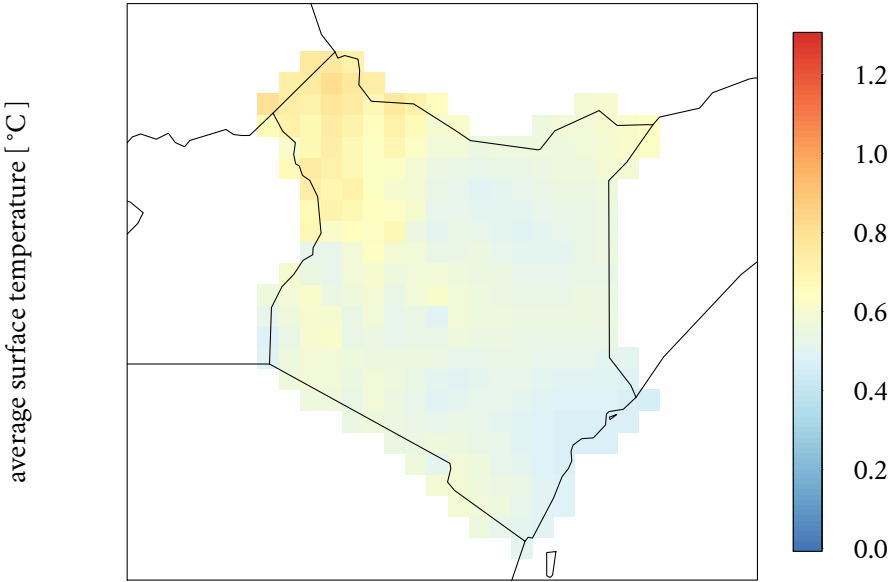


Figure 978: Mean across years, RCP 8.5, 2060 .. 2089

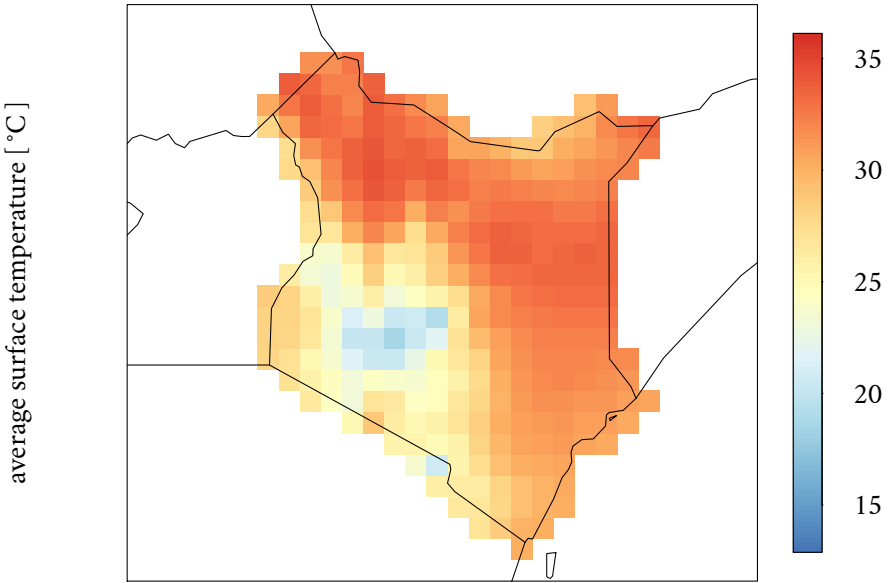


Figure 979: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

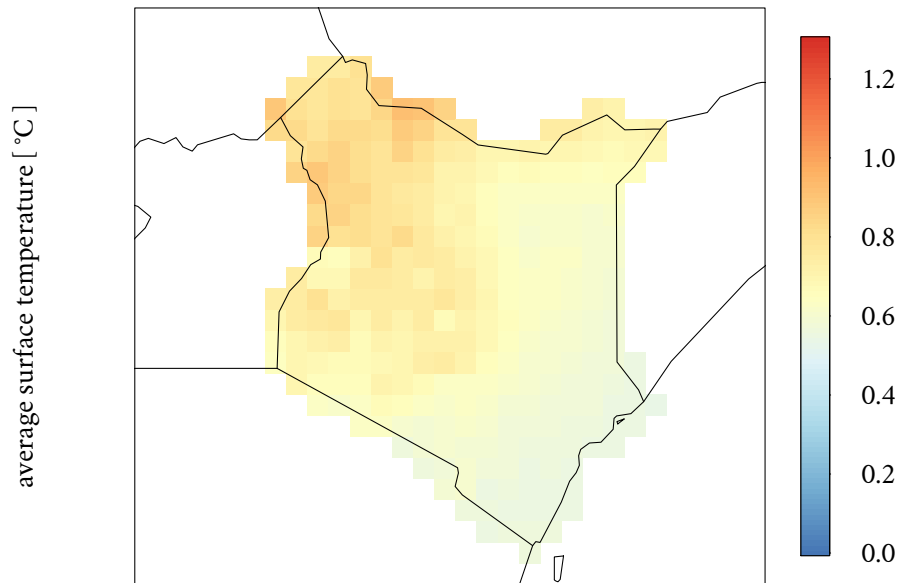
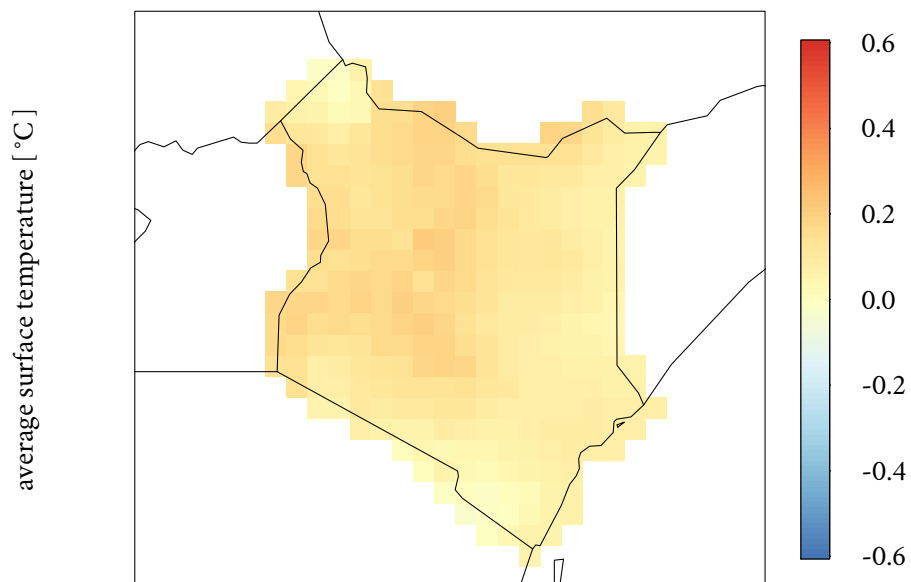


Figure 980: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.2 GCM CNRM-CERFACS-CNRM-CM5 / RCM CCLM4-8-17

Figure 981: Mean across years, RCP 8.5, 2020 .. 2049

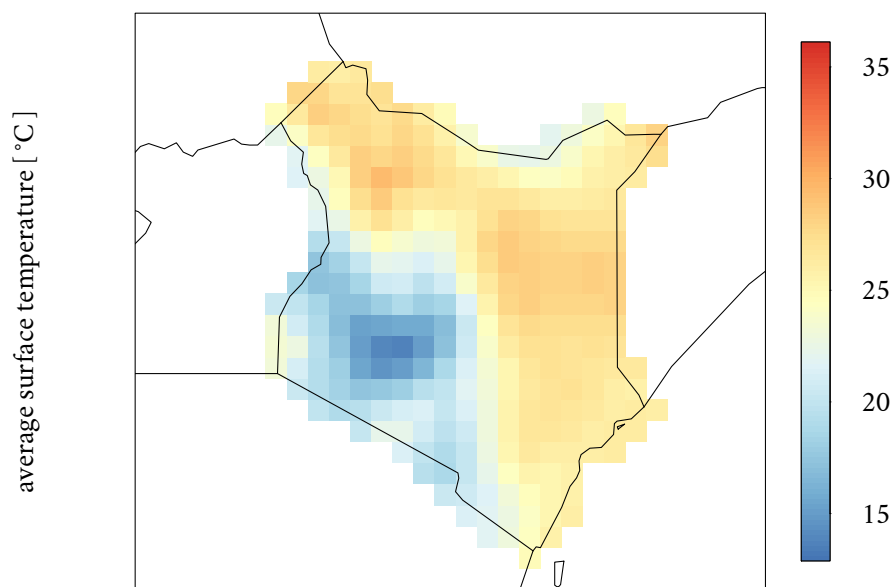


Figure 982: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

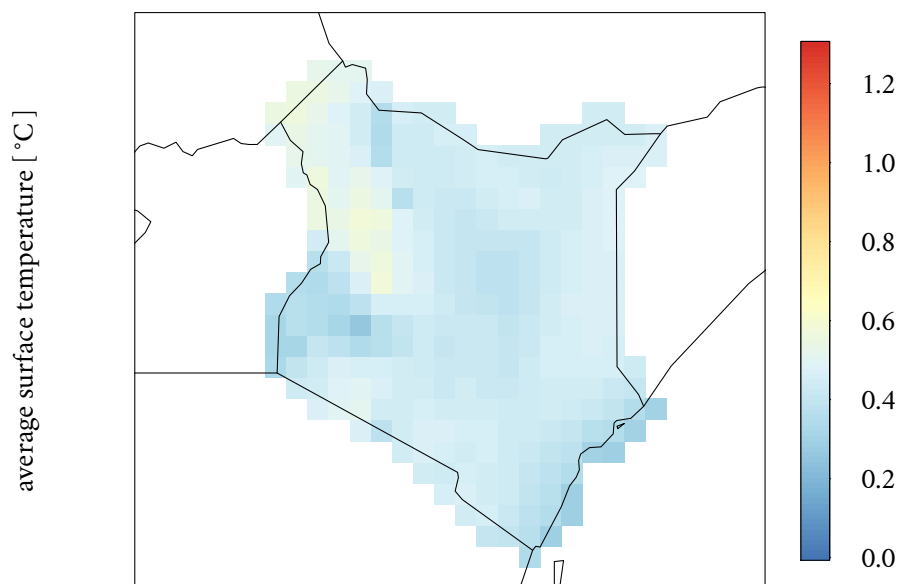


Figure 983: Mean across years, RCP 8.5, 2060 .. 2089

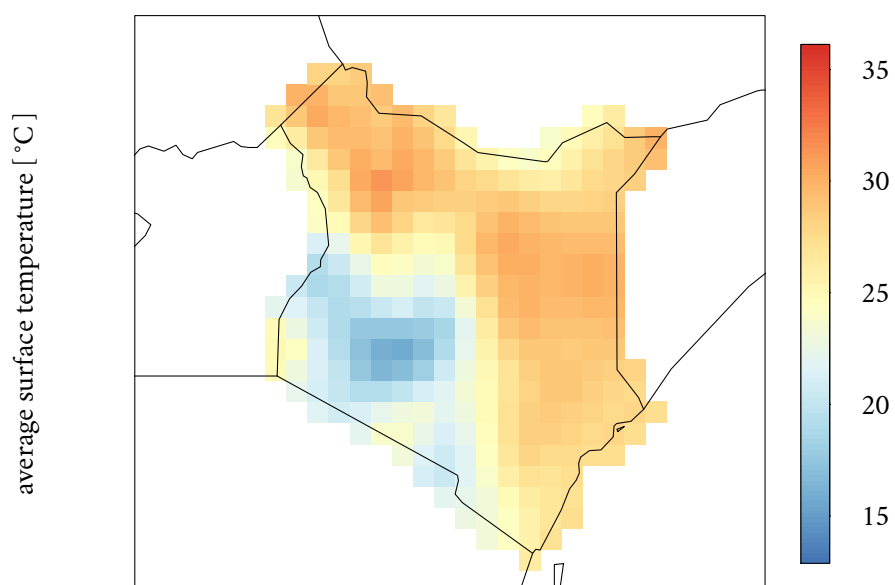


Figure 984: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

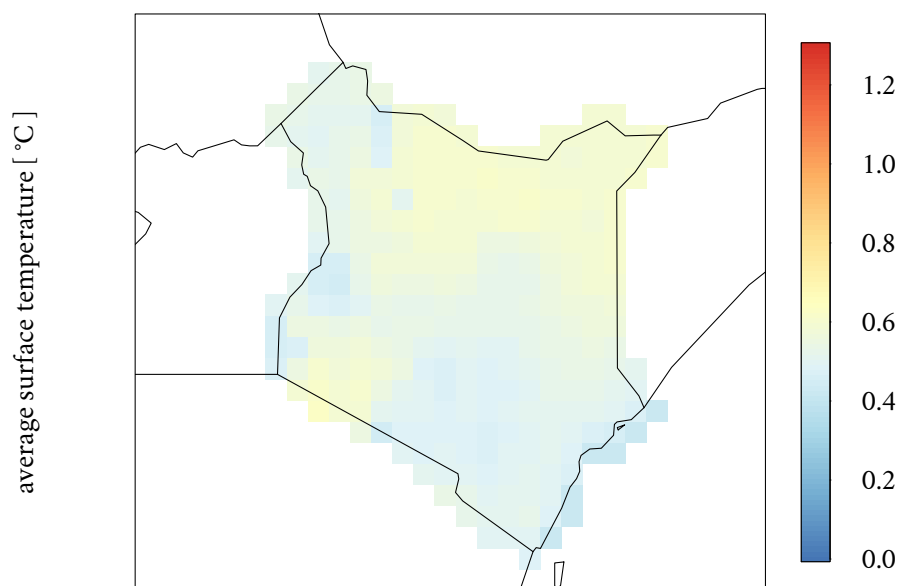
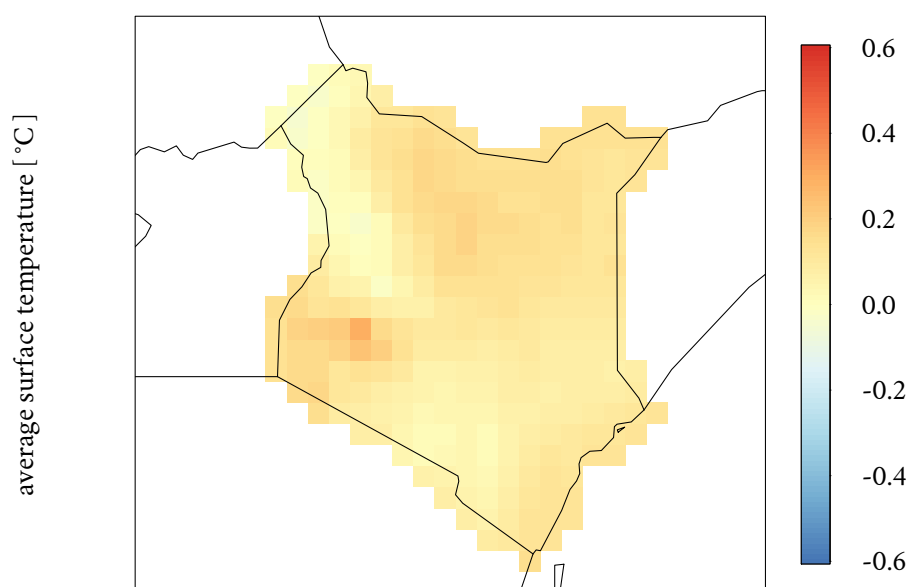


Figure 985: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.3 GCM CNRM-CERFACS-CNRM-CM5 / RCM RCA4

Figure 986: Mean across years, RCP 8.5, 2020 .. 2049

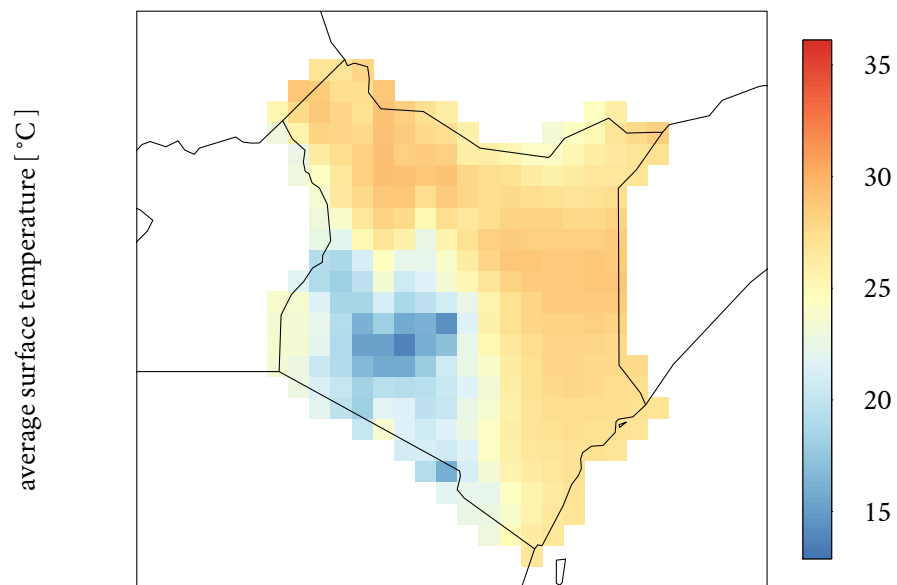


Figure 987: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

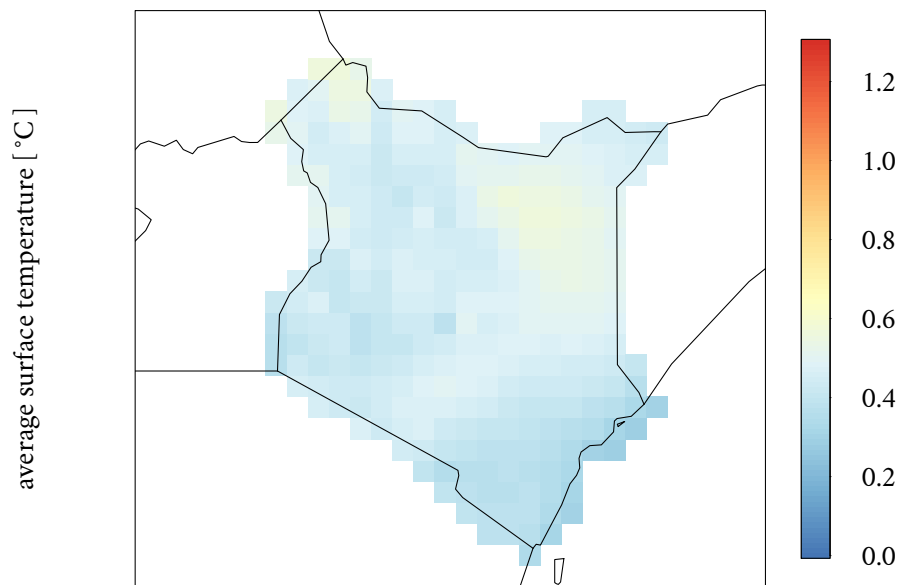


Figure 988: Mean across years, RCP 8.5, 2060 .. 2089

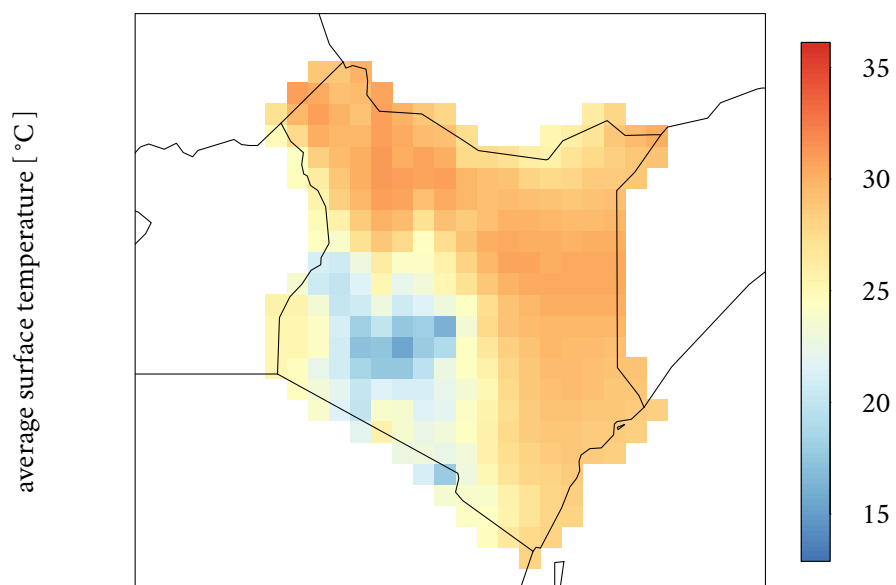


Figure 989: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

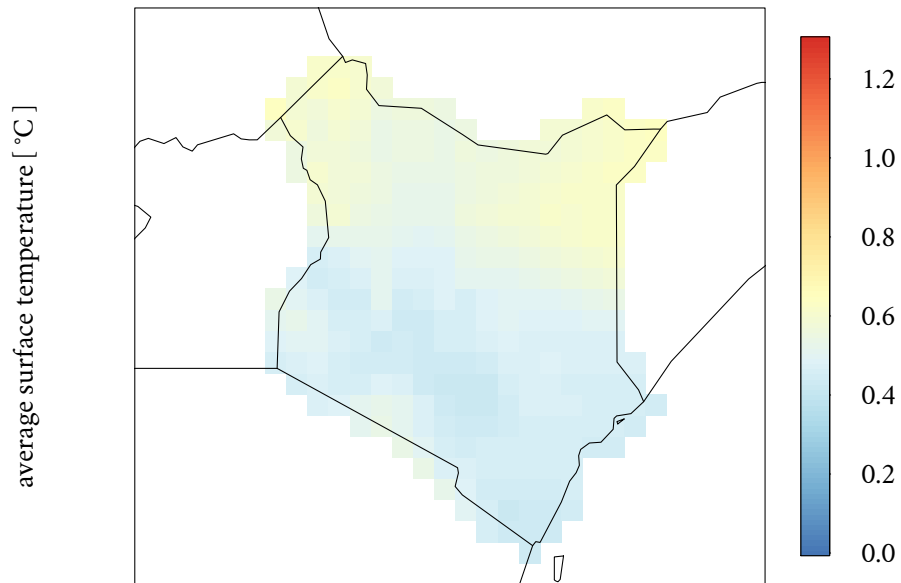
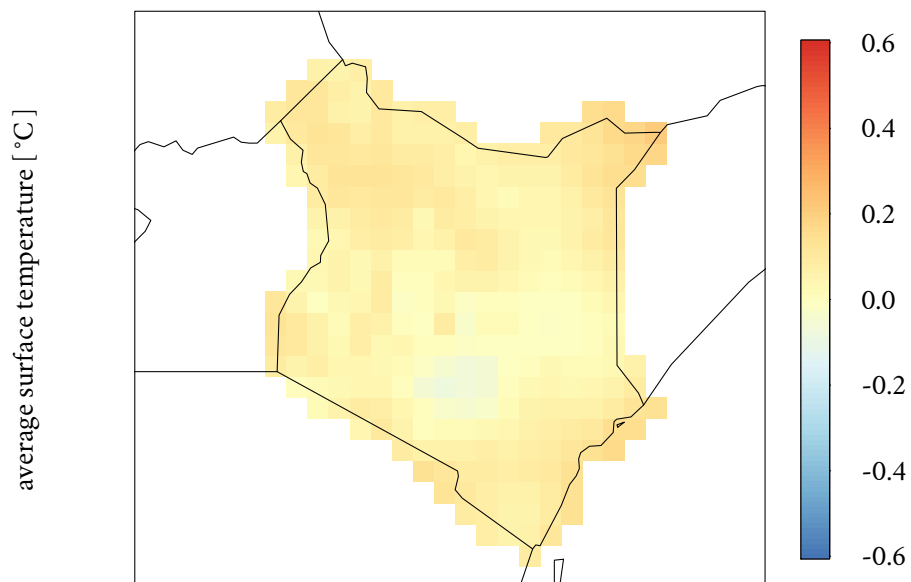


Figure 990: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.4 GCM CSIRO-QCCCE-CSIRO-Mk3-6-0 / RCM RCA4

Figure 991: Mean across years, RCP 8.5, 2020 .. 2049

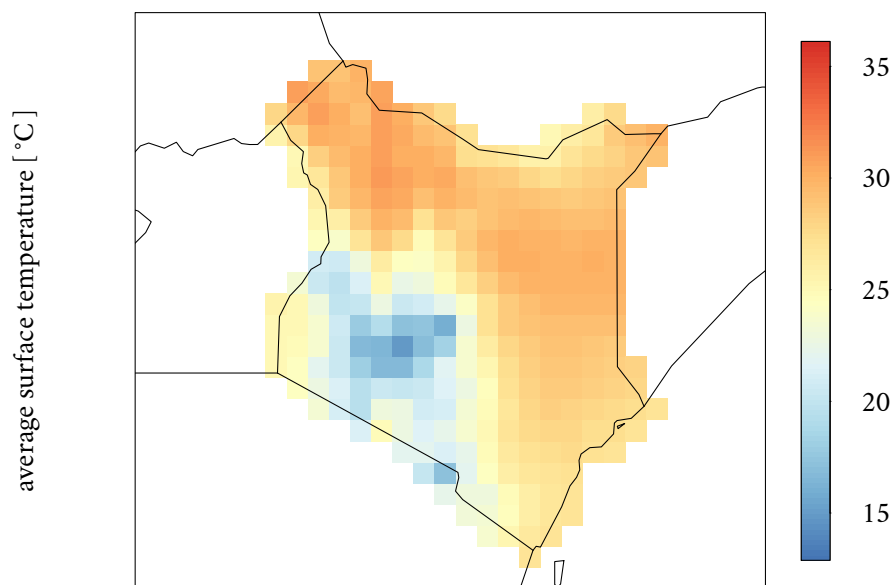


Figure 992: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

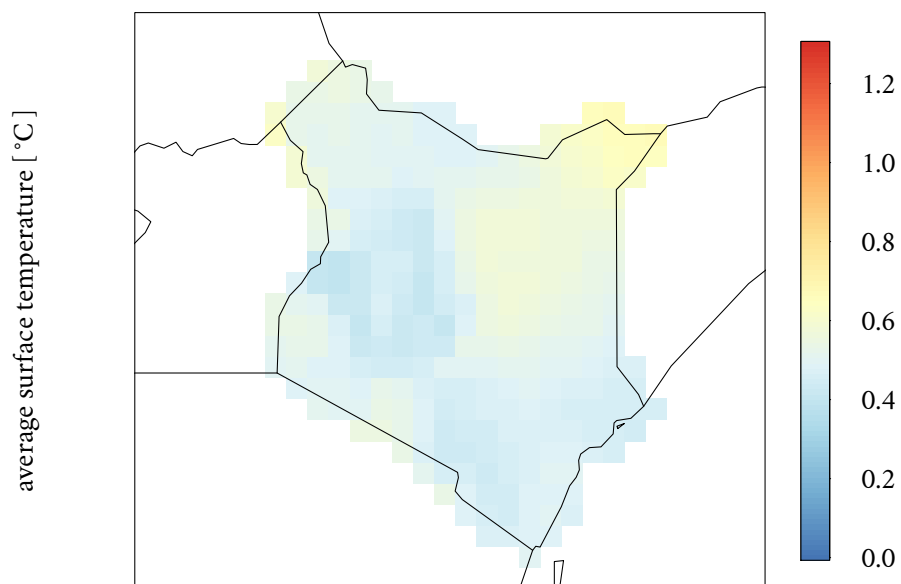


Figure 993: Mean across years, RCP 8.5, 2060 .. 2089

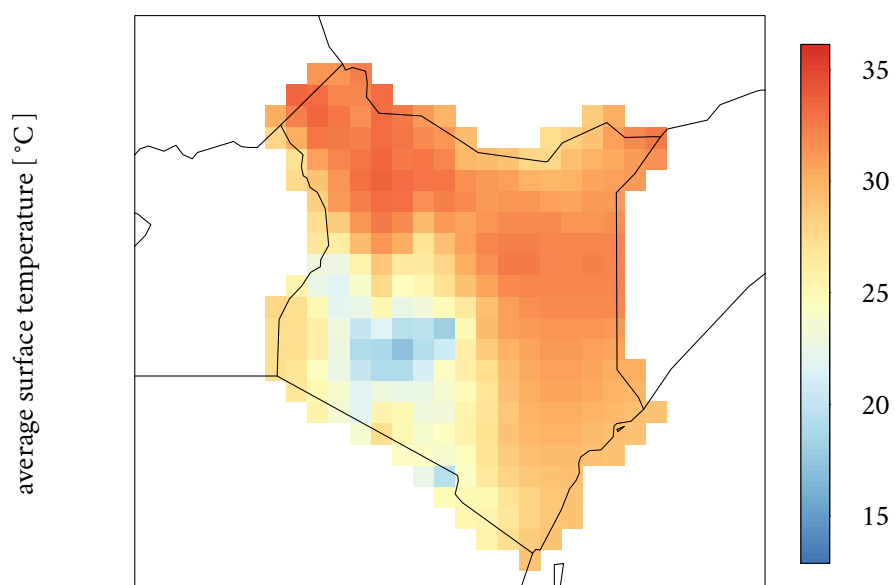


Figure 994: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

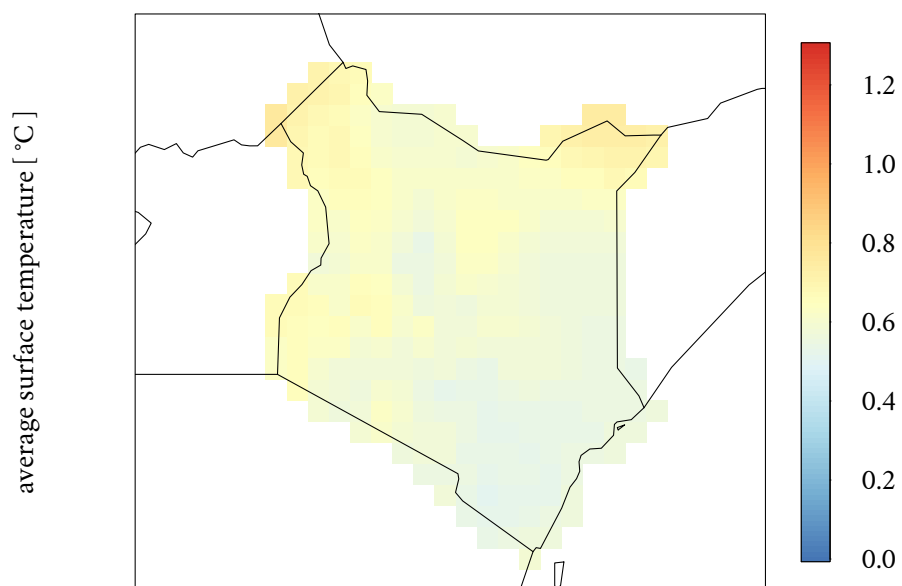
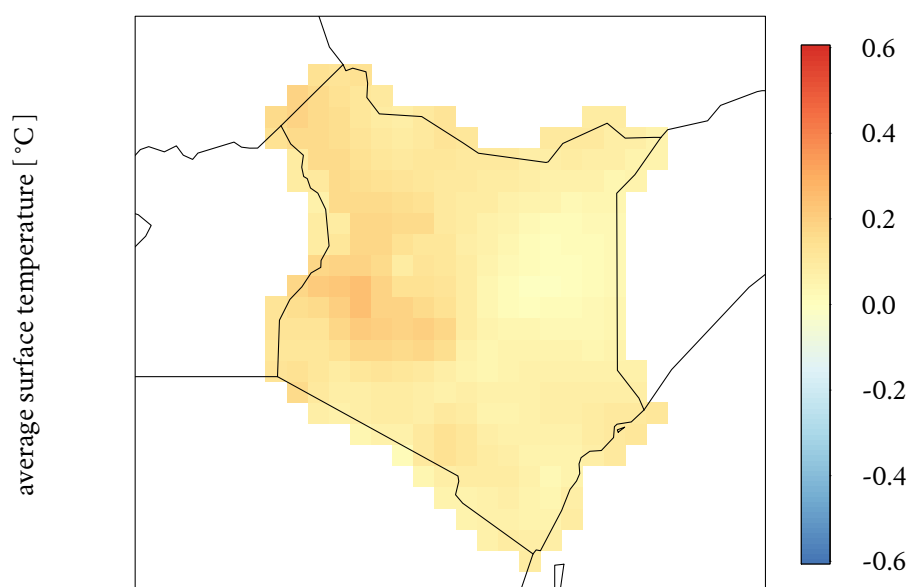


Figure 995: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.5 GCM ICHEC-EC-EARTH / RCM RACMO22T

Figure 996: Mean across years, RCP 8.5, 2020 .. 2049

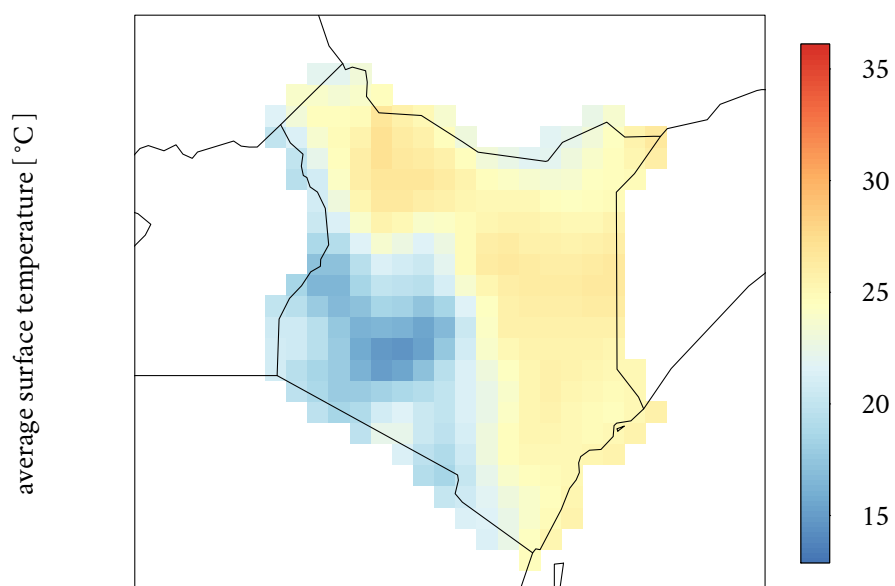


Figure 997: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

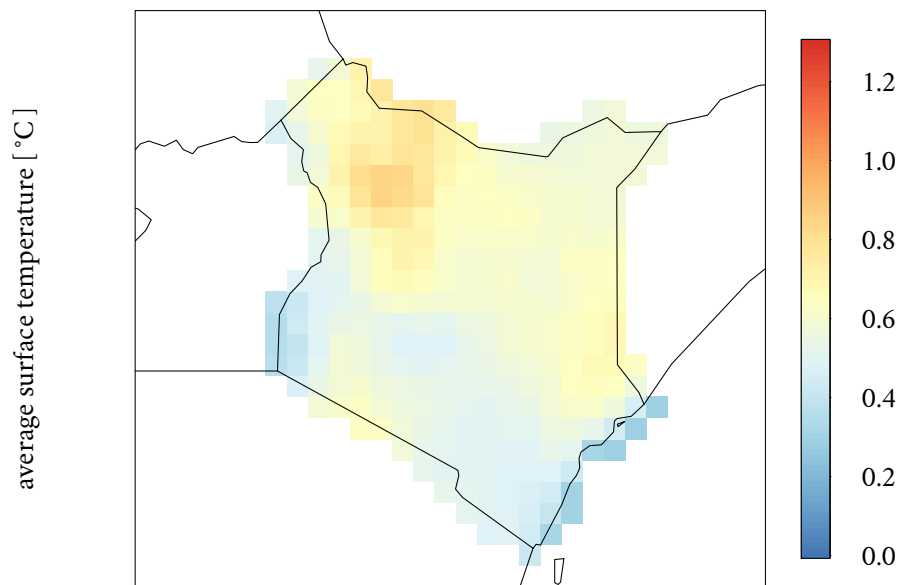


Figure 998: Mean across years, RCP 8.5, 2060 .. 2089

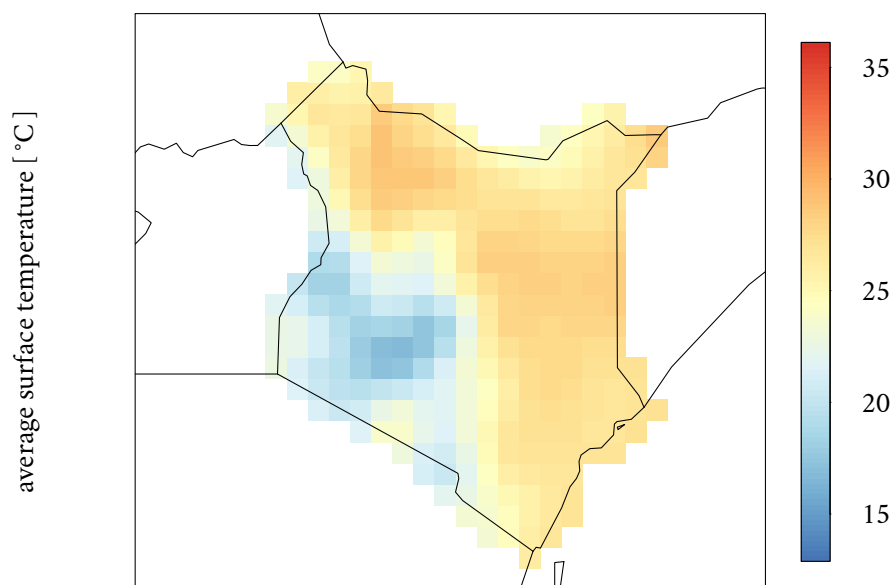


Figure 999: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

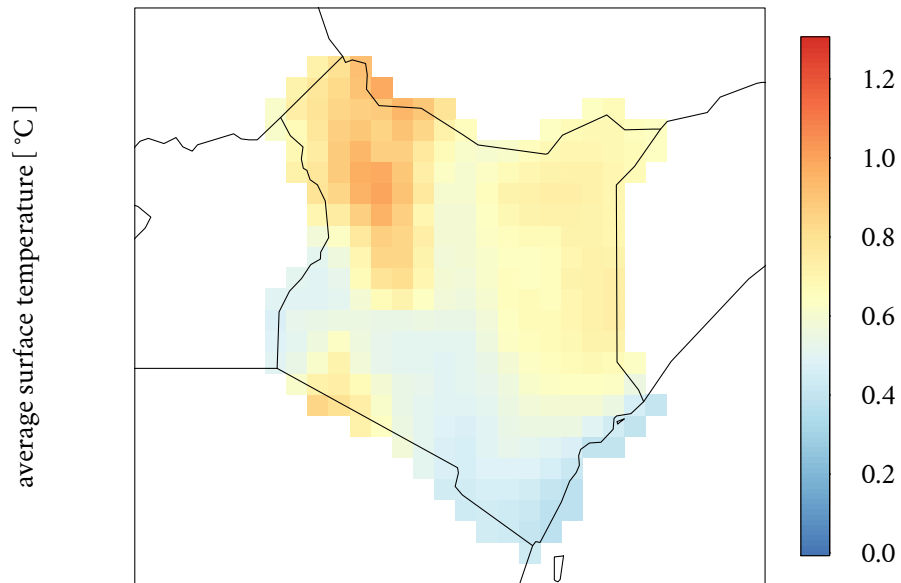
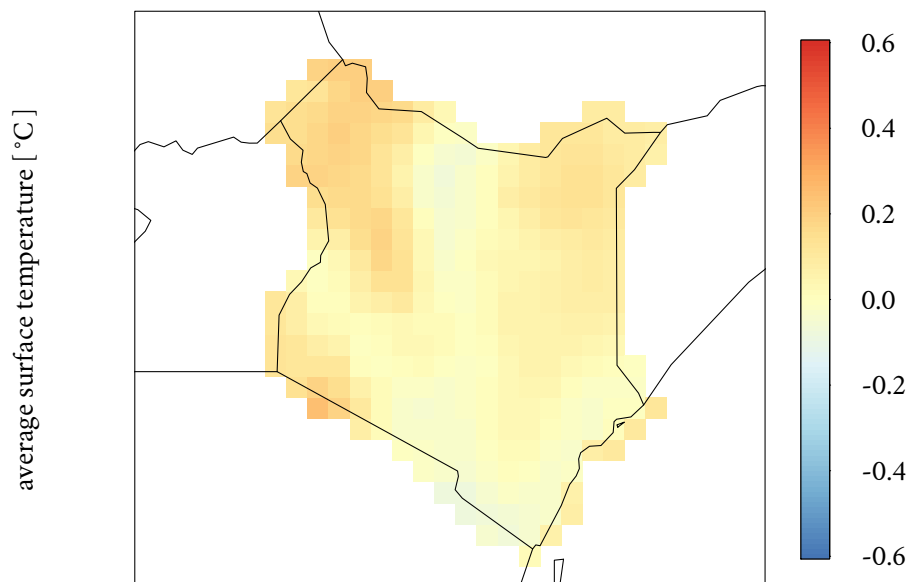


Figure 1000: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.6 GCM ICHEC-EC-EARTH / RCM RCA4

Figure 1001: Mean across years, RCP 8.5, 2020 .. 2049

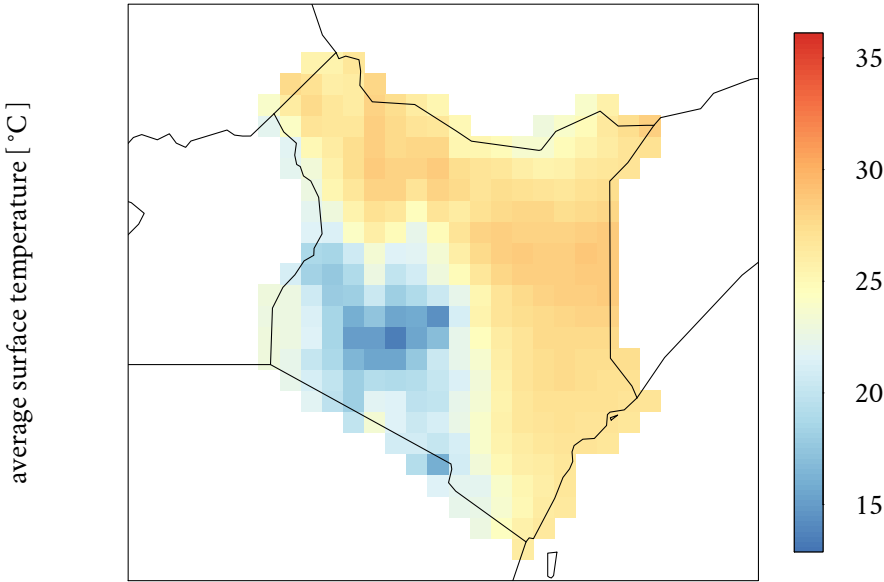


Figure 1002: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

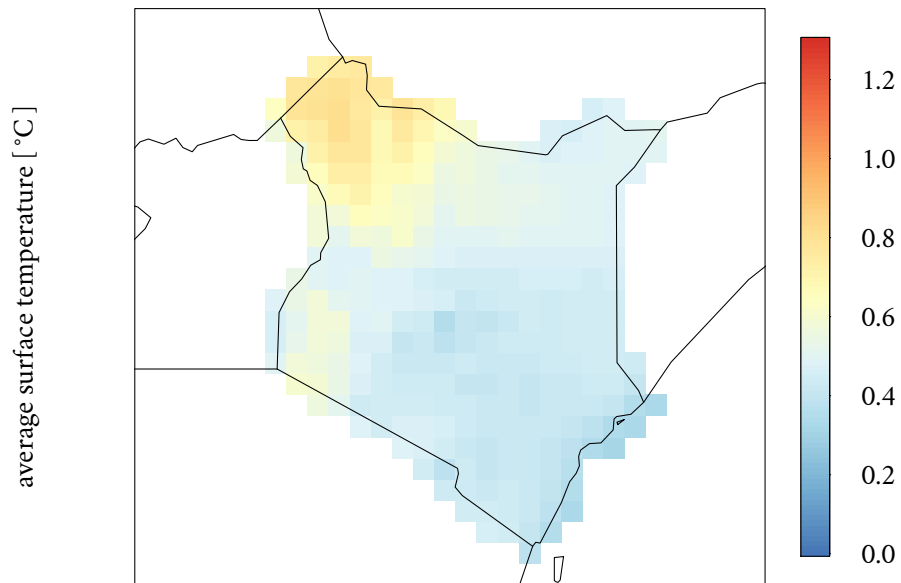


Figure 1003: Mean across years, RCP 8.5, 2060 .. 2089

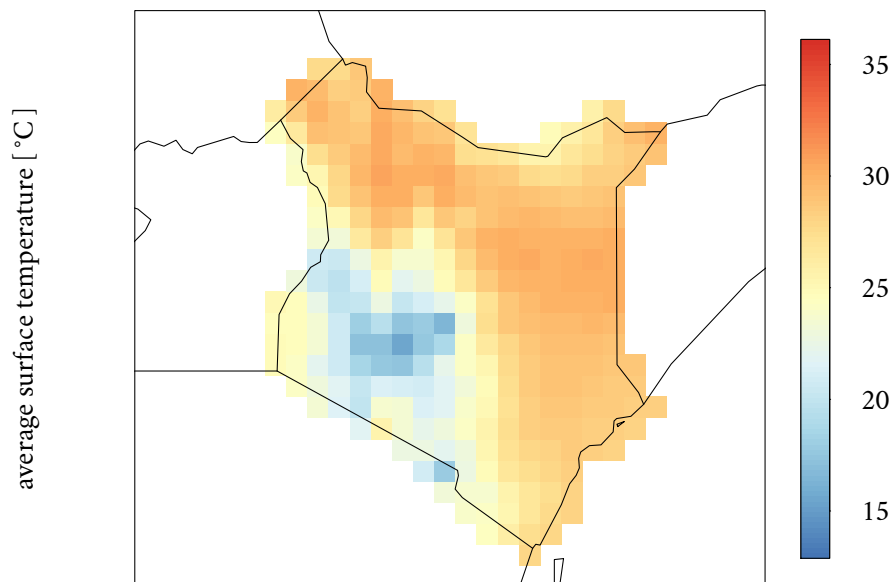


Figure 1004: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

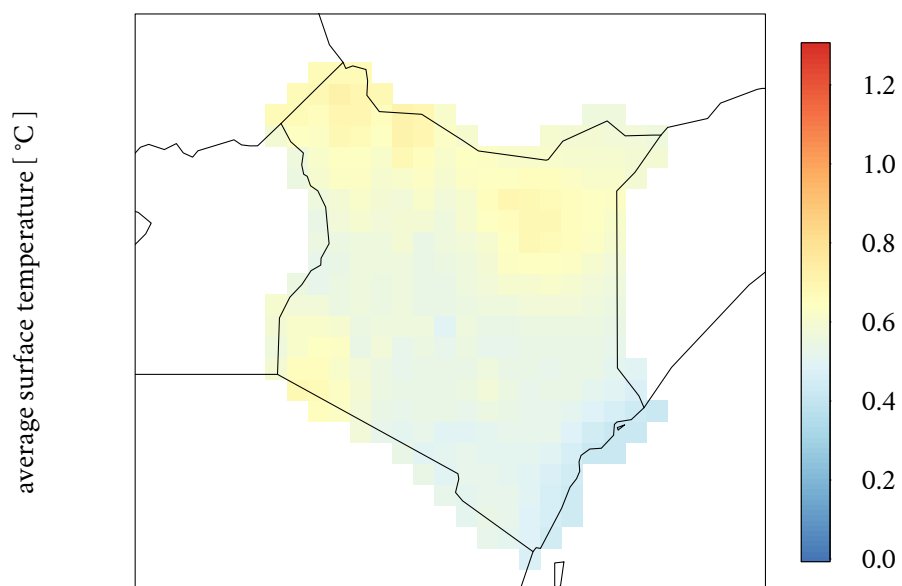
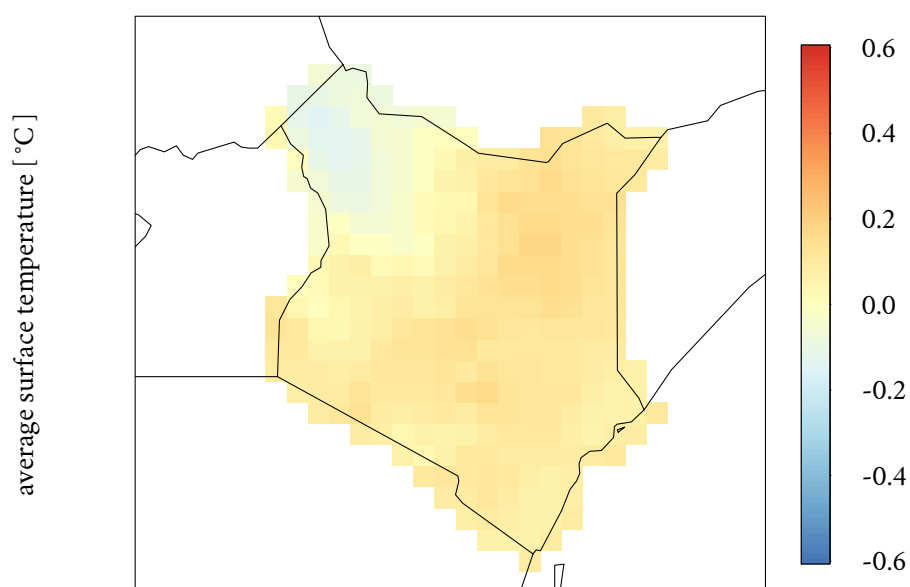


Figure 1005: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.7 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 1006: Mean across years, RCP 8.5, 2020 .. 2049

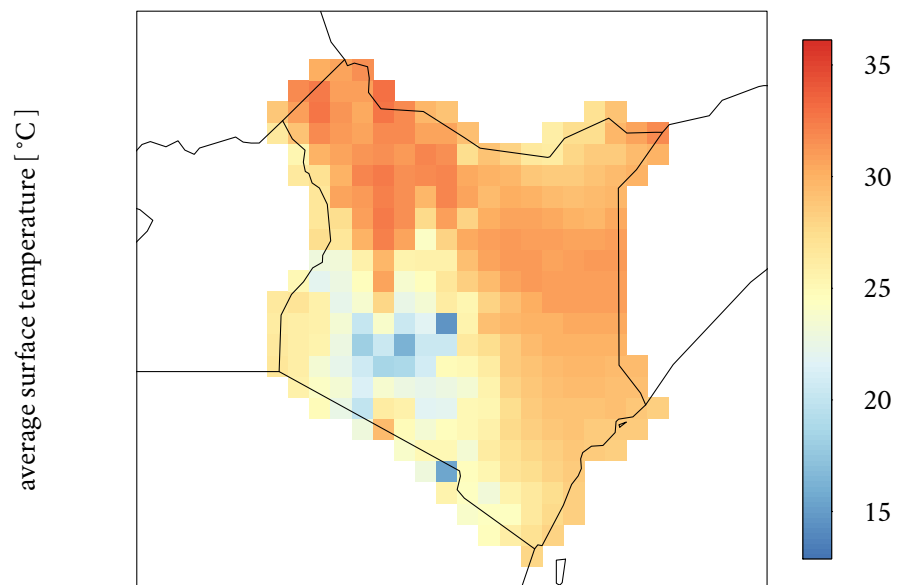


Figure 1007: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

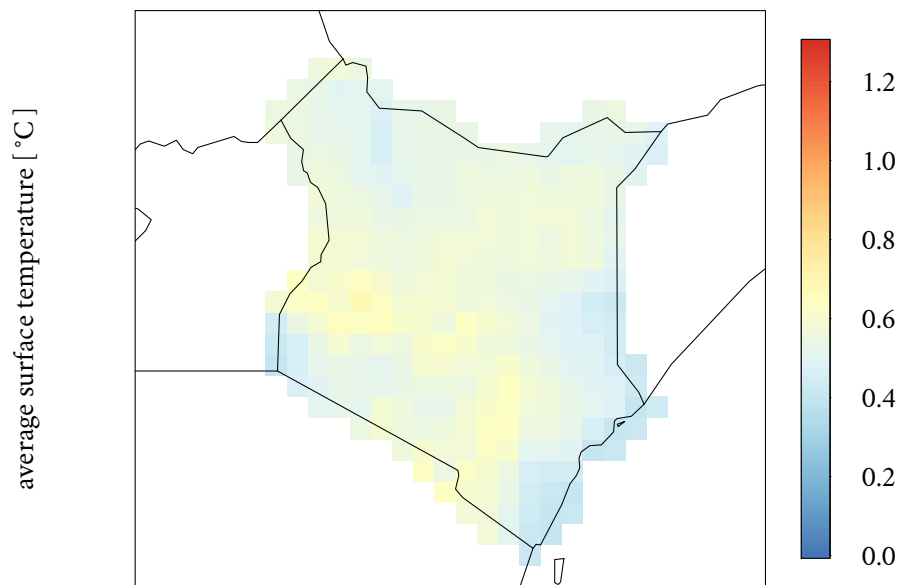


Figure 1008: Mean across years, RCP 8.5, 2060 .. 2089

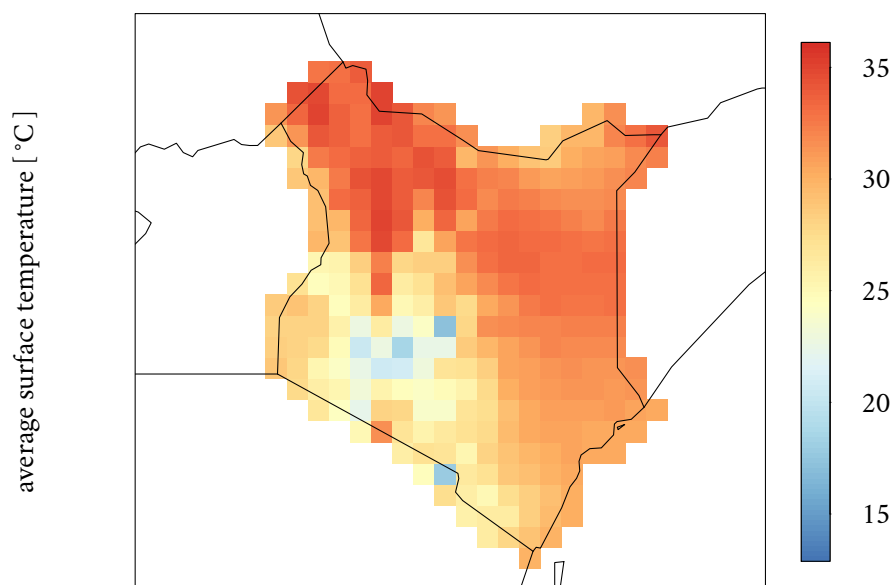


Figure 1009: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

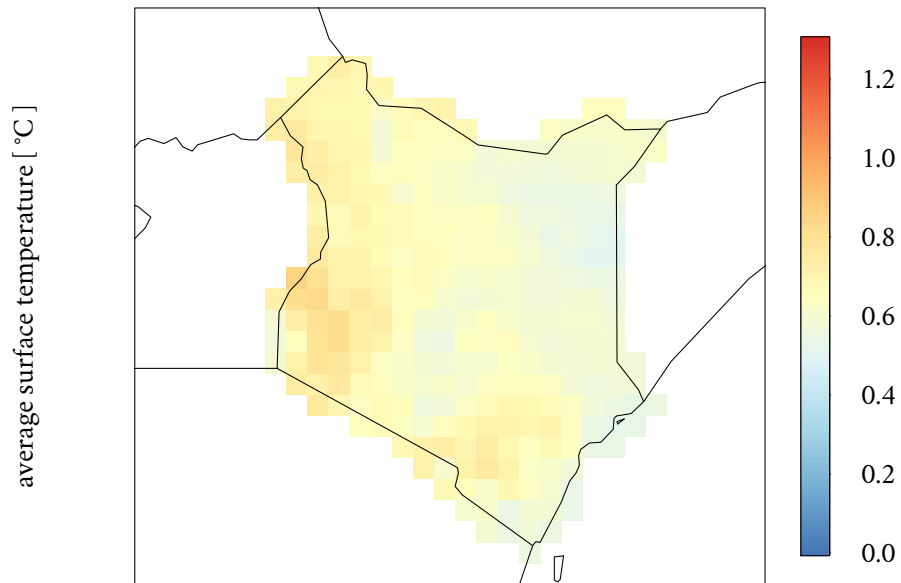
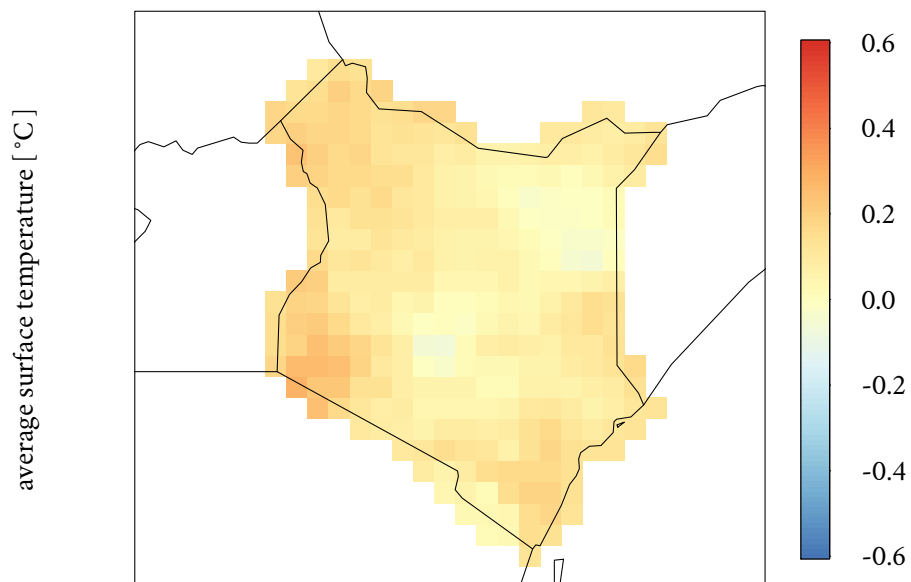


Figure 1010: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.8 GCM IPSL-IPSL-CM5A-MR / RCM RCA4

Figure 1011: Mean across years, RCP 8.5, 2020 .. 2049

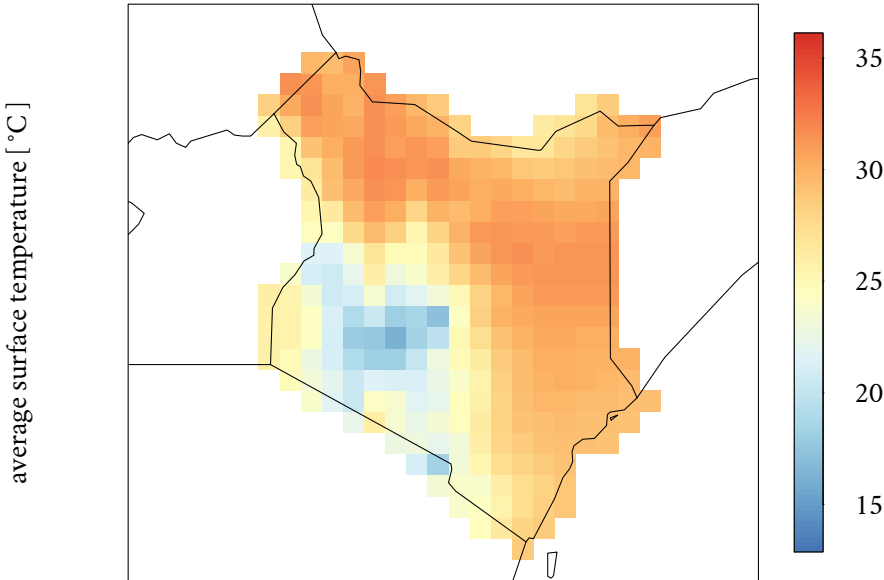


Figure 1012: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

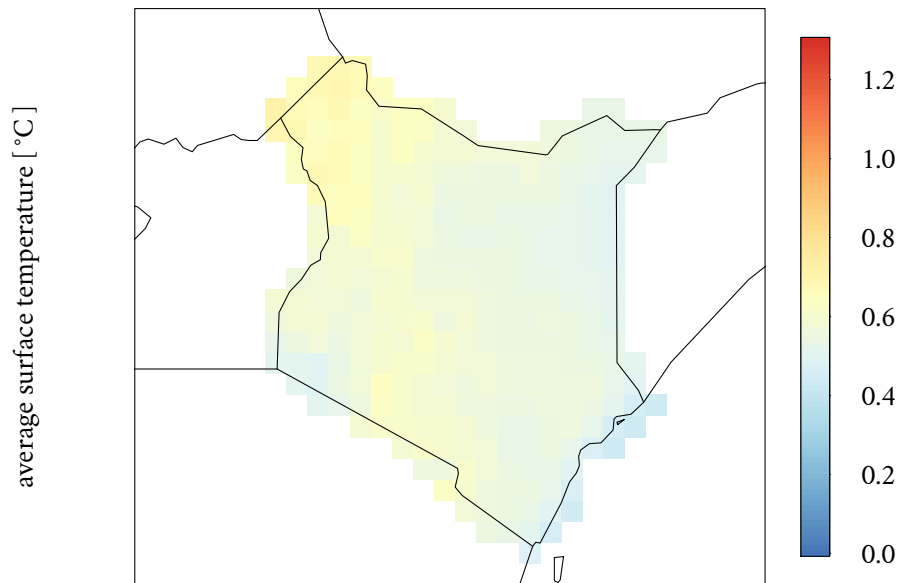


Figure 1013: Mean across years, RCP 8.5, 2060 .. 2089

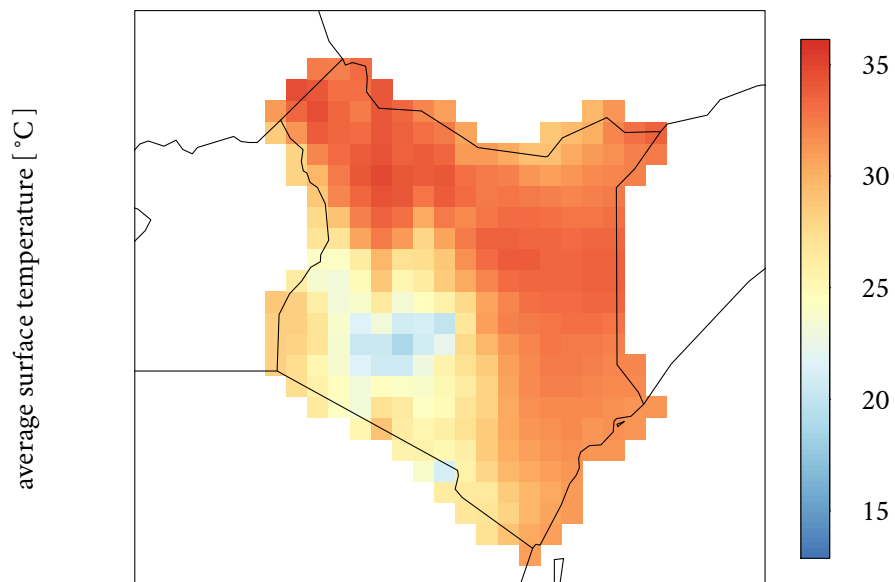


Figure 1014: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

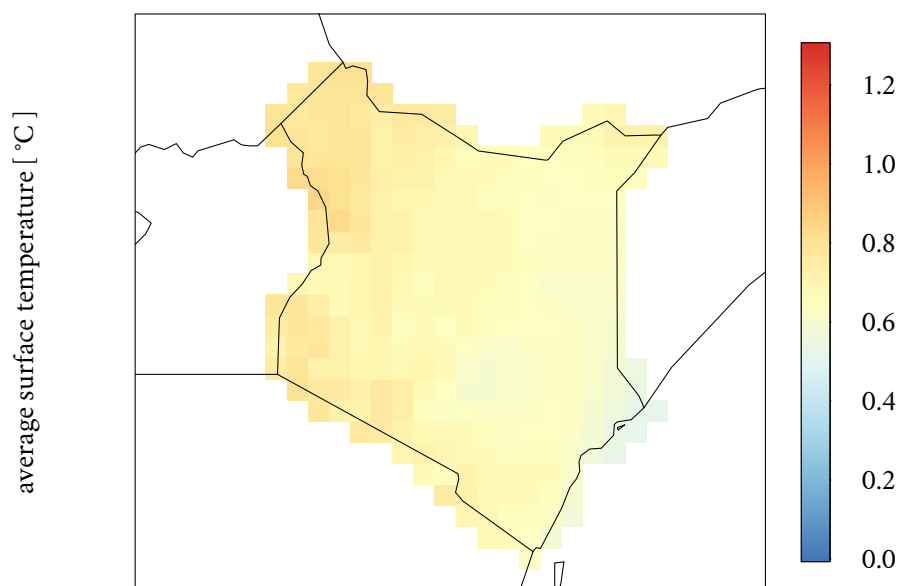
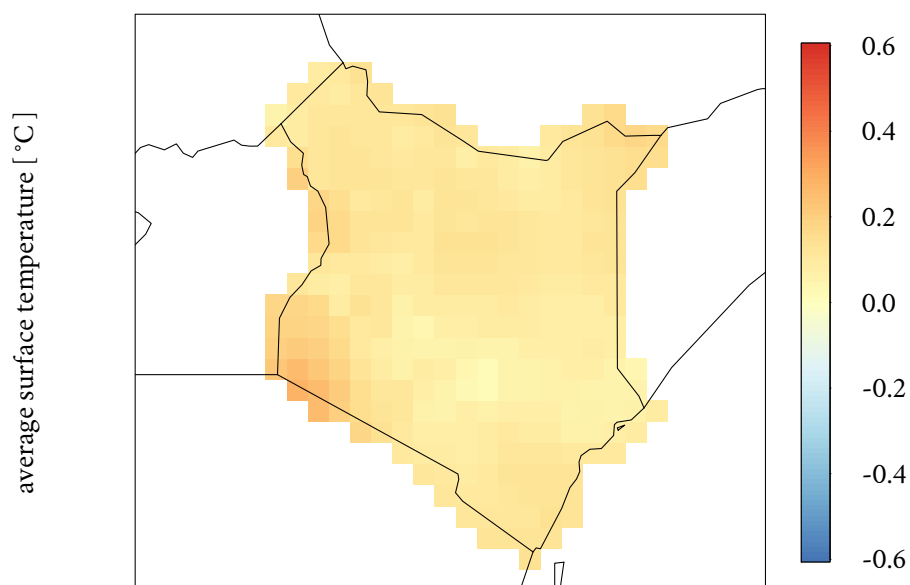


Figure 1015: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.9 GCM MIROC-MIROC5 / RCM RCA4

Figure 1016: Mean across years, RCP 8.5, 2020 .. 2049

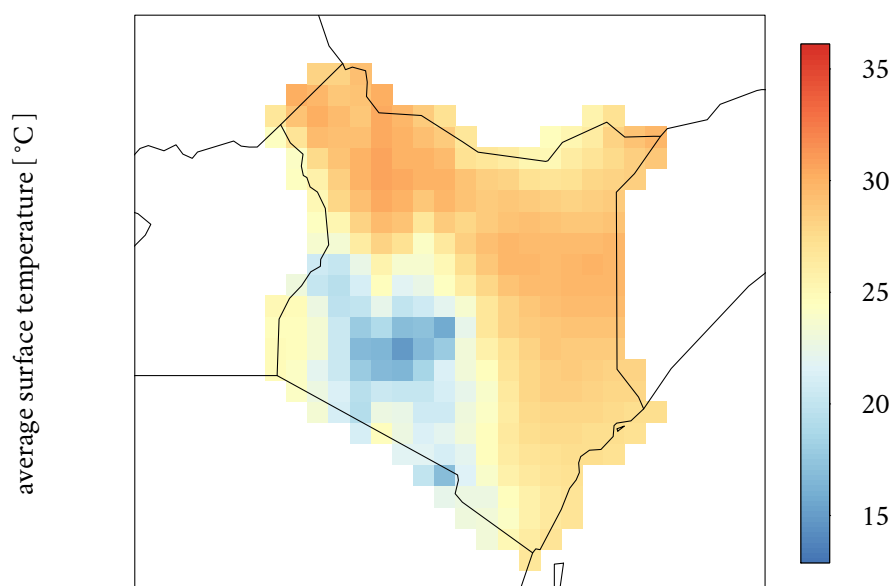


Figure 1017: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

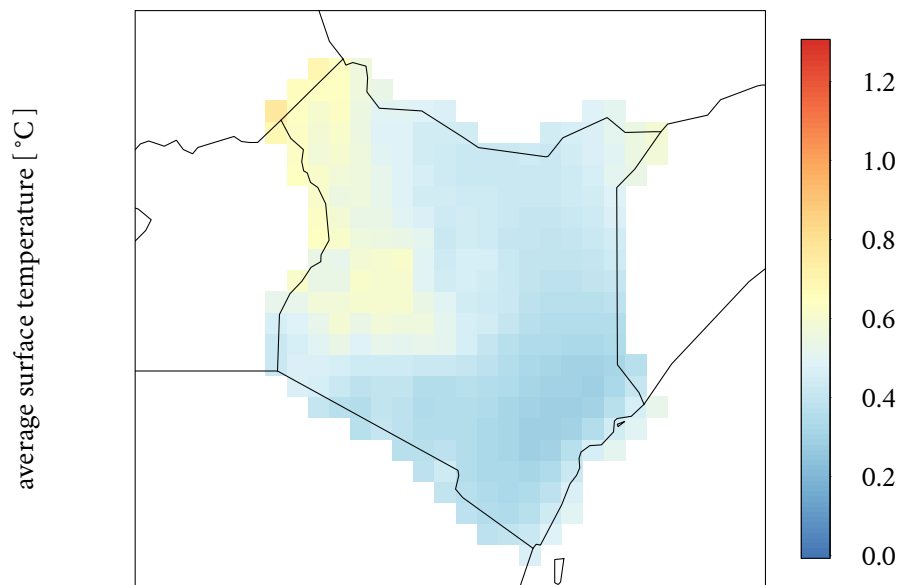


Figure 1018: Mean across years, RCP 8.5, 2060 .. 2089

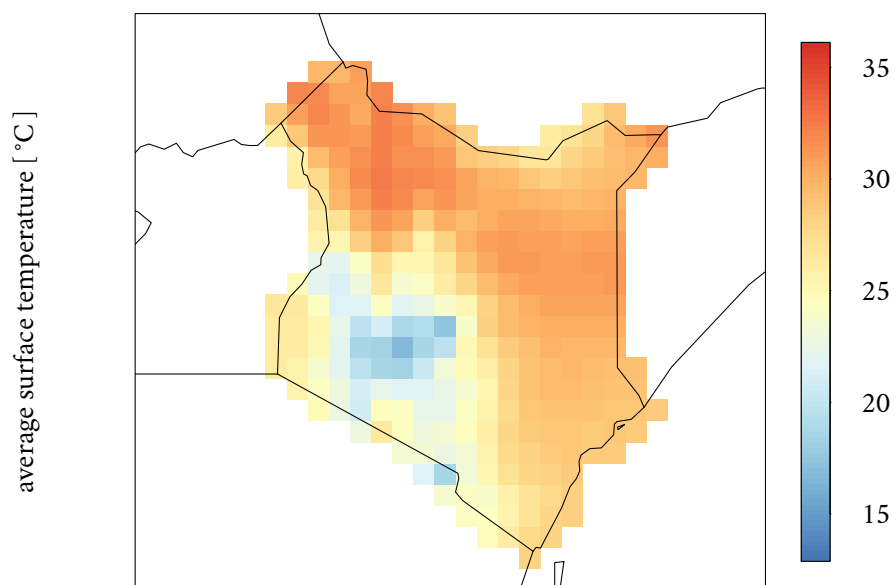


Figure 1019: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

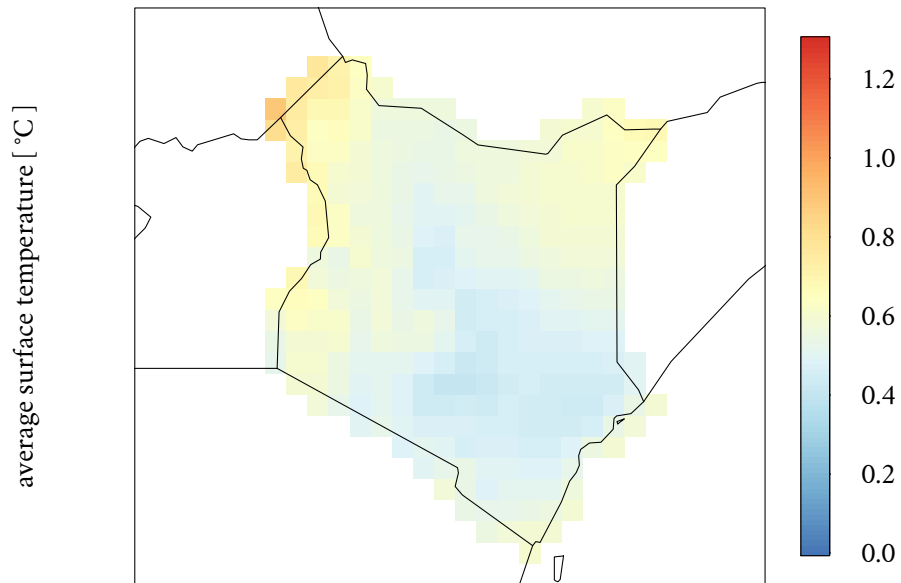
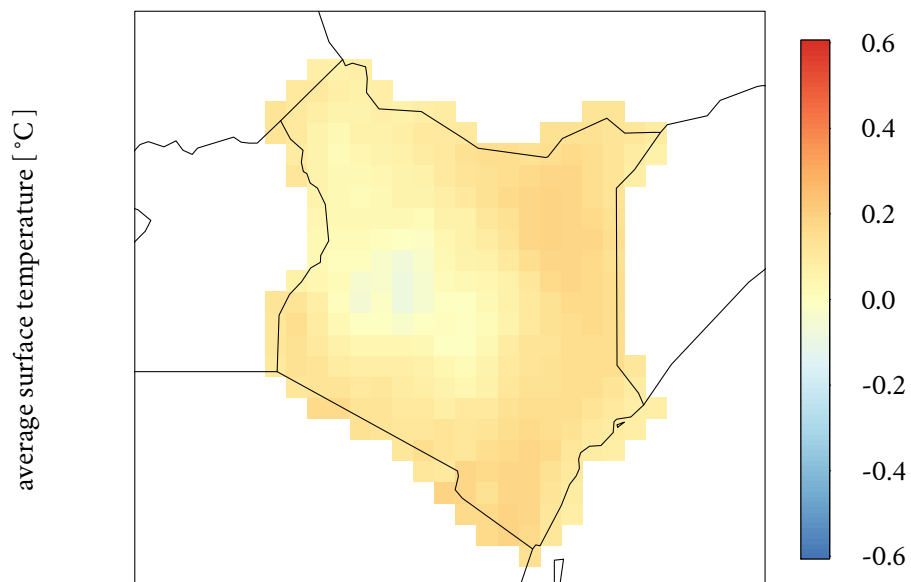


Figure 1020: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.10 GCM MIROC-MIROC5 / RCM REMO2009

Figure 1021: Mean across years, RCP 8.5, 2020 .. 2049

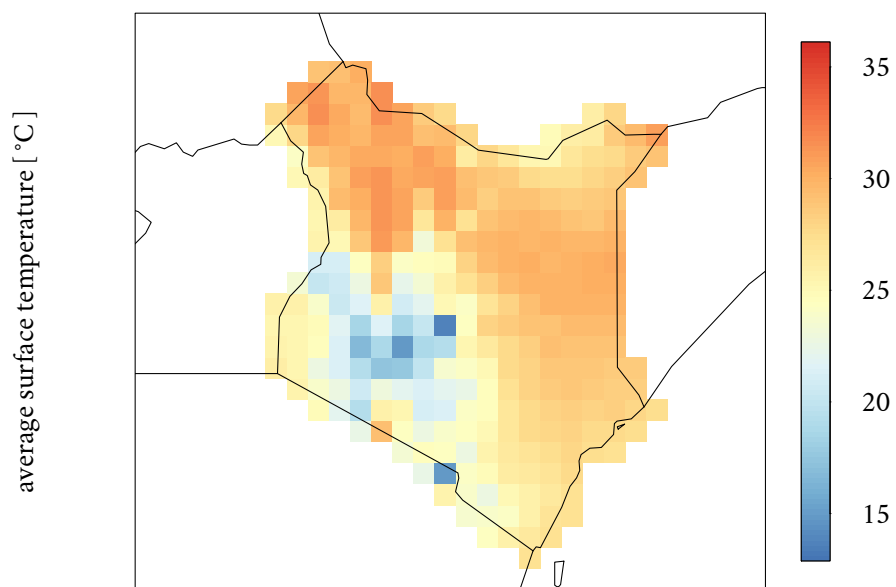


Figure 1022: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

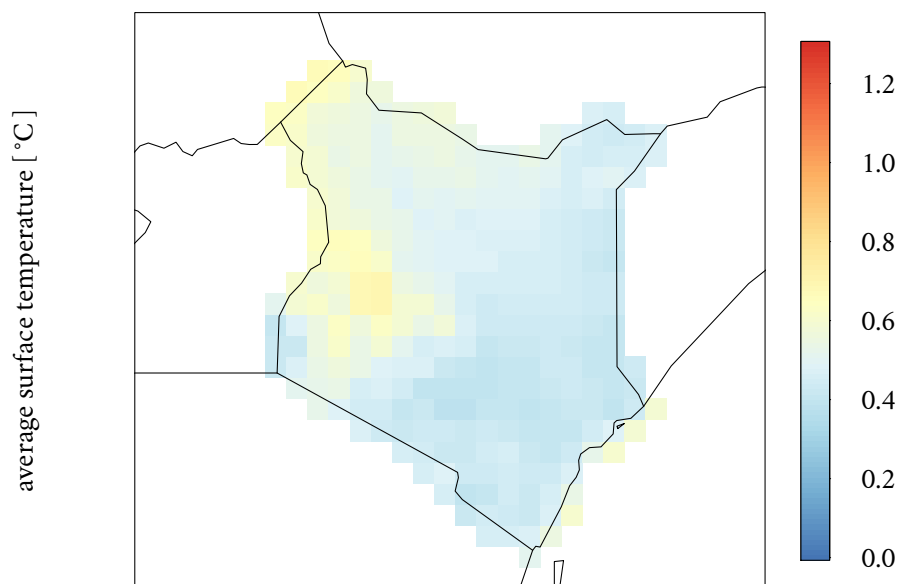


Figure 1023: Mean across years, RCP 8.5, 2060 .. 2089

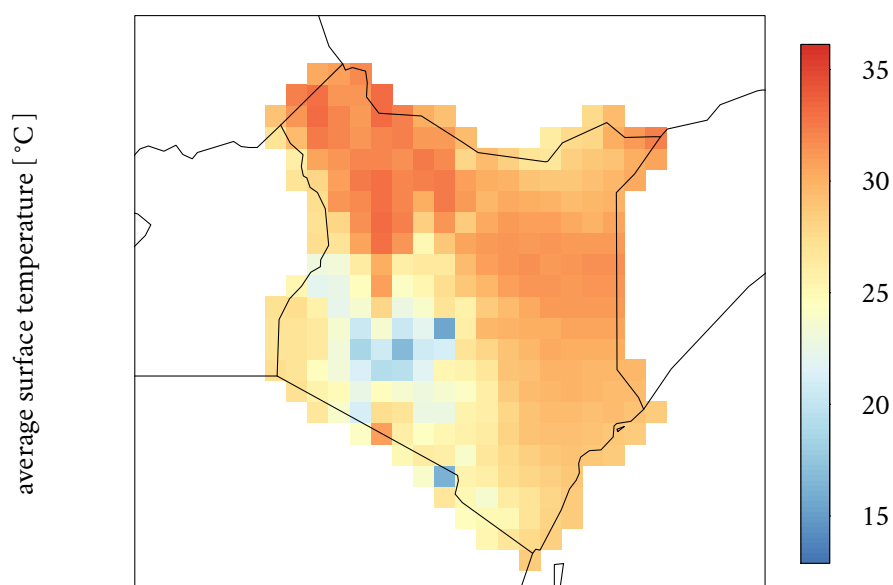


Figure 1024: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

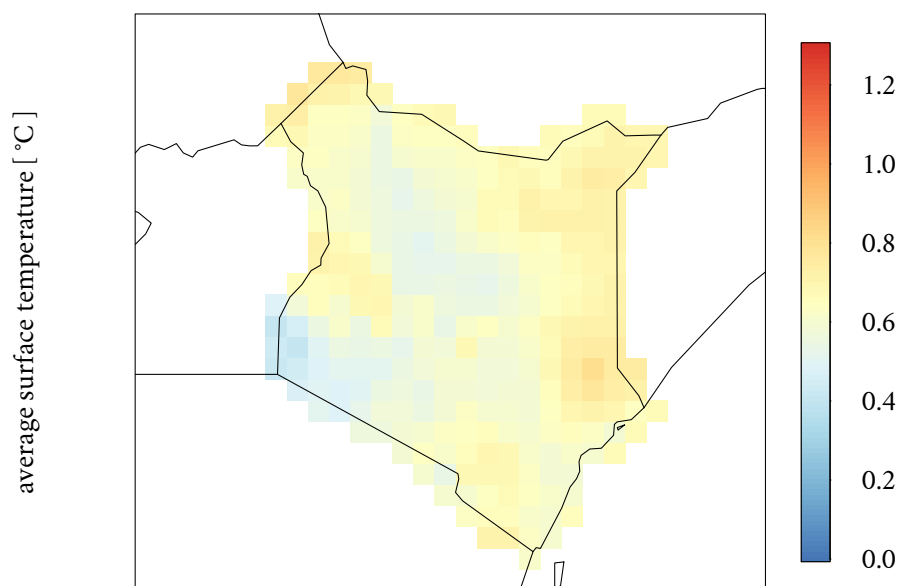
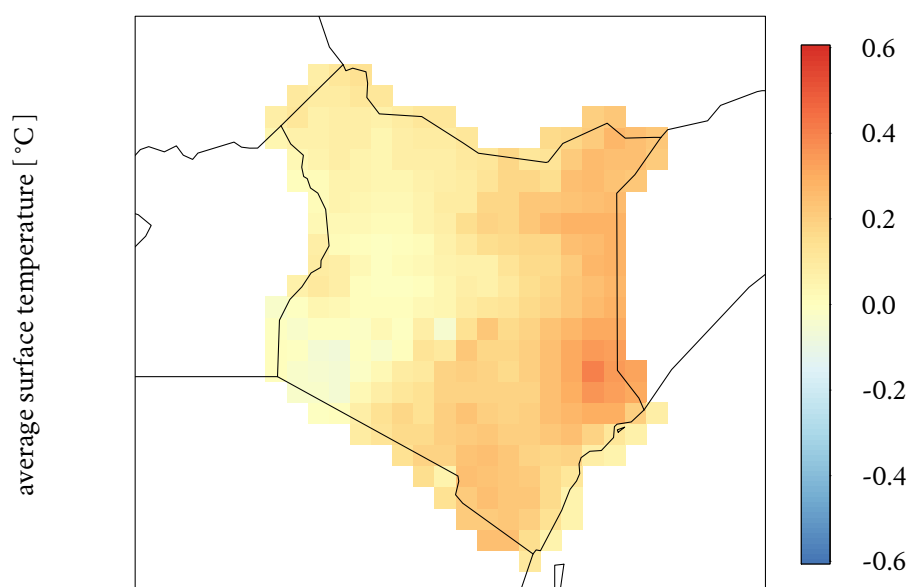


Figure 1025: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.11 GCM MOHC-HadGEM2-ES / RCM CCLM4-8-17

Figure 1026: Mean across years, RCP 8.5, 2020 .. 2049

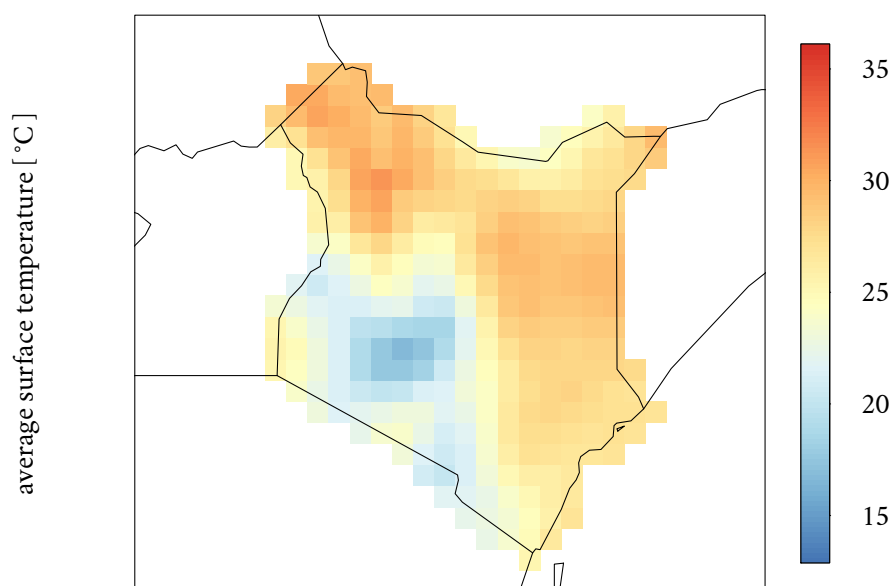


Figure 1027: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

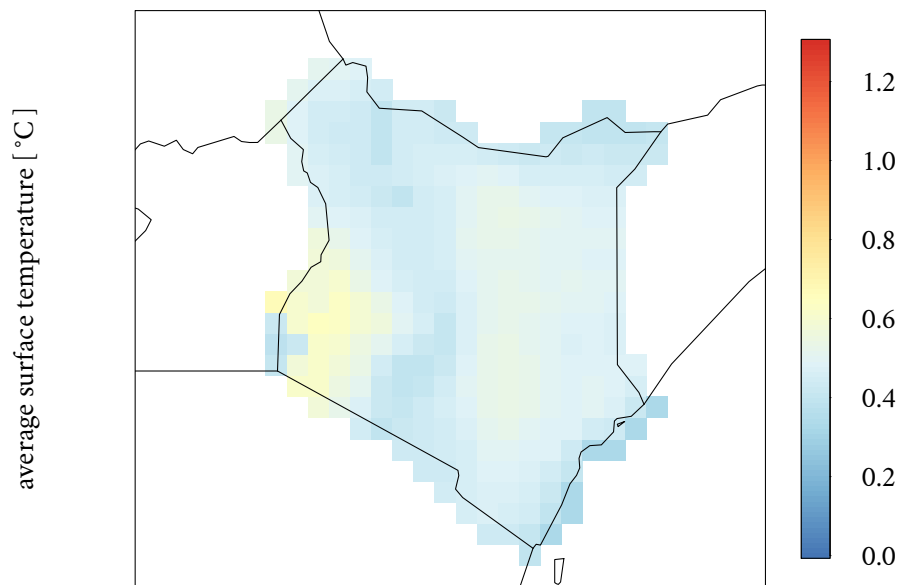


Figure 1028: Mean across years, RCP 8.5, 2060 .. 2089

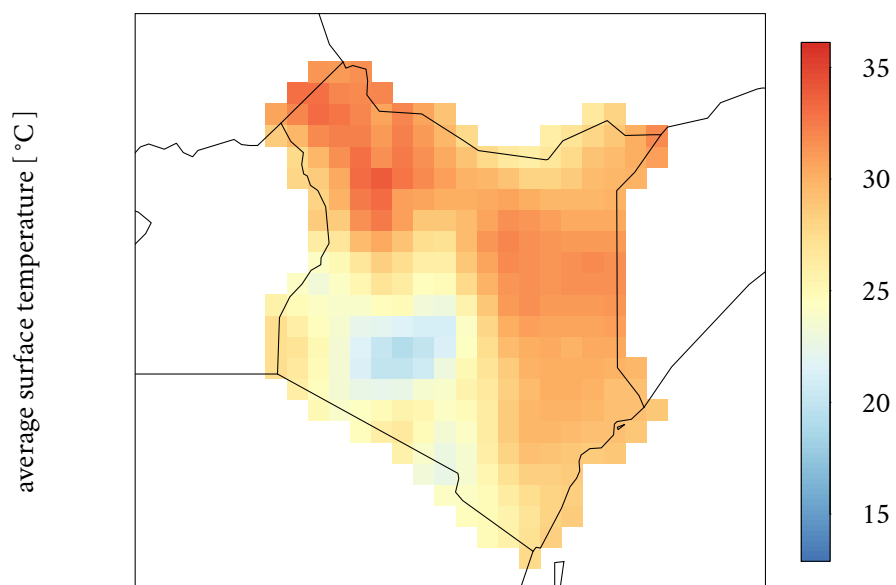


Figure 1029: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

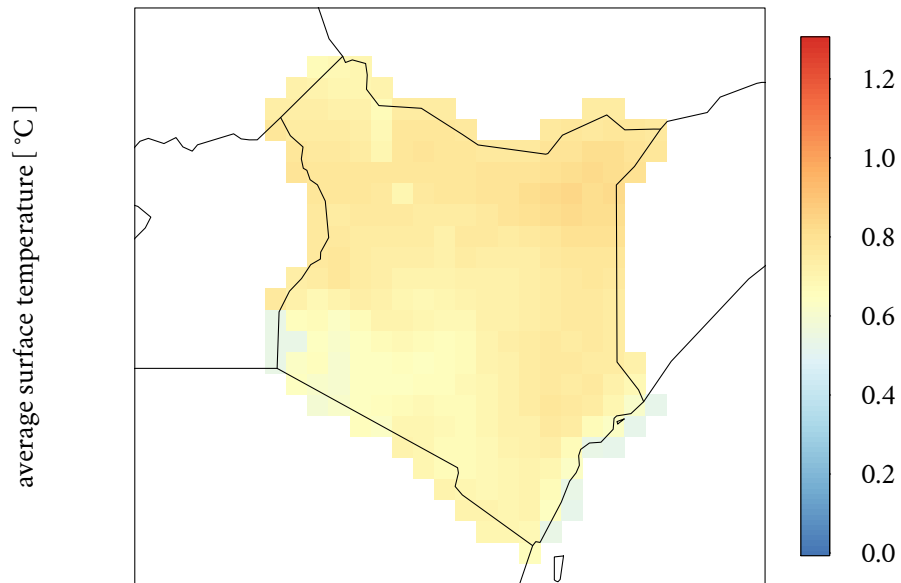
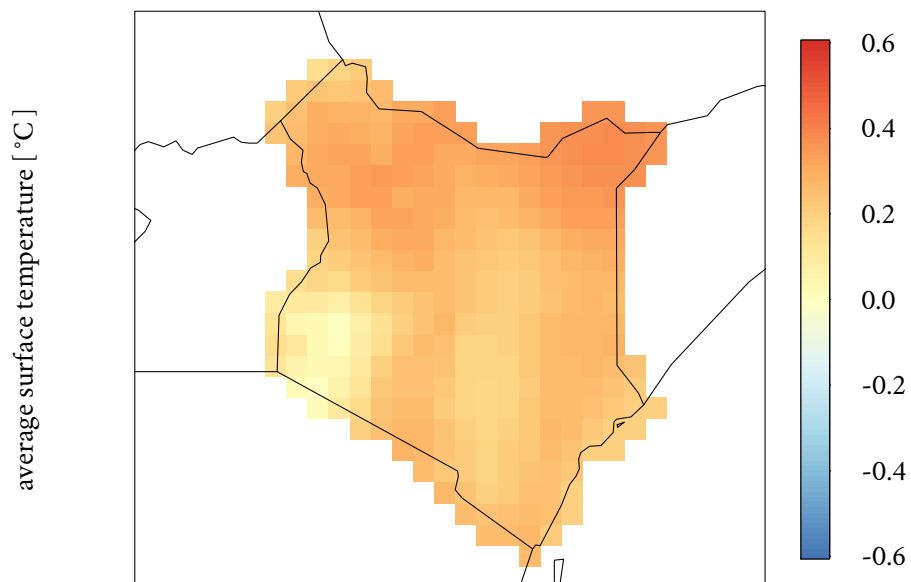


Figure 1030: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.12 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 1031: Mean across years, RCP 8.5, 2020 .. 2049

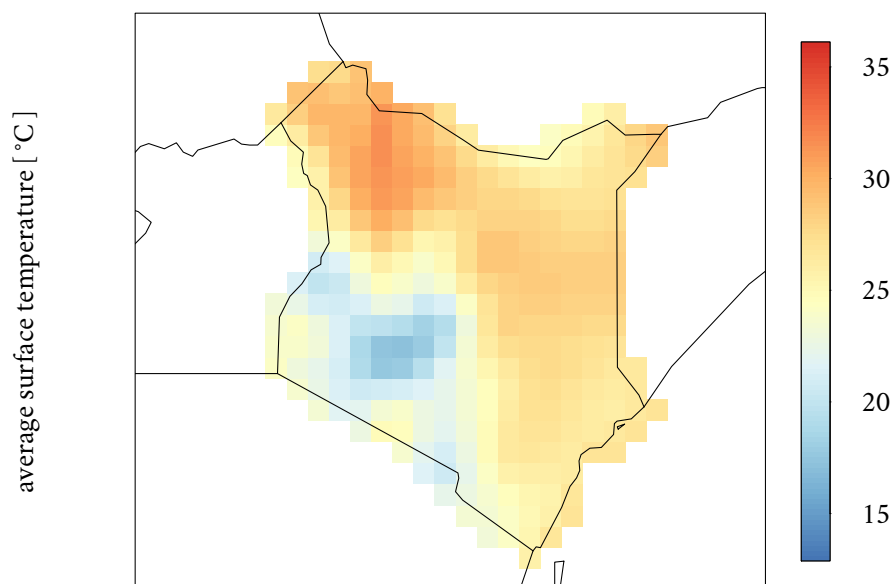


Figure 1032: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

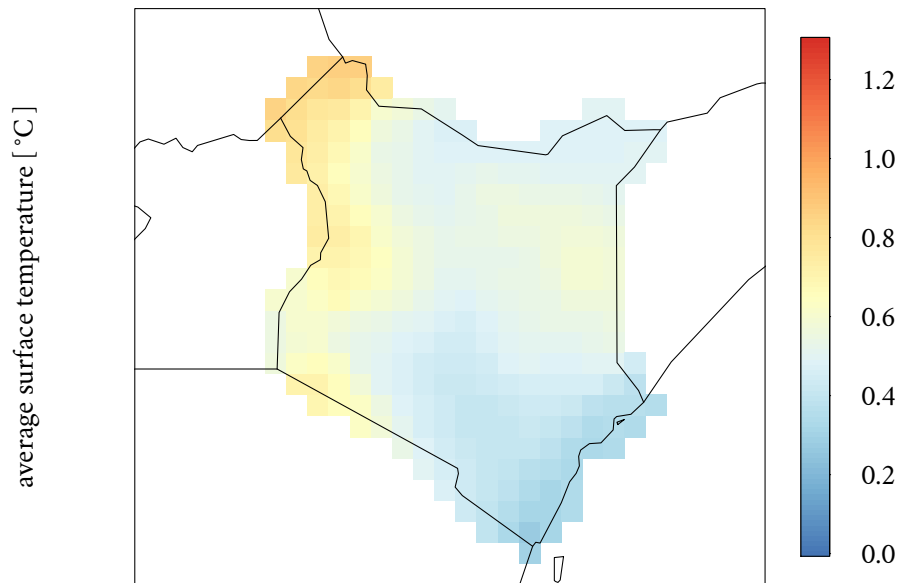


Figure 1033: Mean across years, RCP 8.5, 2060 .. 2089

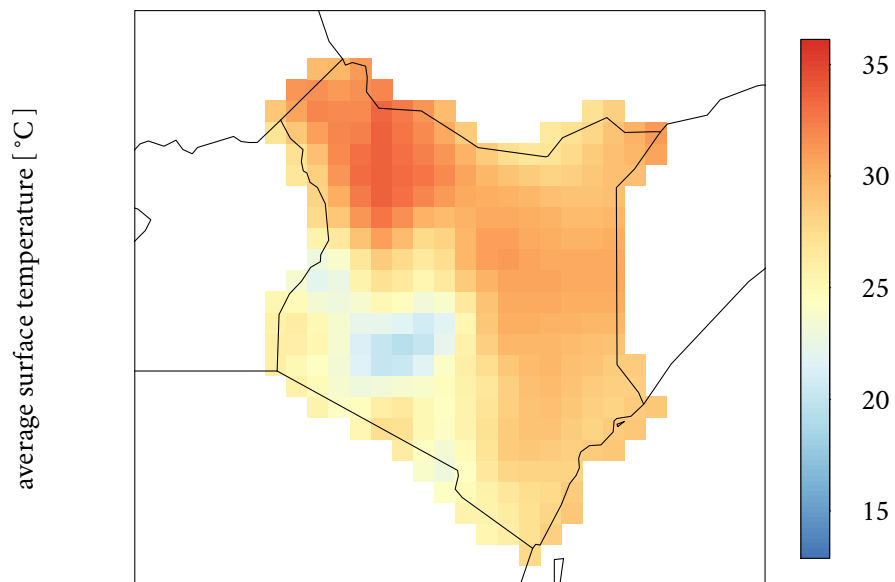


Figure 1034: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

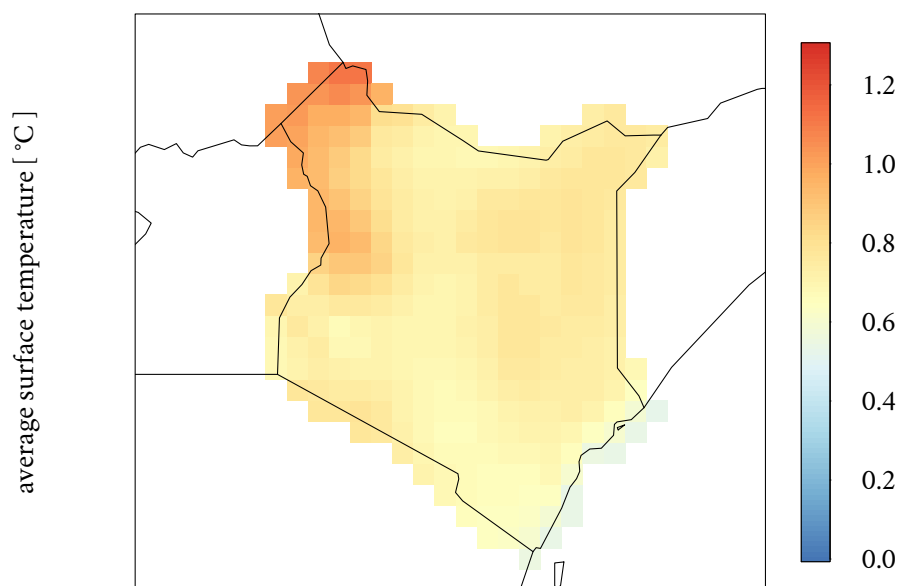
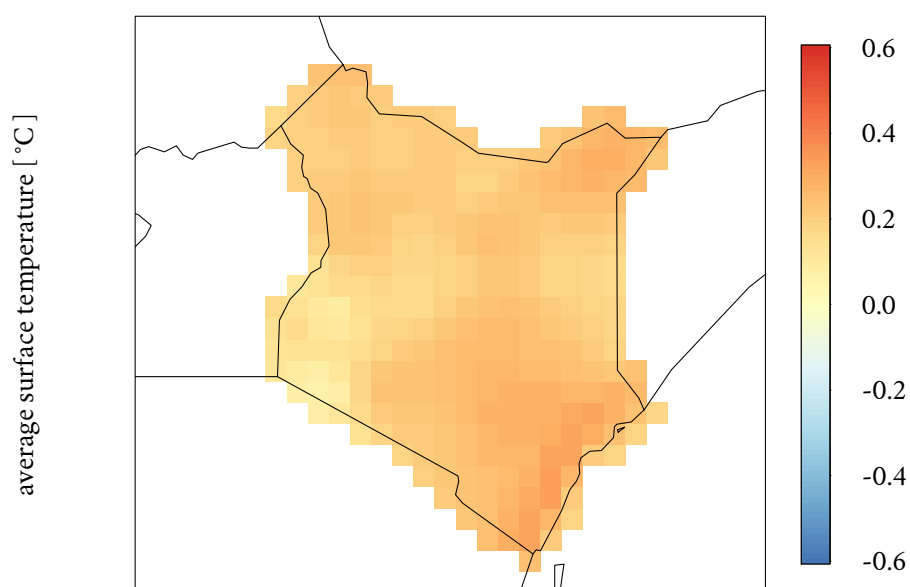


Figure 1035: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.13 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 1036: Mean across years, RCP 8.5, 2020 .. 2049

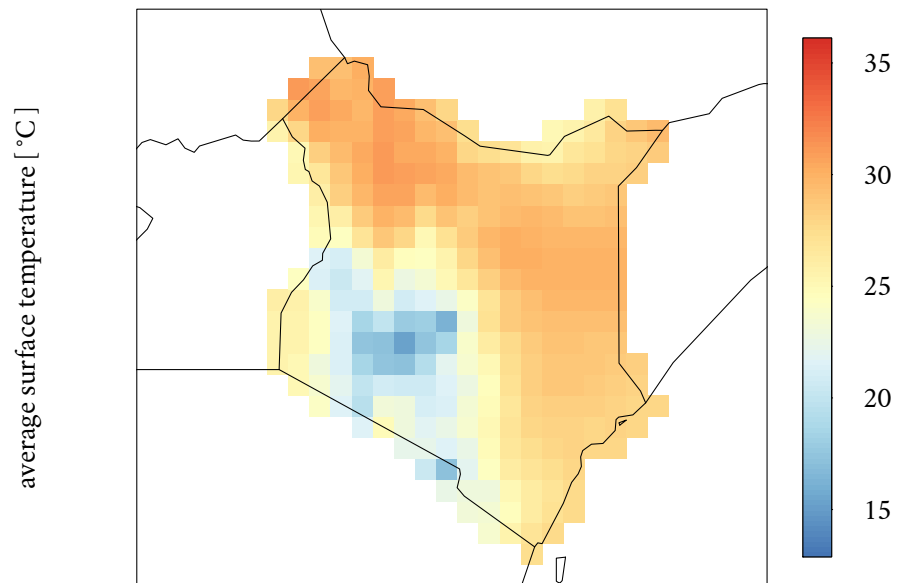


Figure 1037: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

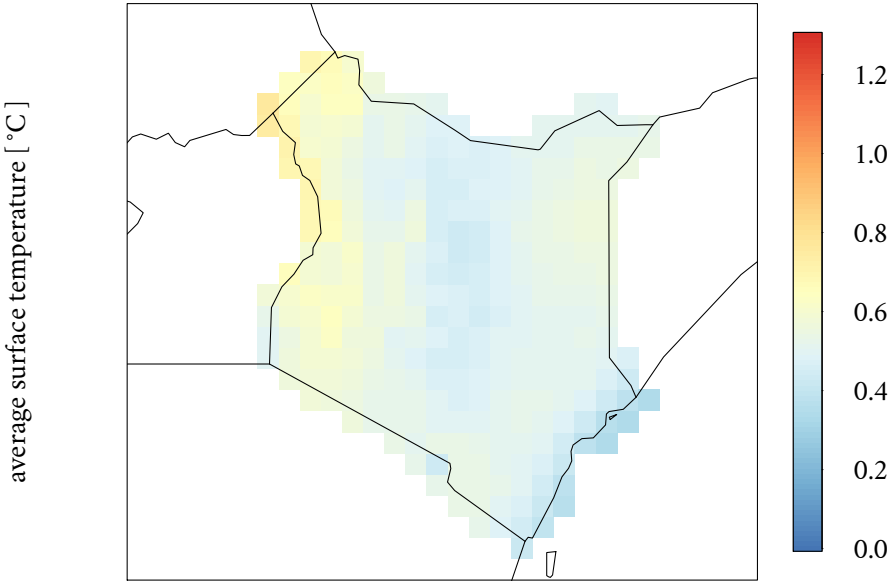


Figure 1038: Mean across years, RCP 8.5, 2060 .. 2089

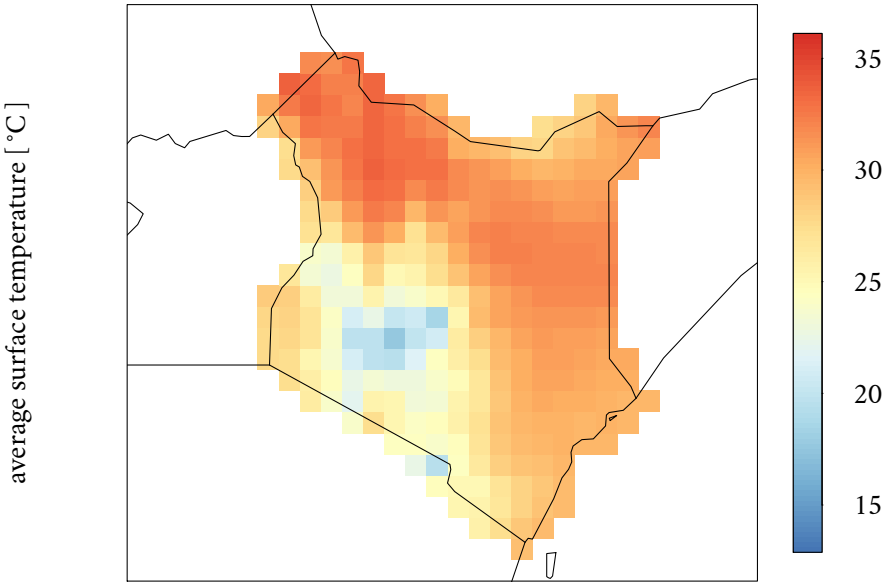


Figure 1039: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

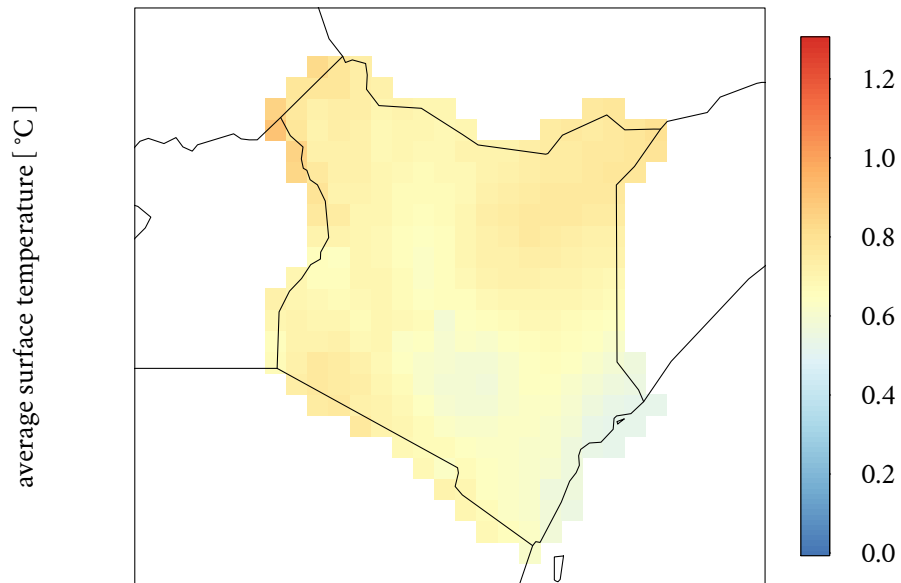
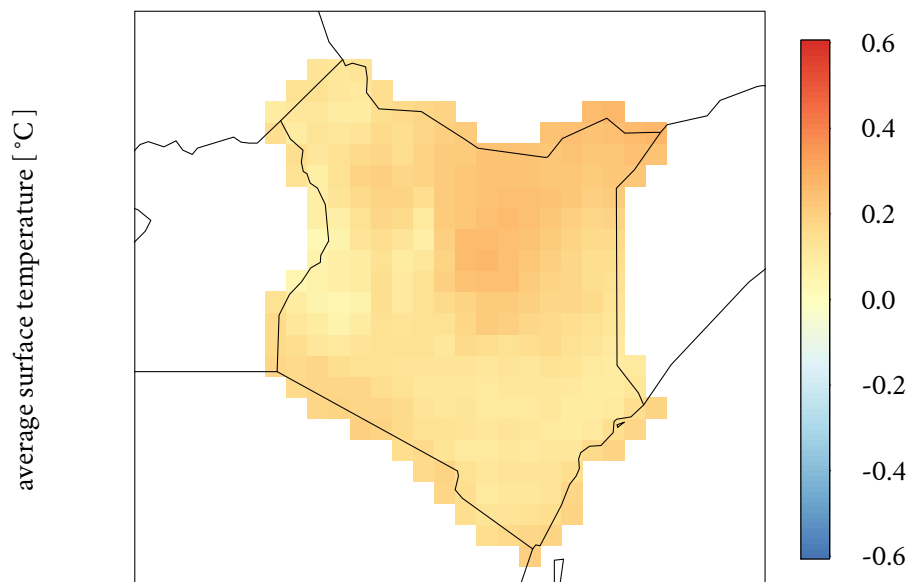


Figure 1040: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.14 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 1041: Mean across years, RCP 8.5, 2020 .. 2049

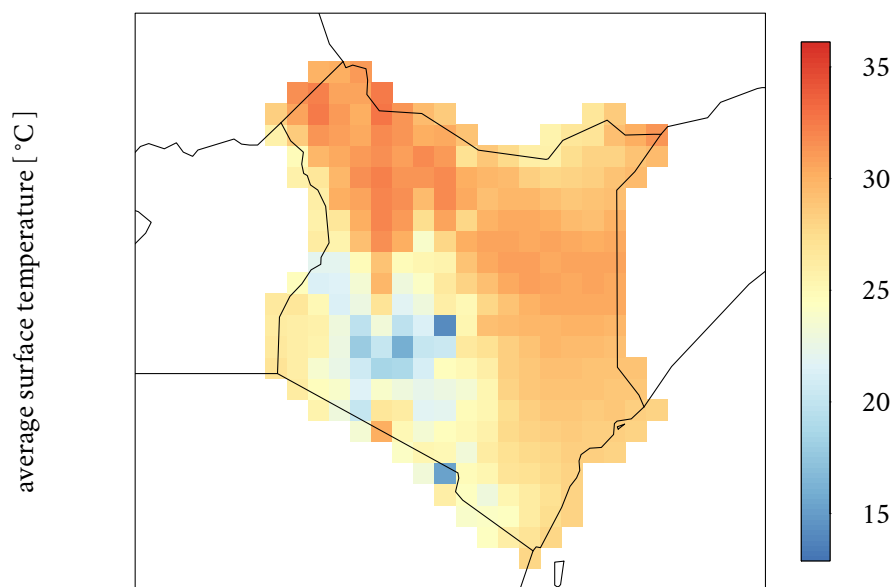


Figure 1042: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

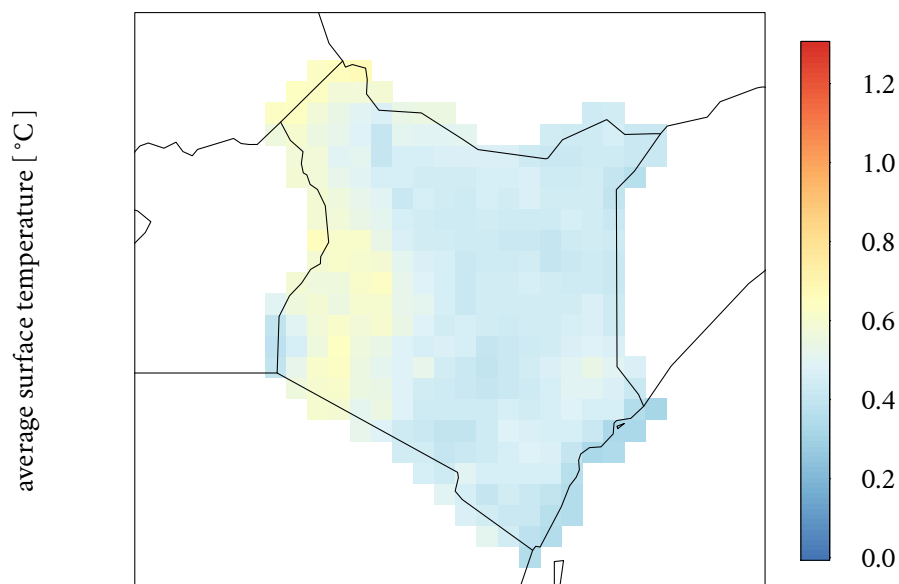


Figure 1043: Mean across years, RCP 8.5, 2060 .. 2089

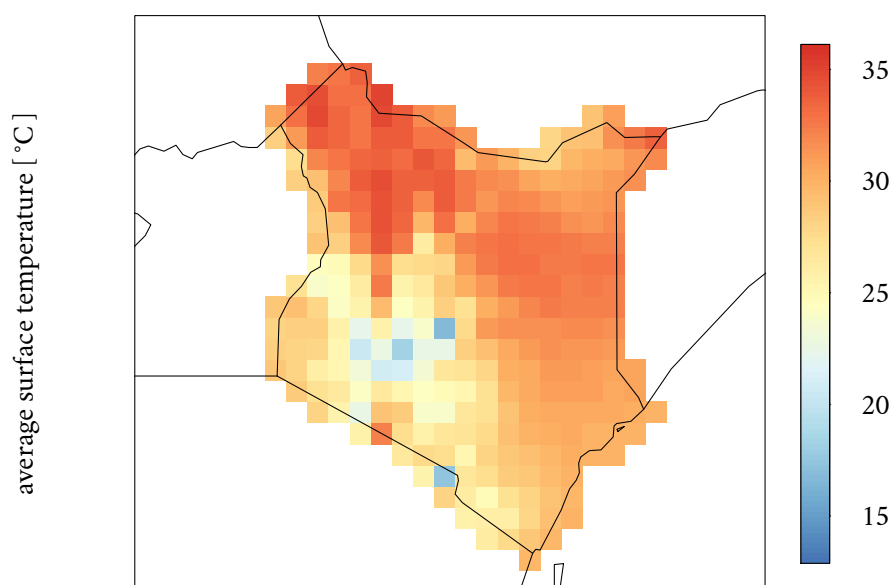


Figure 1044: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

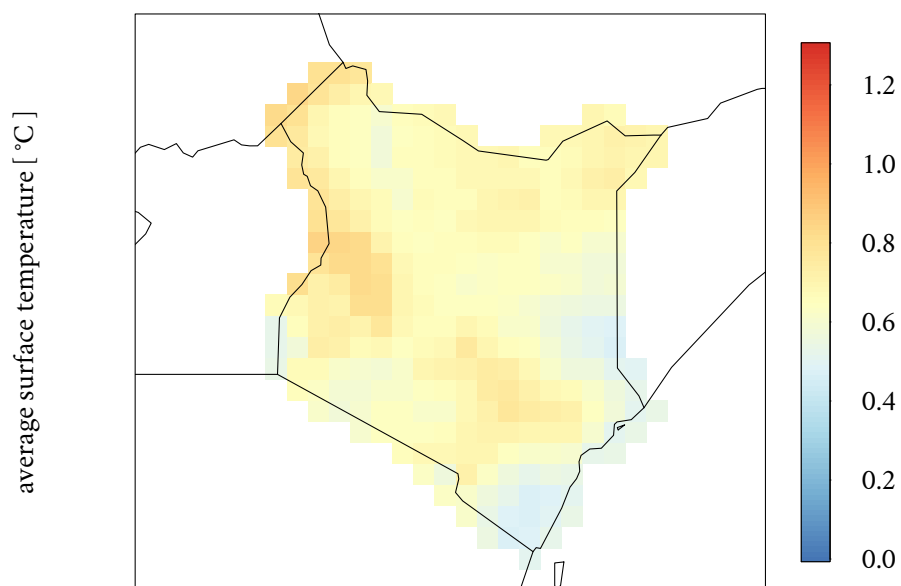
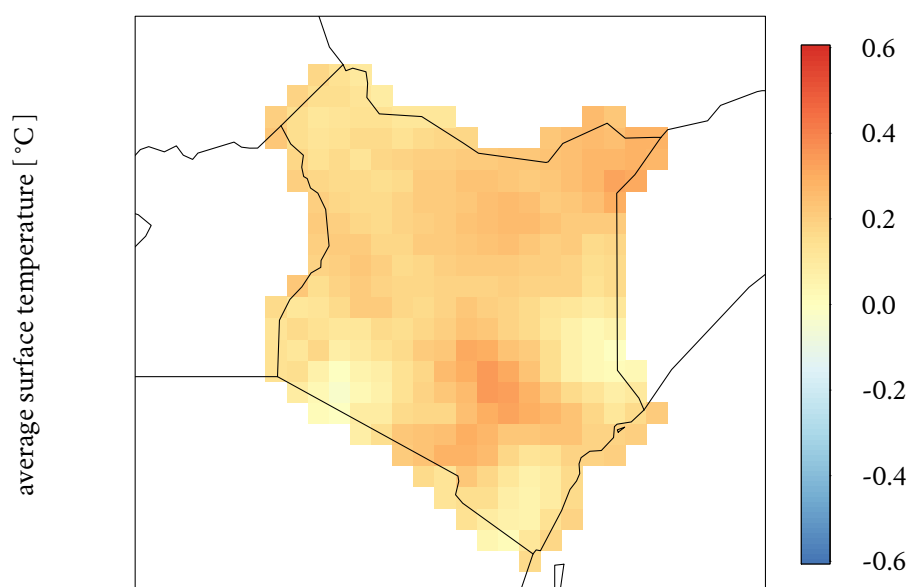


Figure 1045: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.15 GCM MPI-M-MPI-ESM-LR / RCM CCLM4-8-17

Figure 1046: Mean across years, RCP 8.5, 2020 .. 2049

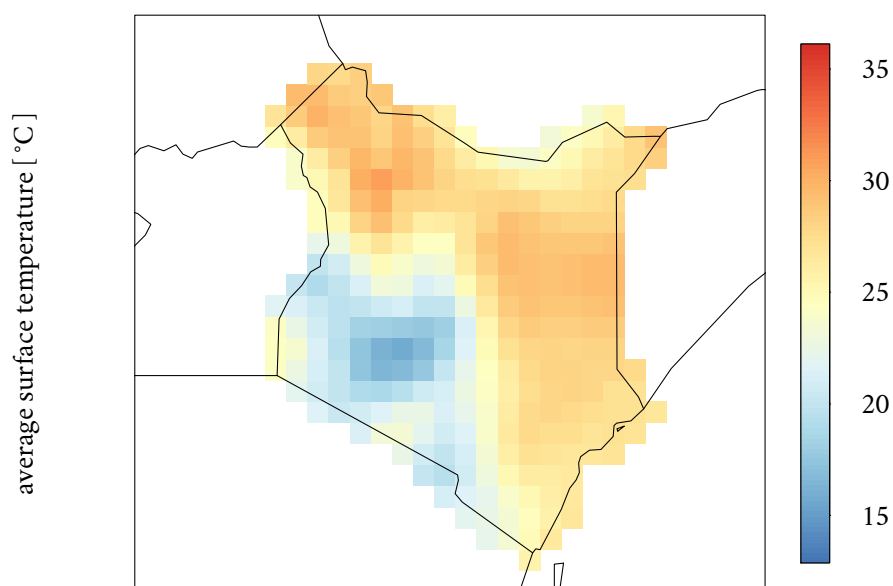


Figure 1047: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

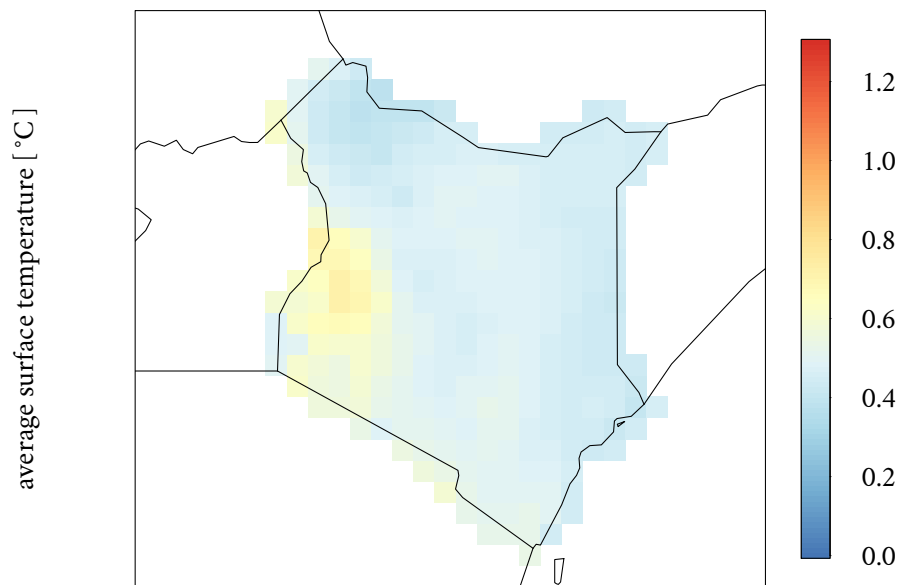


Figure 1048: Mean across years, RCP 8.5, 2060 .. 2089

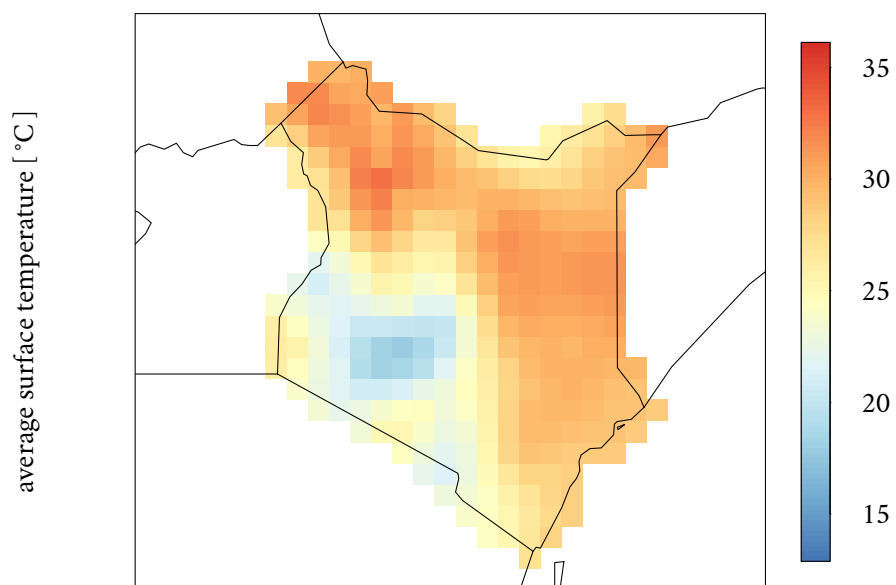


Figure 1049: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

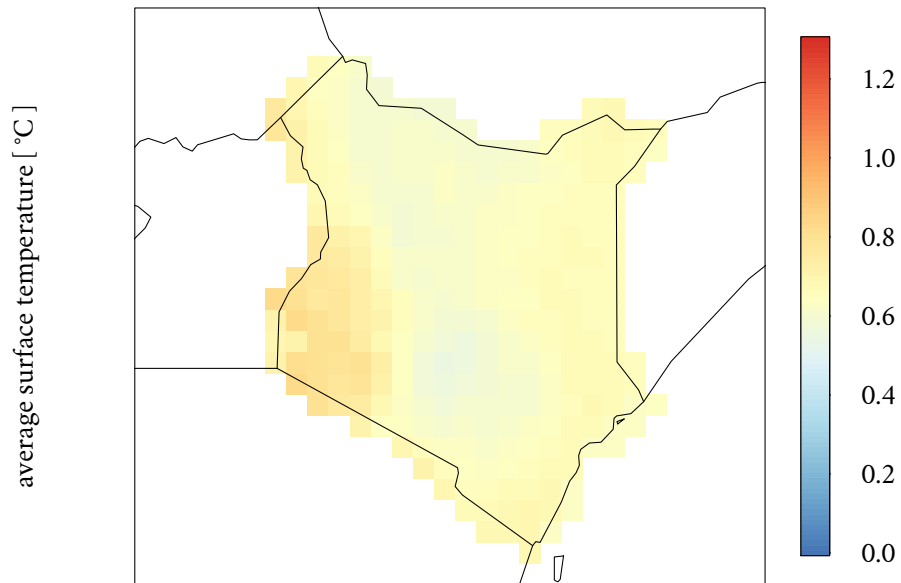
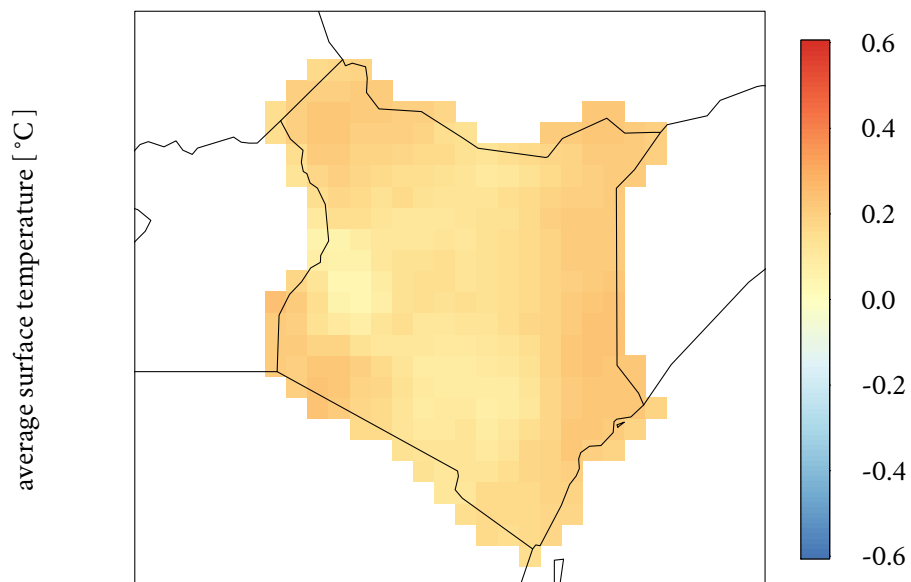


Figure 1050: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.16 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 1051: Mean across years, RCP 8.5, 2020 .. 2049

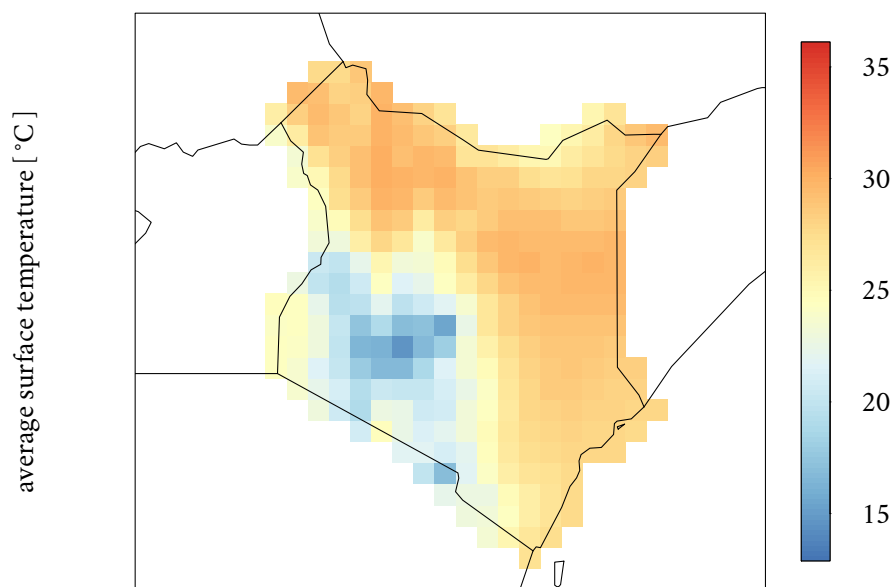


Figure 1052: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

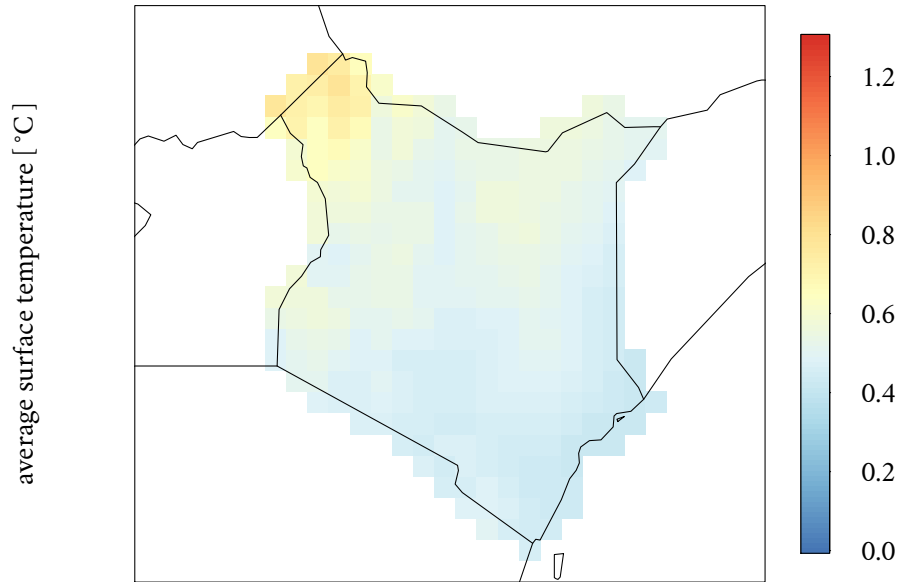


Figure 1053: Mean across years, RCP 8.5, 2060 .. 2089

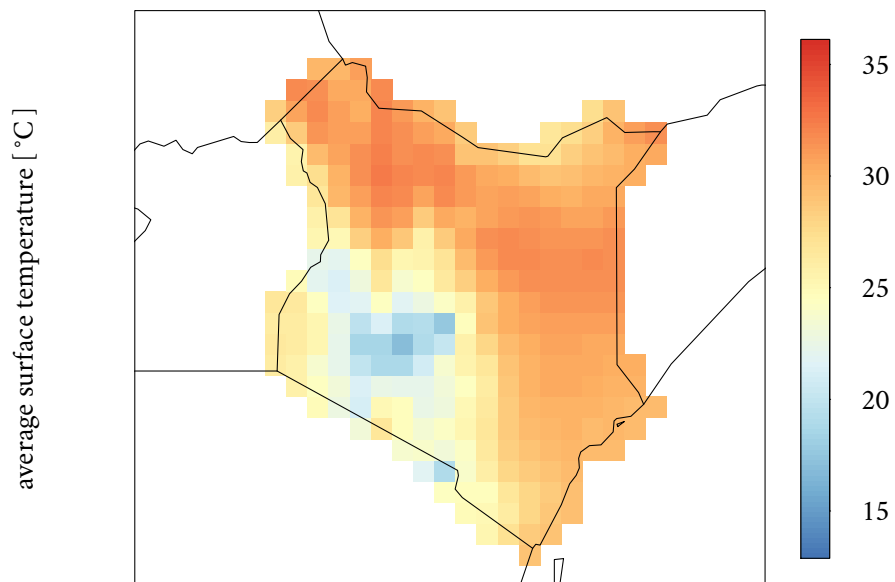


Figure 1054: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

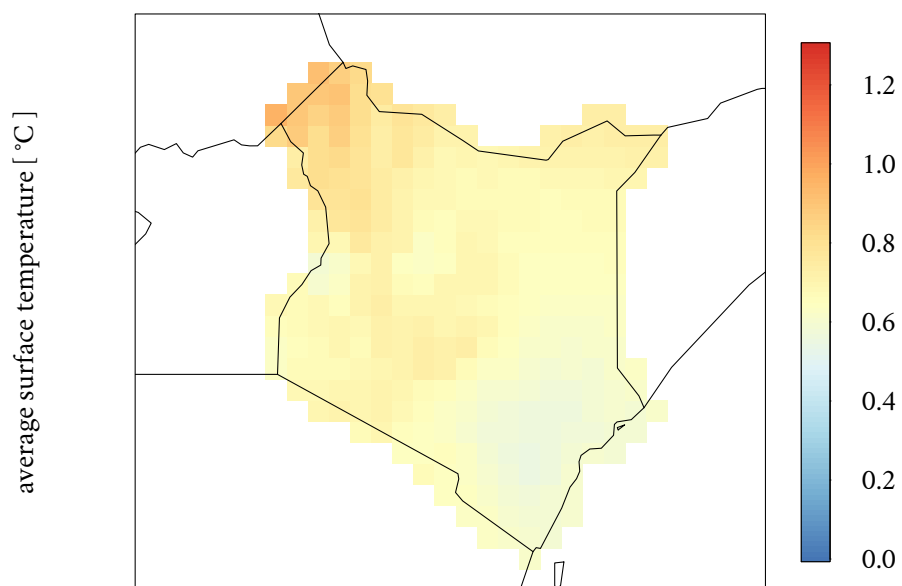
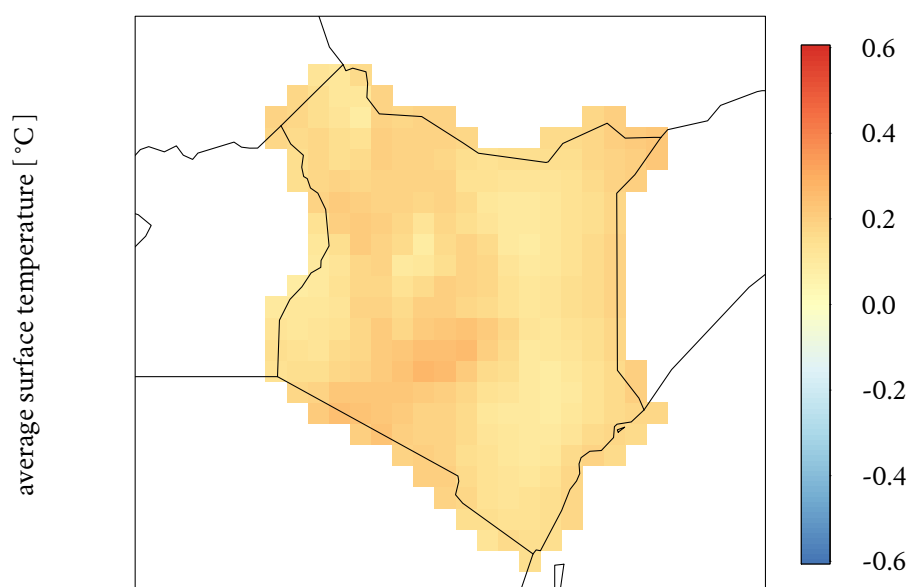


Figure 1055: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.17 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 1056: Mean across years, RCP 8.5, 2020 .. 2049

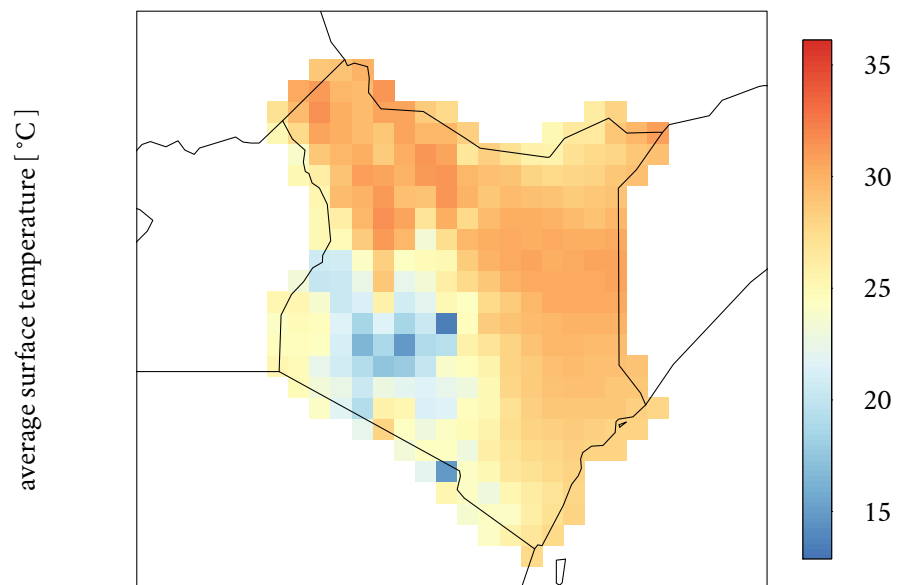


Figure 1057: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

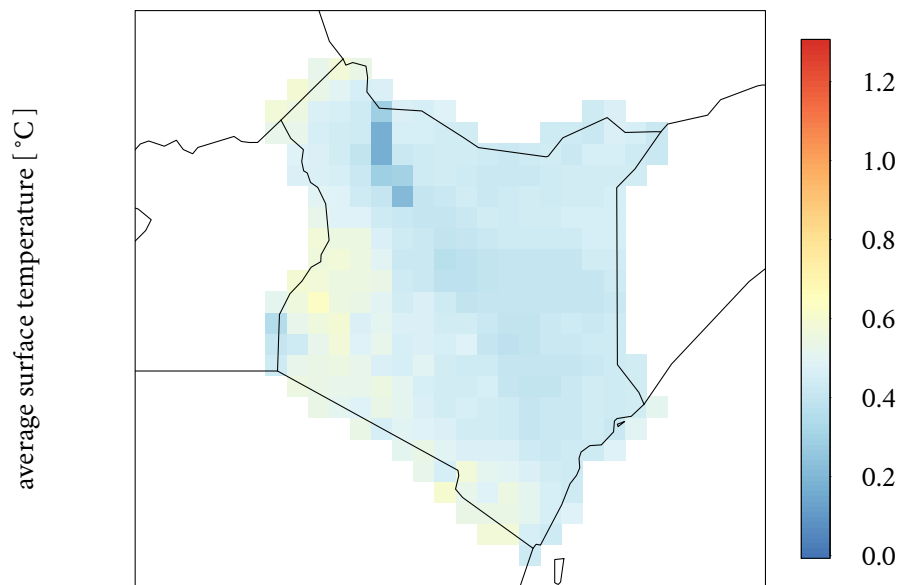


Figure 1058: Mean across years, RCP 8.5, 2060 .. 2089

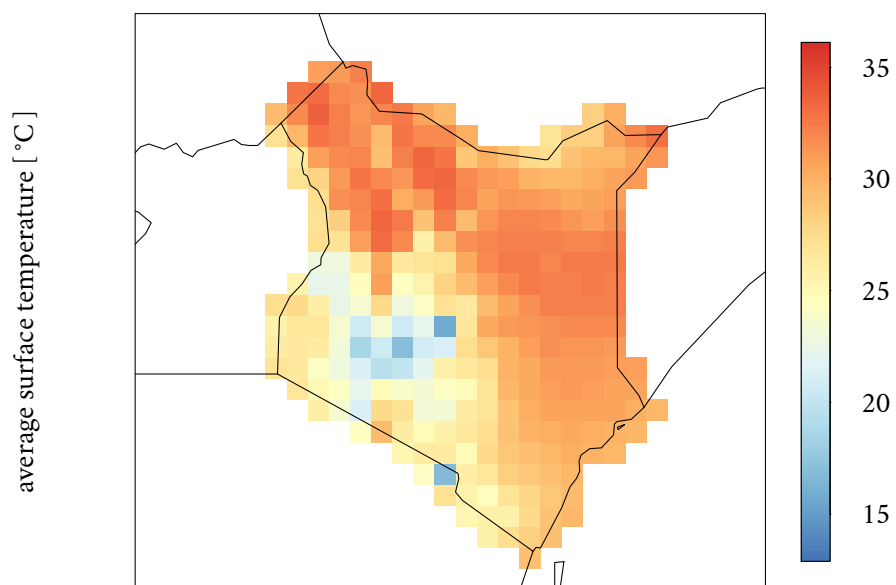


Figure 1059: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

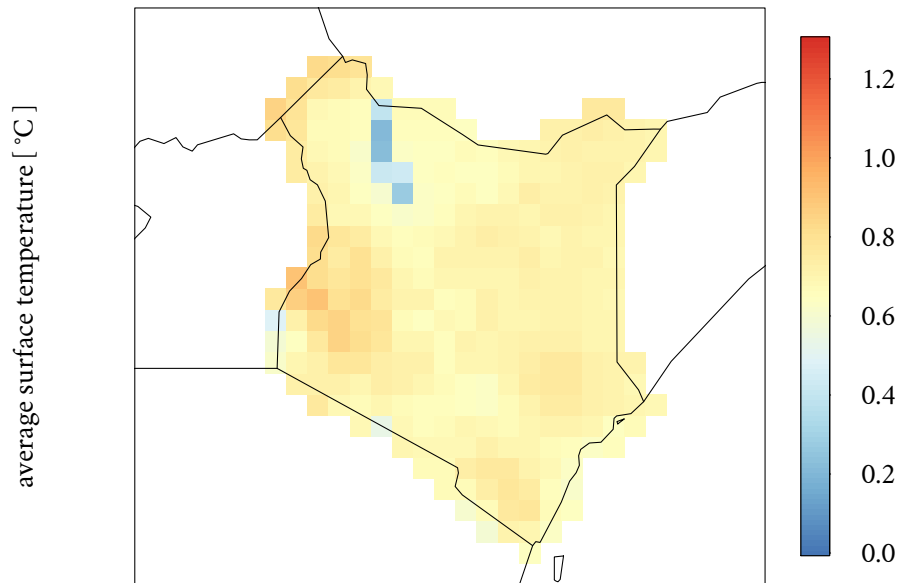
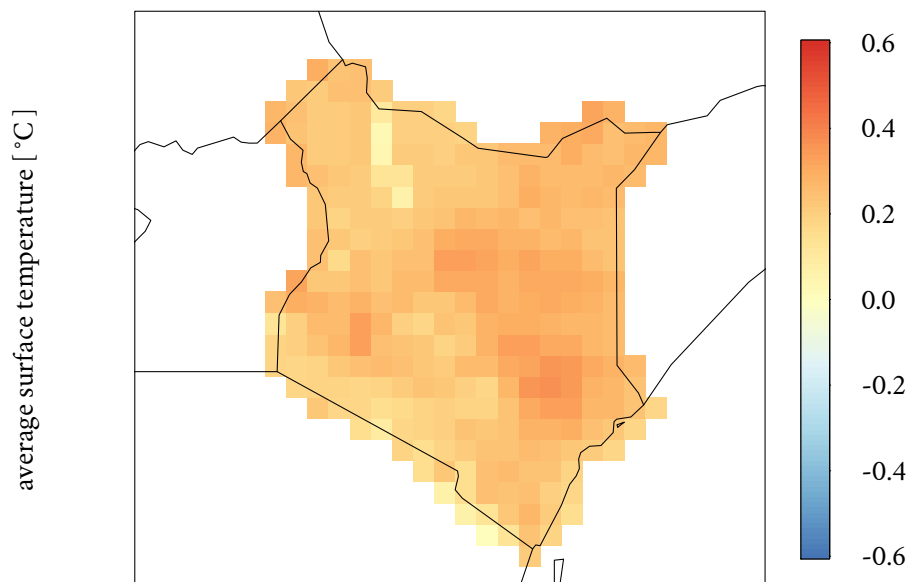


Figure 1060: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.18 GCM NCC-NorESM1-M / RCM RCA4

Figure 1061: Mean across years, RCP 8.5, 2020 .. 2049

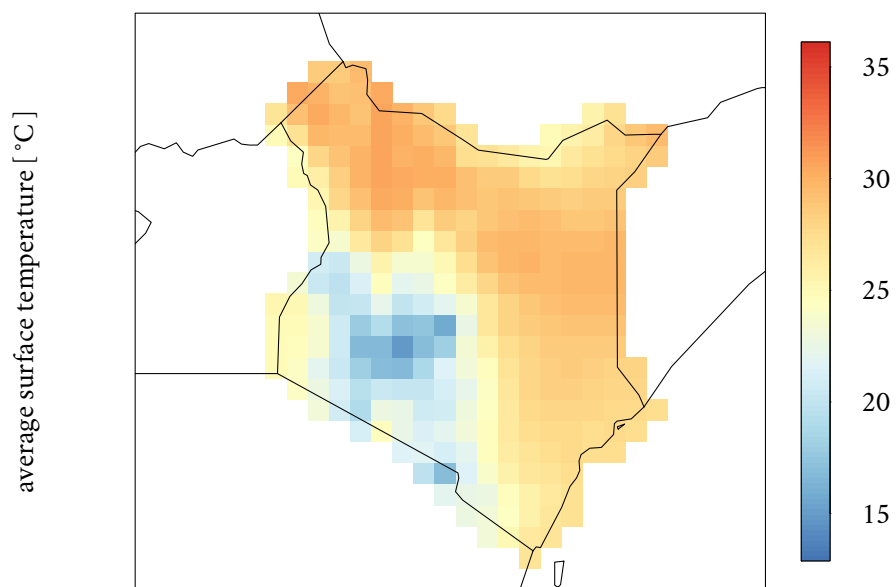


Figure 1062: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

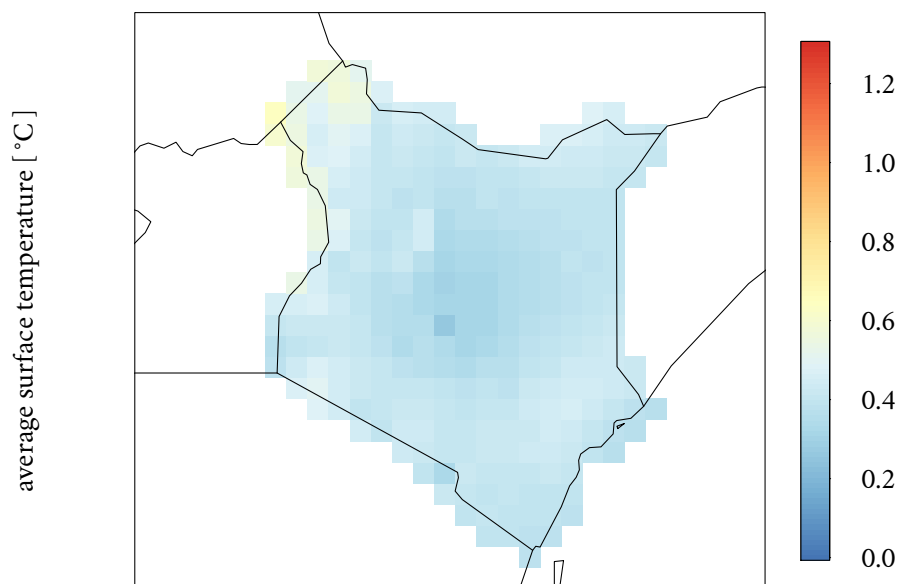


Figure 1063: Mean across years, RCP 8.5, 2060 .. 2089

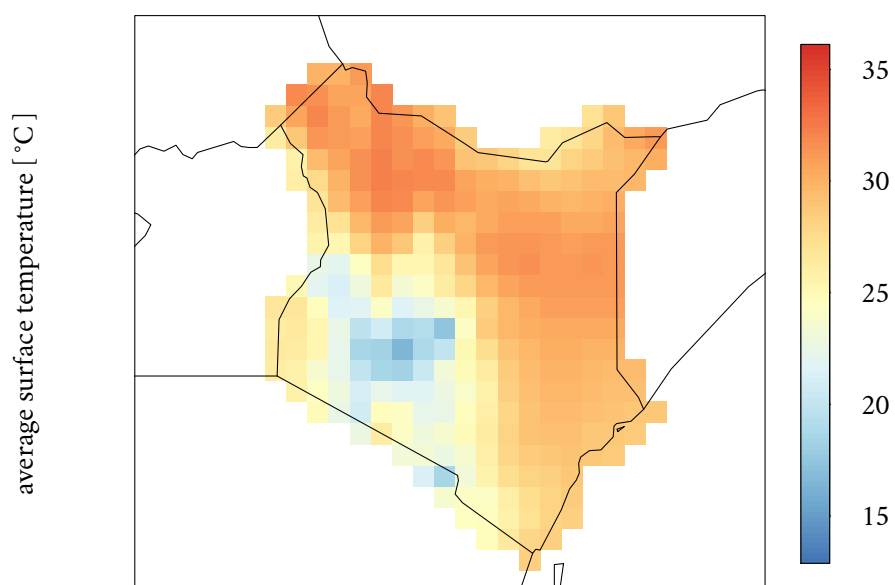


Figure 1064: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

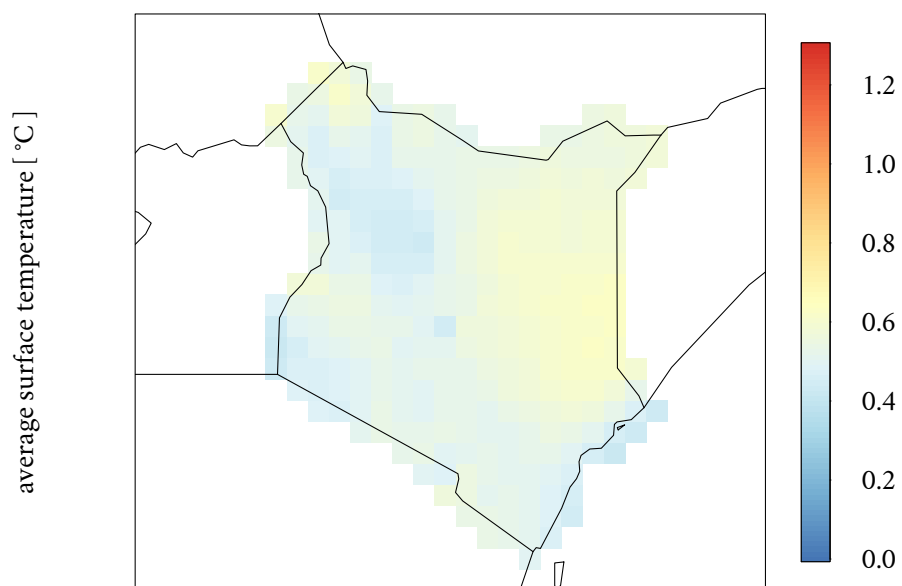
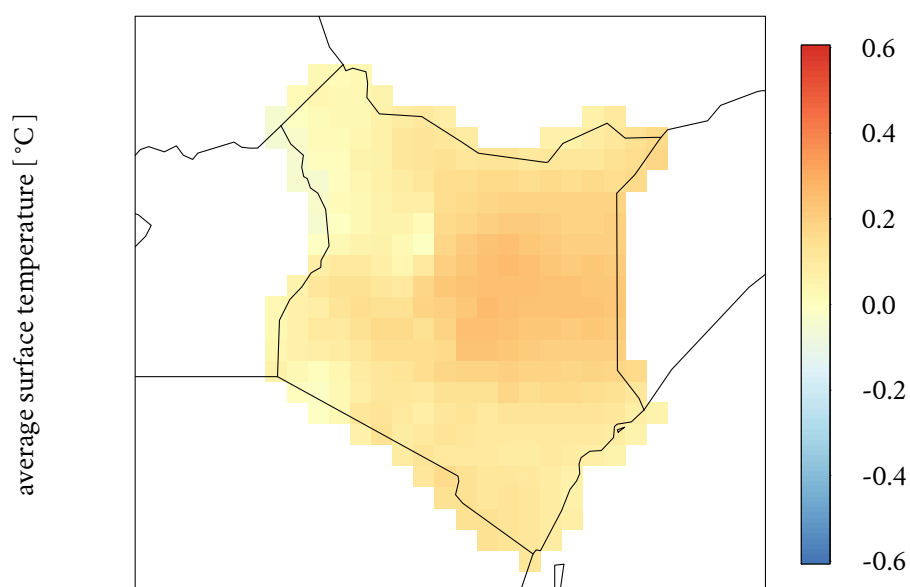


Figure 1065: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



C.4.19 GCM NOAA-GFDL-GFDL-ESM2M / RCM RCA4

Figure 1066: Mean across years, RCP 8.5, 2020 .. 2049

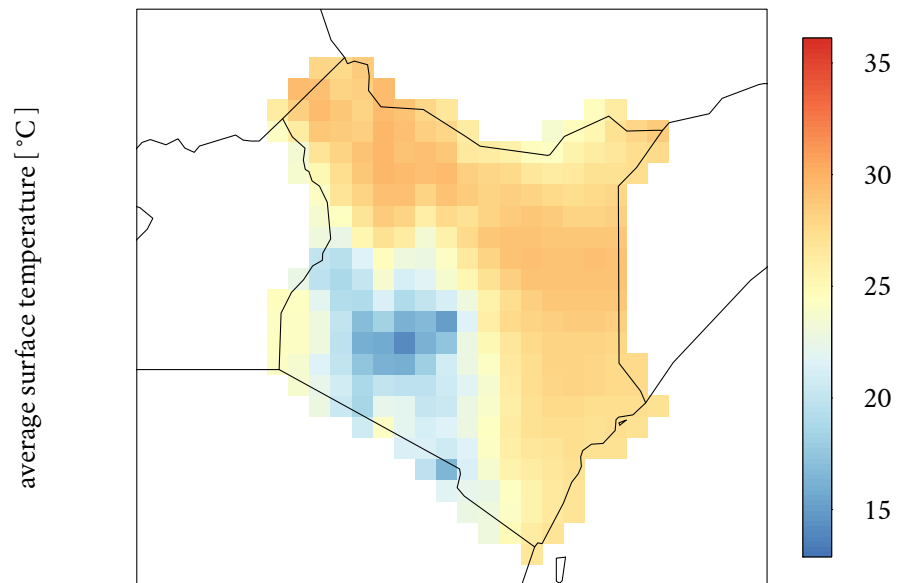


Figure 1067: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

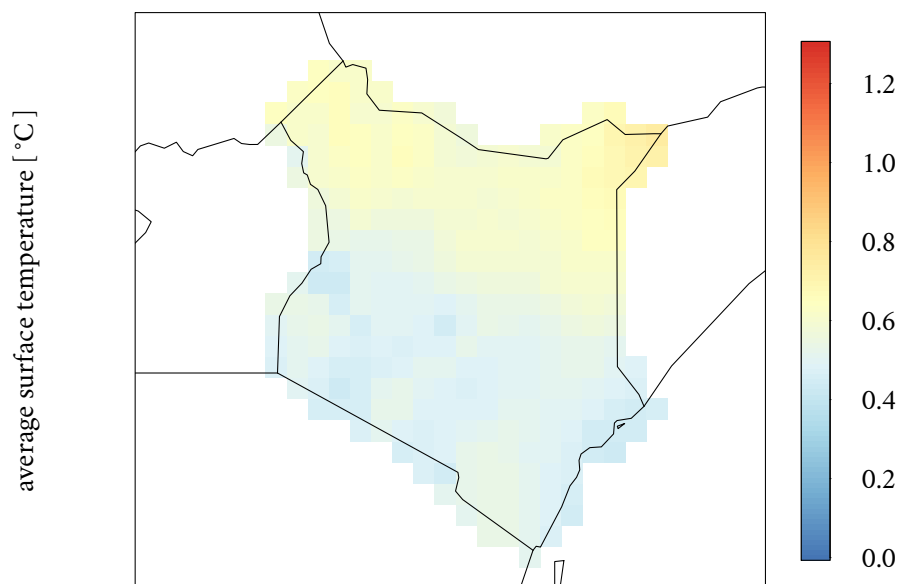


Figure 1068: Mean across years, RCP 8.5, 2060 .. 2089

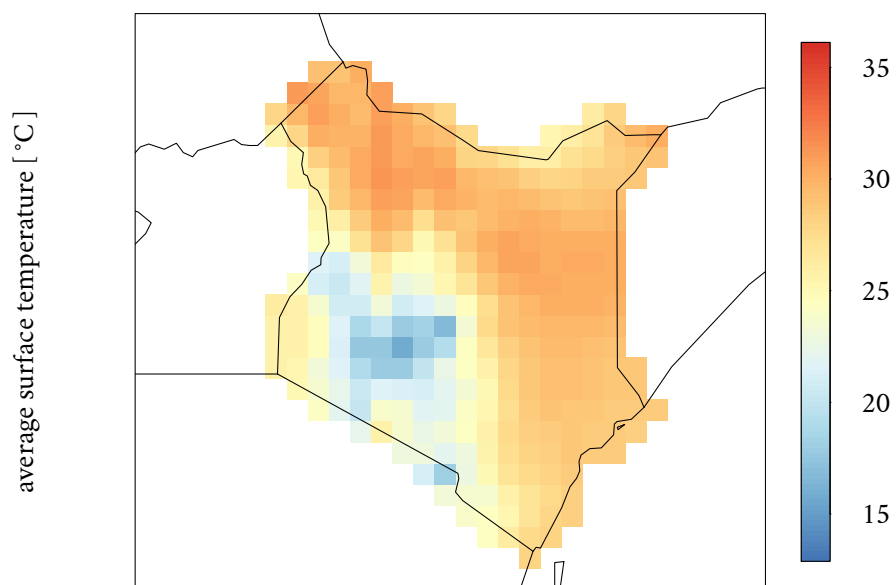


Figure 1069: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

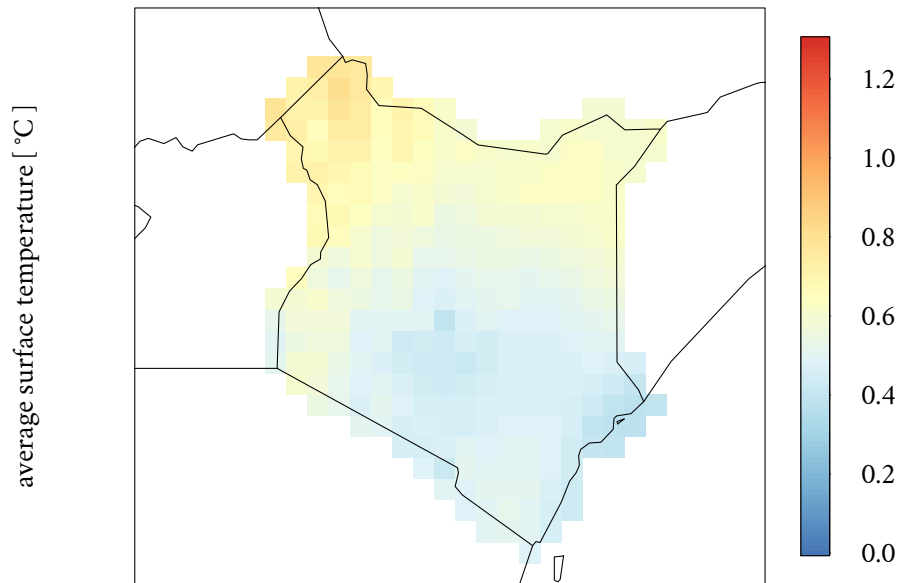
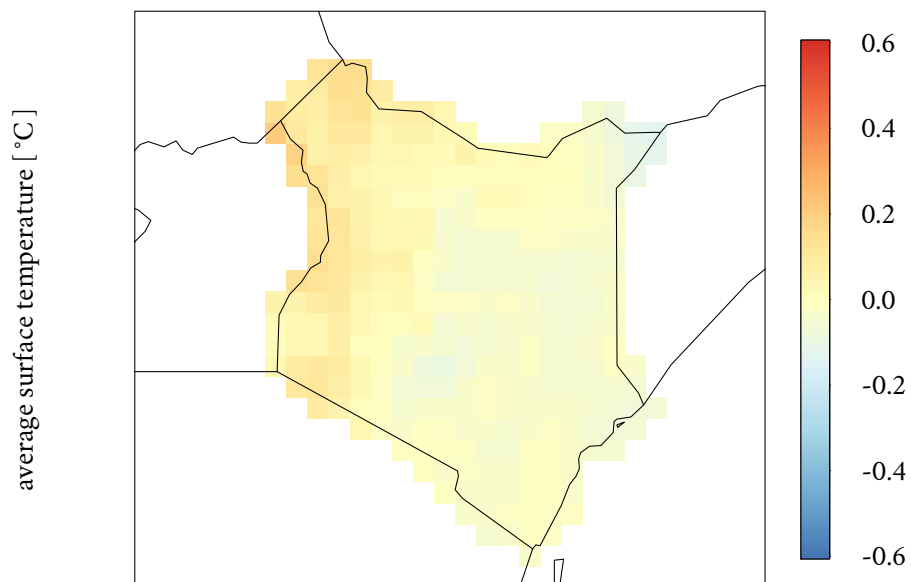


Figure 1070: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D Individual models: Minimum surface temperature

D.1 Burkina Faso / RCP 2.6

D.1.1 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 1071: Mean across years, RCP 2.6, 2020 .. 2049

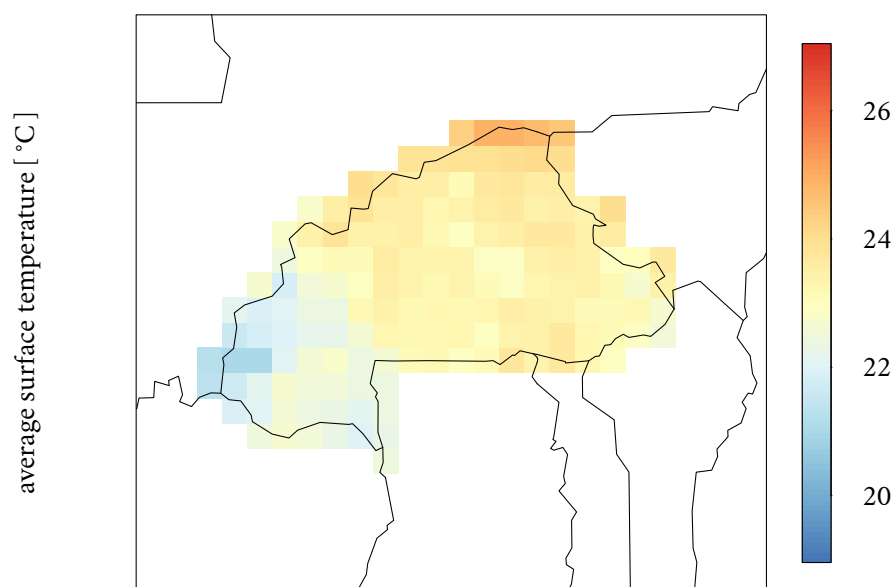


Figure 1072: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

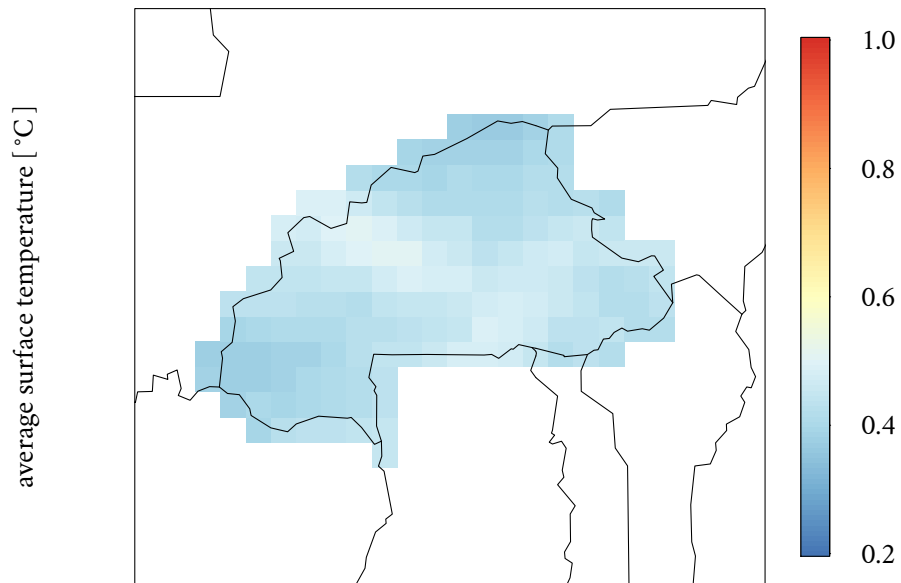


Figure 1073: Mean across years, RCP 2.6, 2060 .. 2089

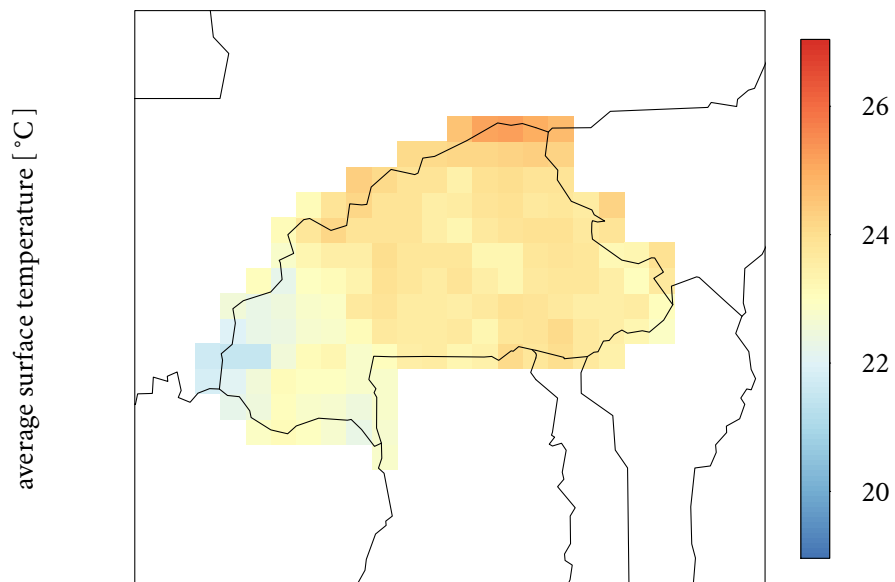


Figure 1074: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

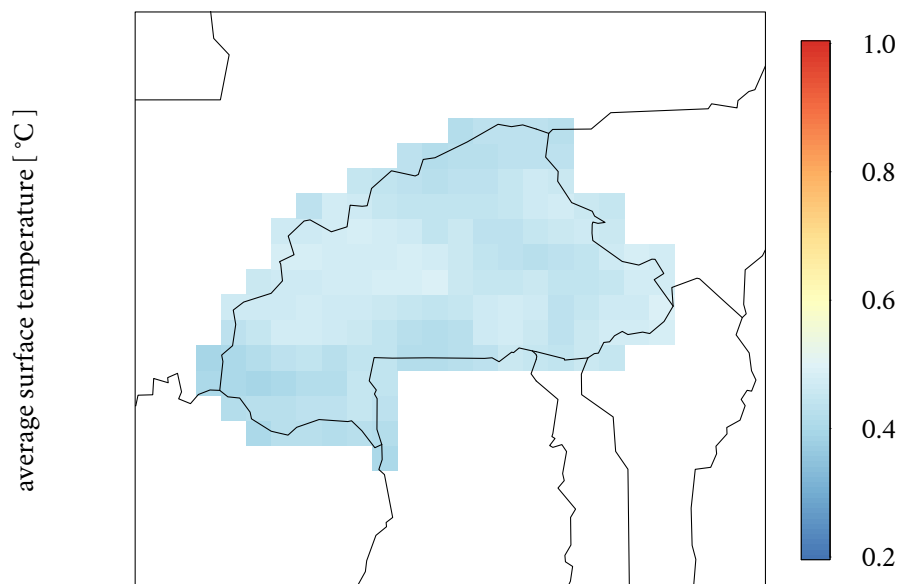
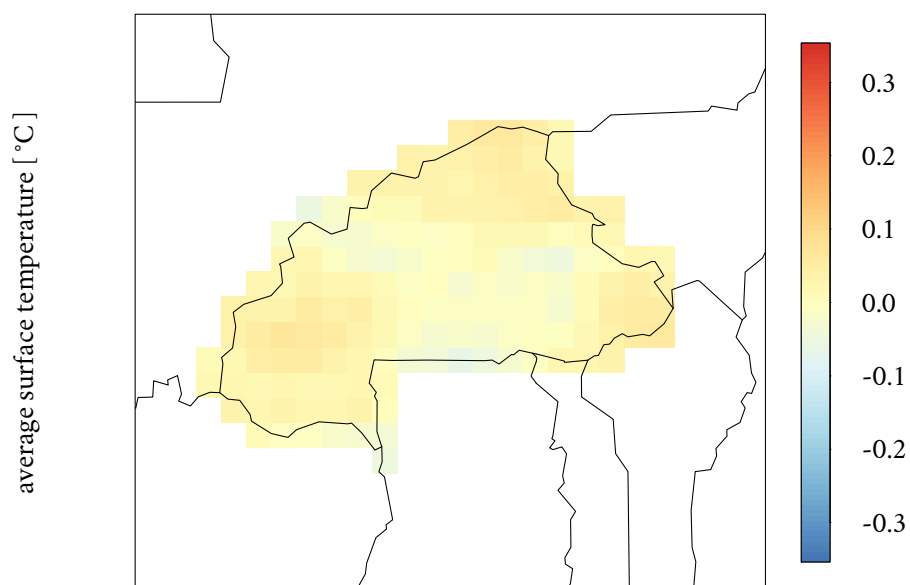


Figure 1075: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.1.2 GCM MIROC-MIROC5 / RCM RCA4

Figure 1076: Mean across years, RCP 2.6, 2020 .. 2049

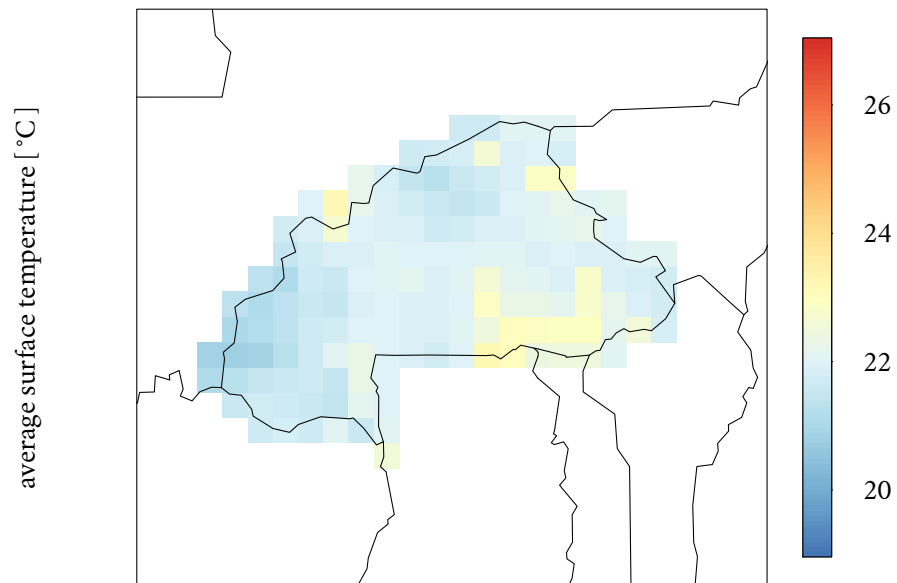


Figure 1077: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

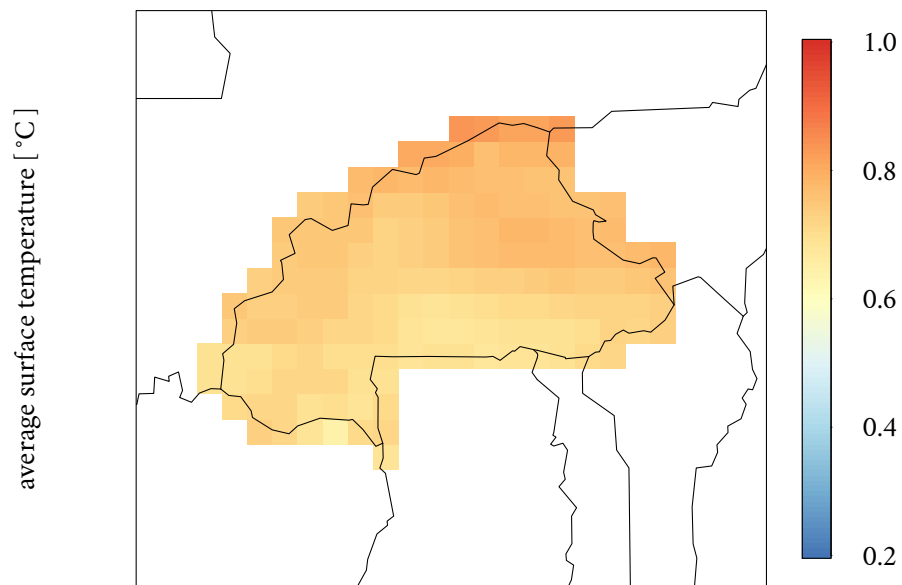


Figure 1078: Mean across years, RCP 2.6, 2060 .. 2089

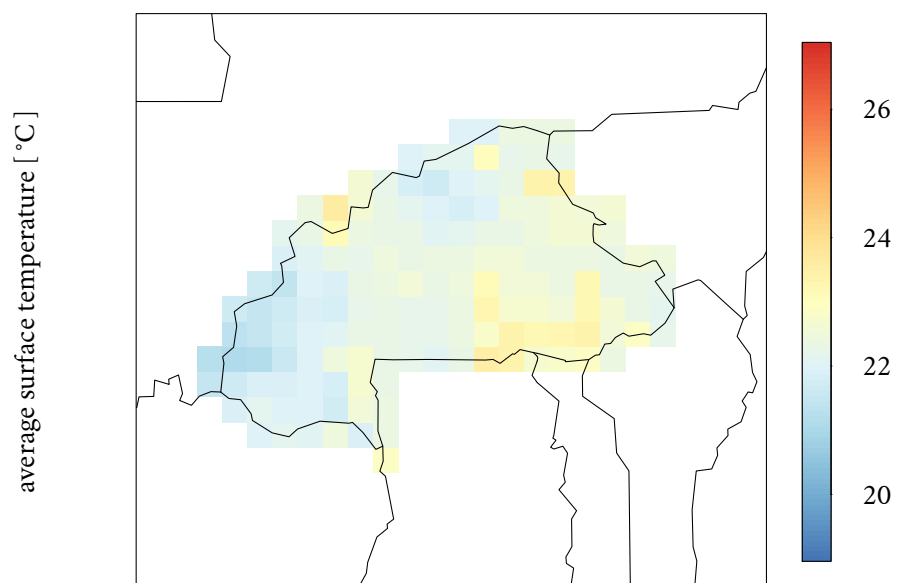


Figure 1079: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

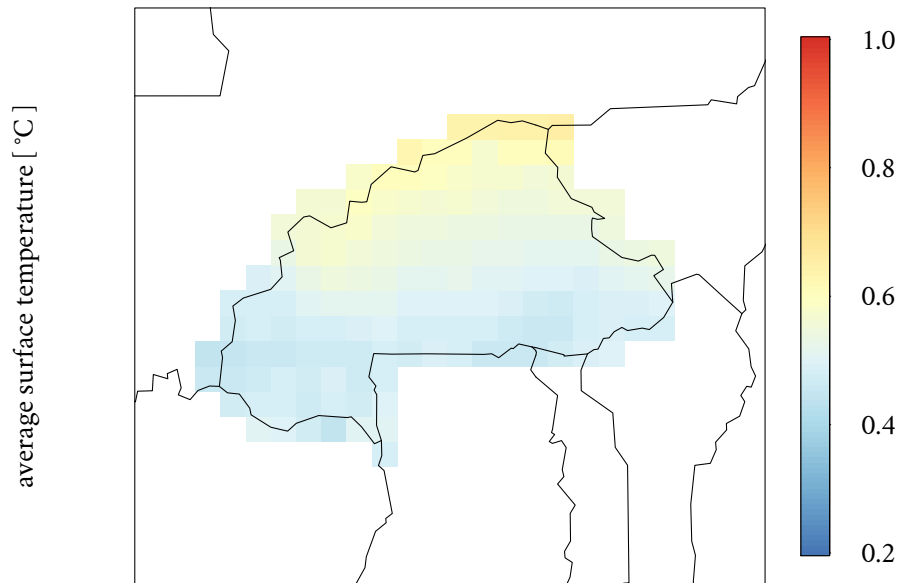
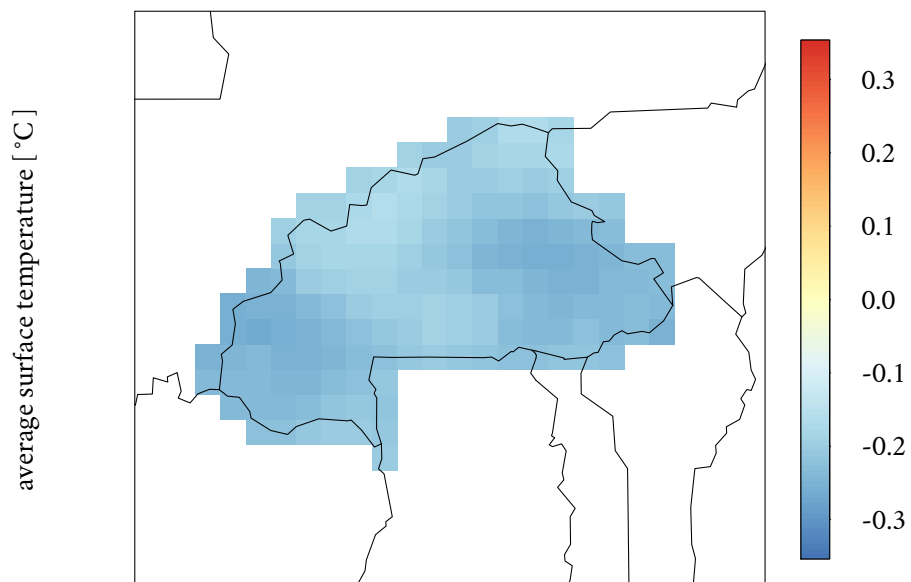


Figure 1080: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.1.3 GCM MIROC-MIROC5 / RCM REMO2009

Figure 1081: Mean across years, RCP 2.6, 2020 .. 2049

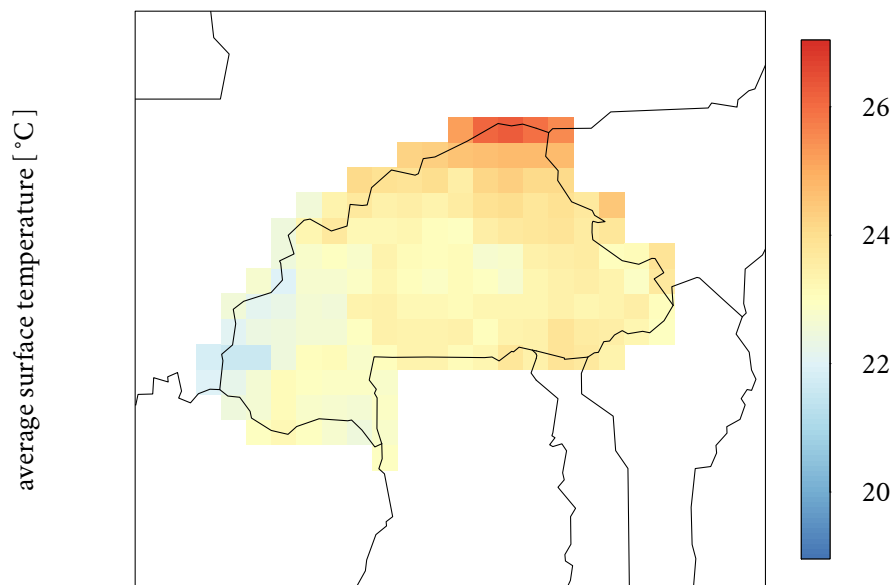


Figure 1082: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

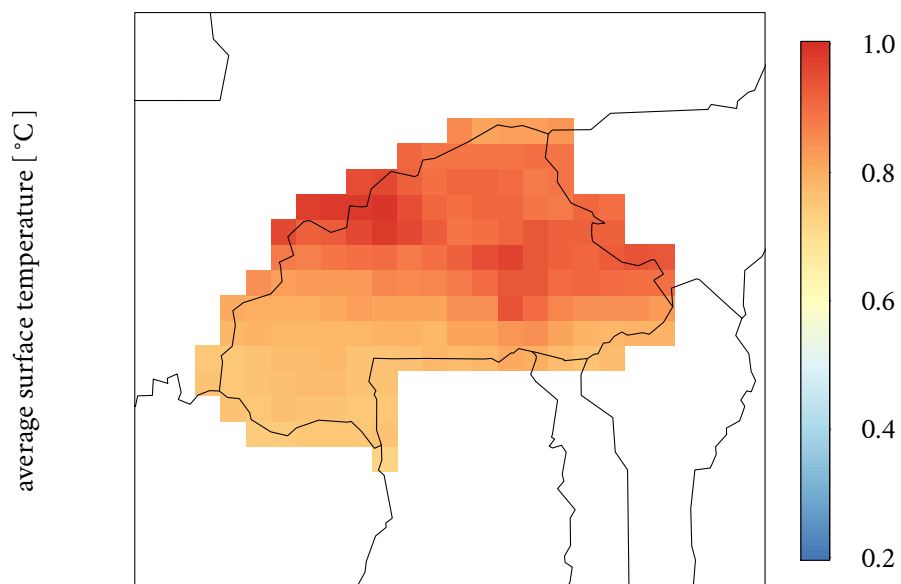


Figure 1083: Mean across years, RCP 2.6, 2060 .. 2089

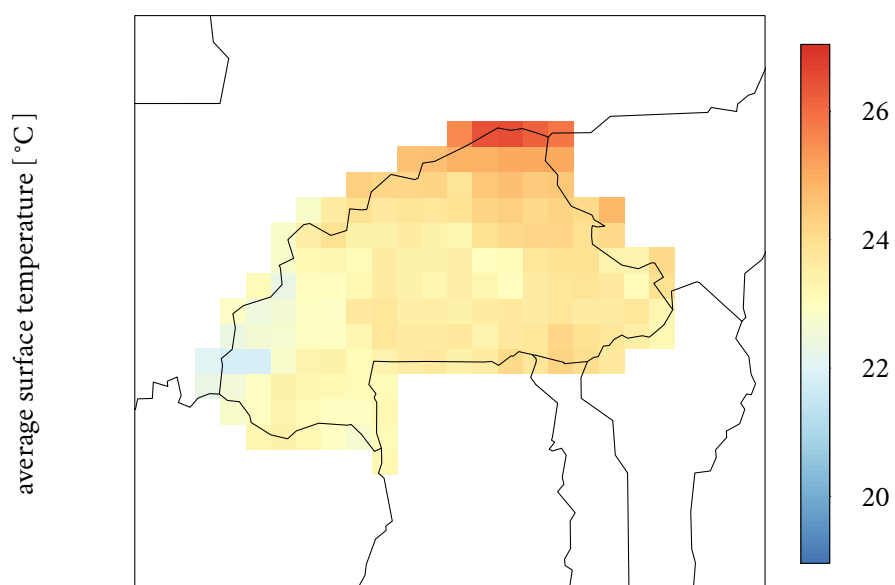


Figure 1084: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

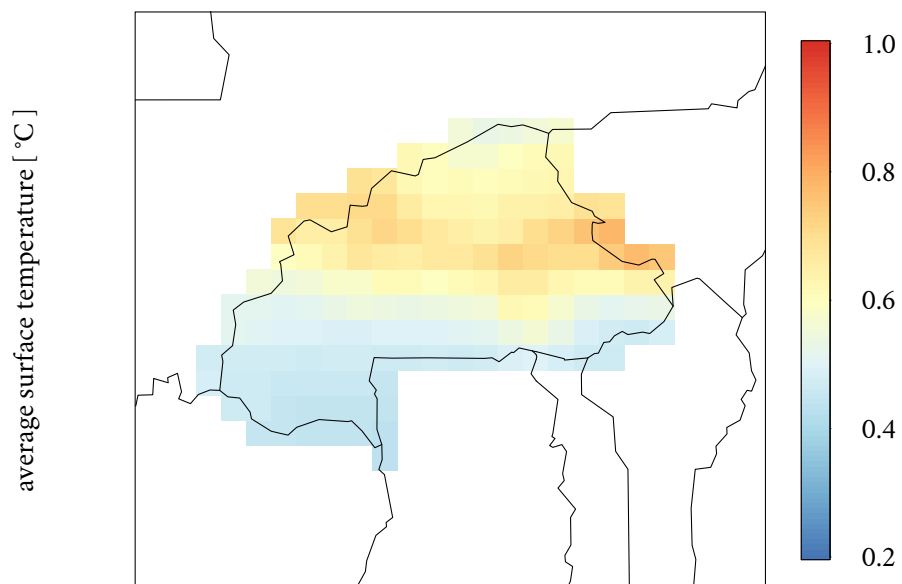
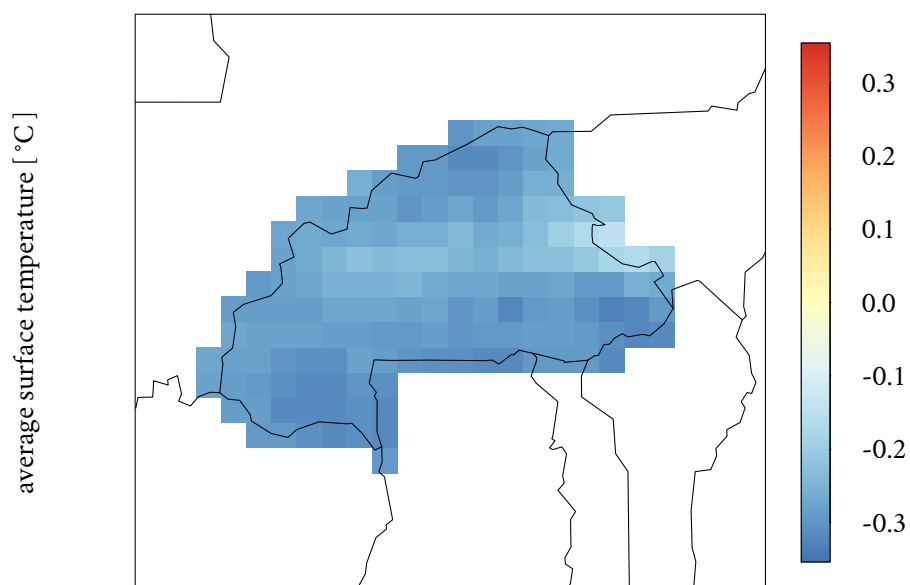


Figure 1085: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.1.4 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 1086: Mean across years, RCP 2.6, 2020 .. 2049

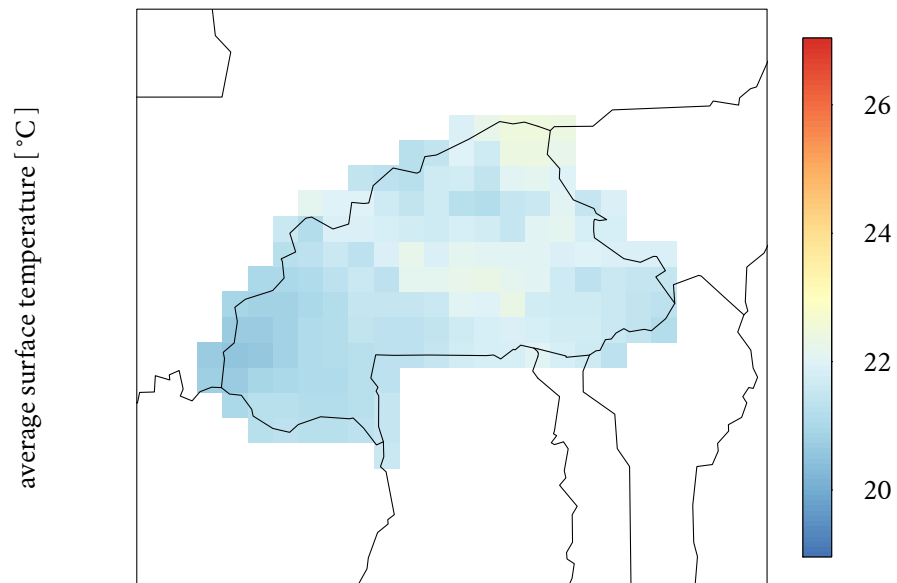


Figure 1087: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

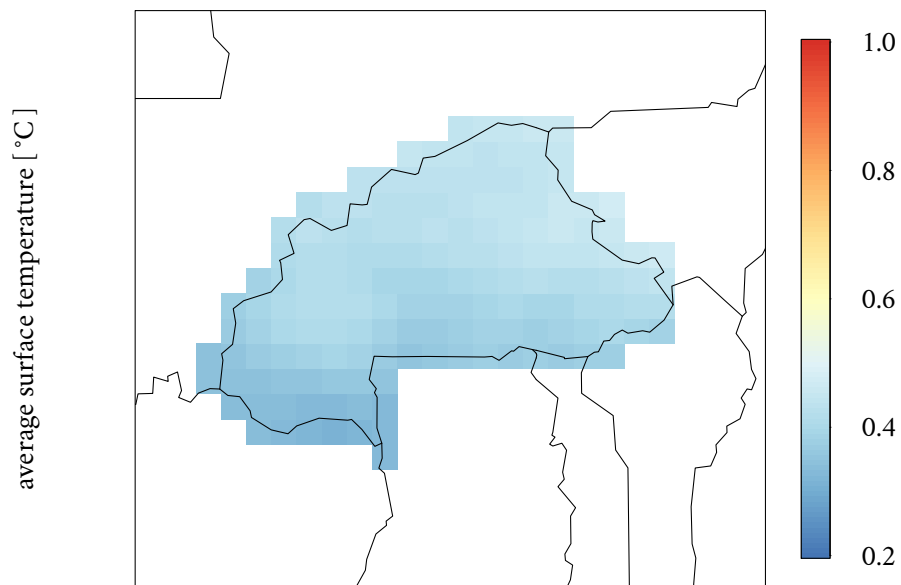


Figure 1088: Mean across years, RCP 2.6, 2060 .. 2089

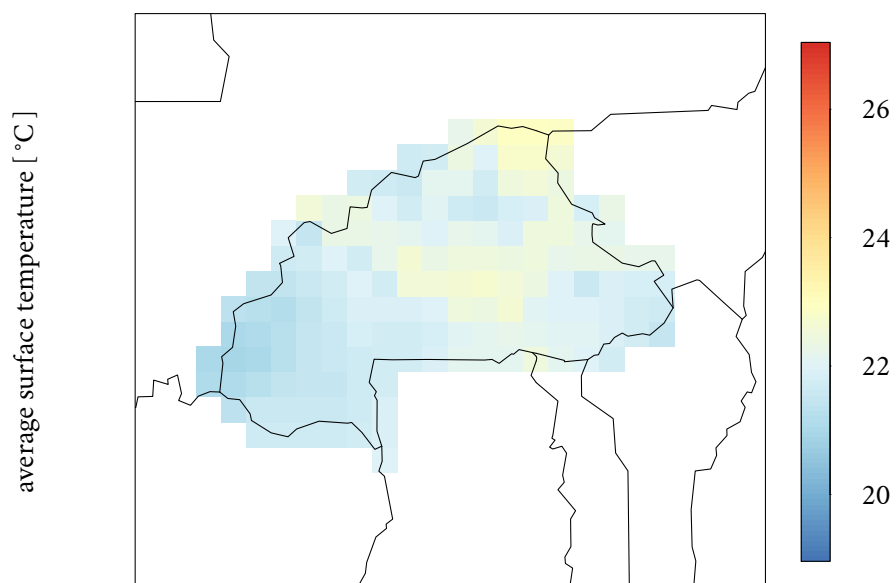


Figure 1089: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

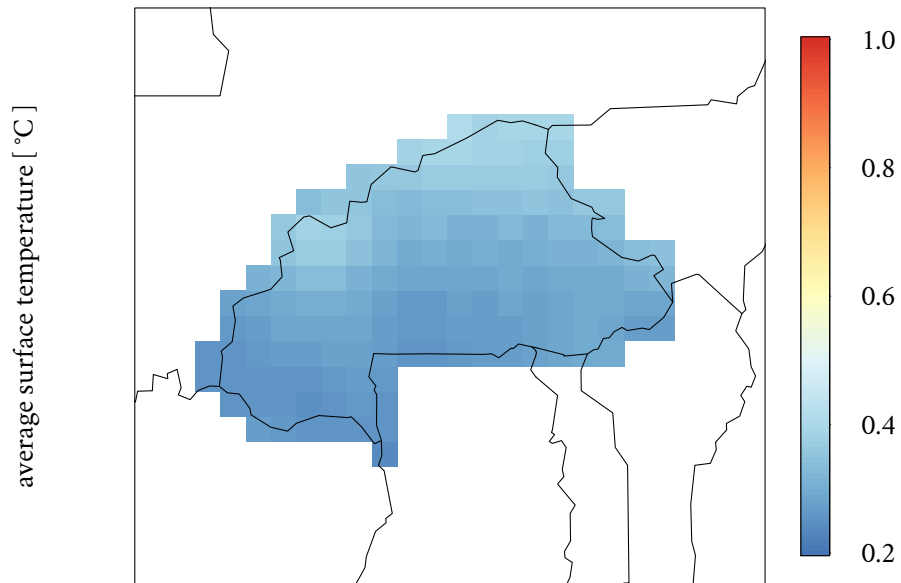
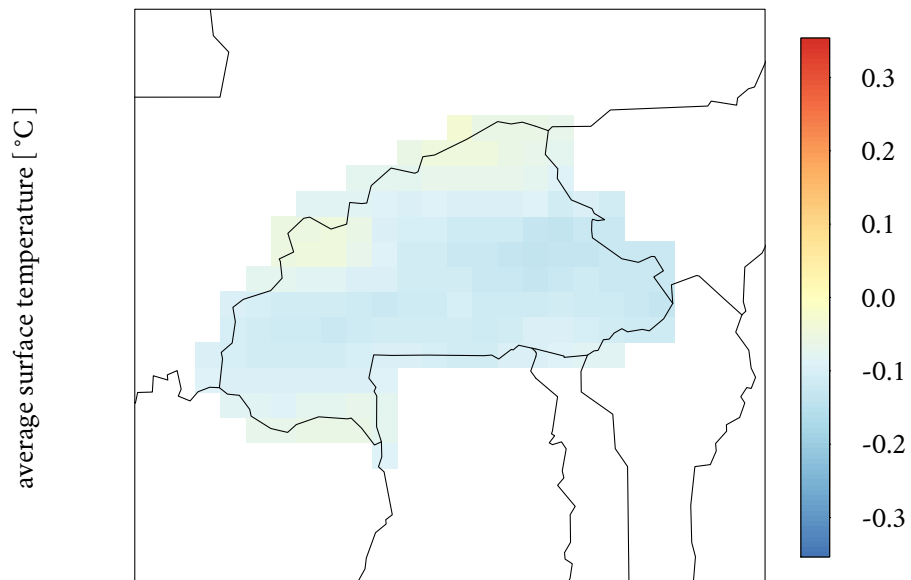


Figure 1090: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.1.5 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 1091: Mean across years, RCP 2.6, 2020 .. 2049

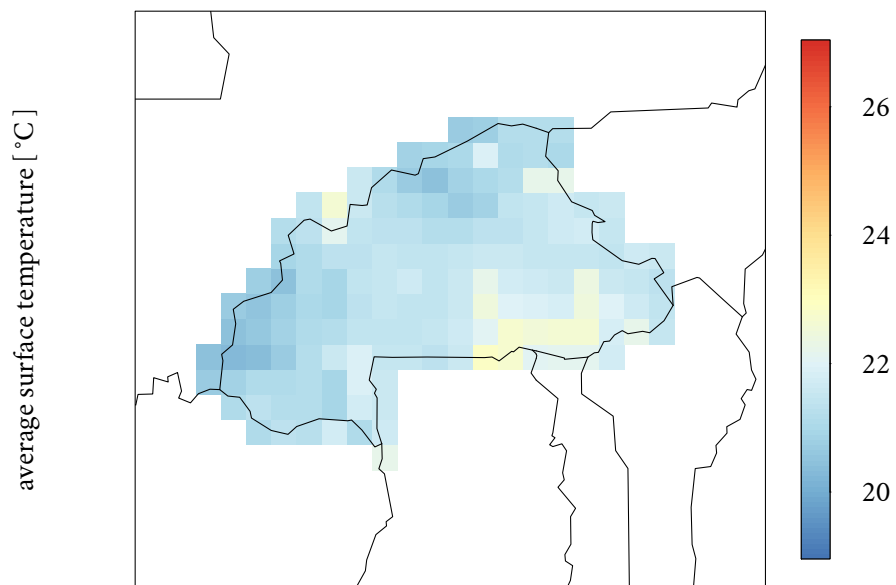


Figure 1092: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

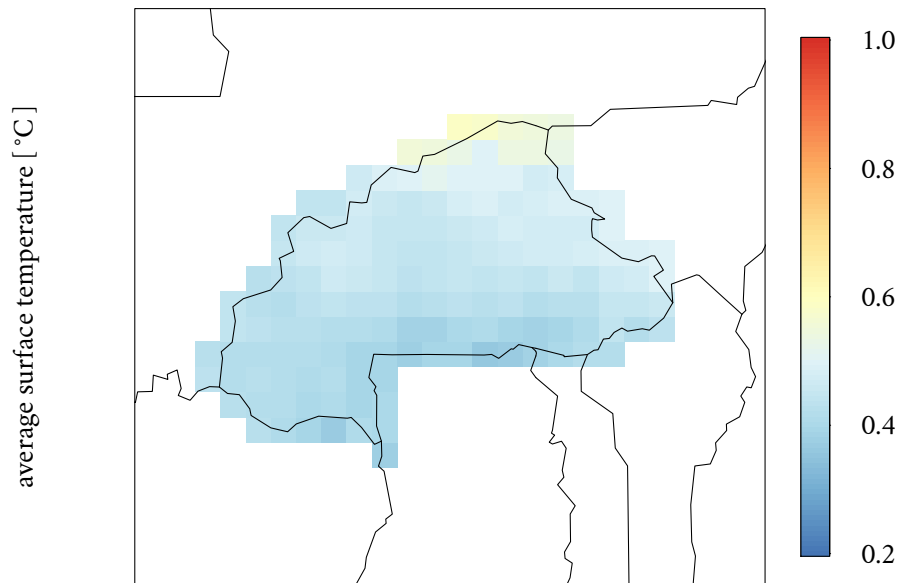


Figure 1093: Mean across years, RCP 2.6, 2060 .. 2089

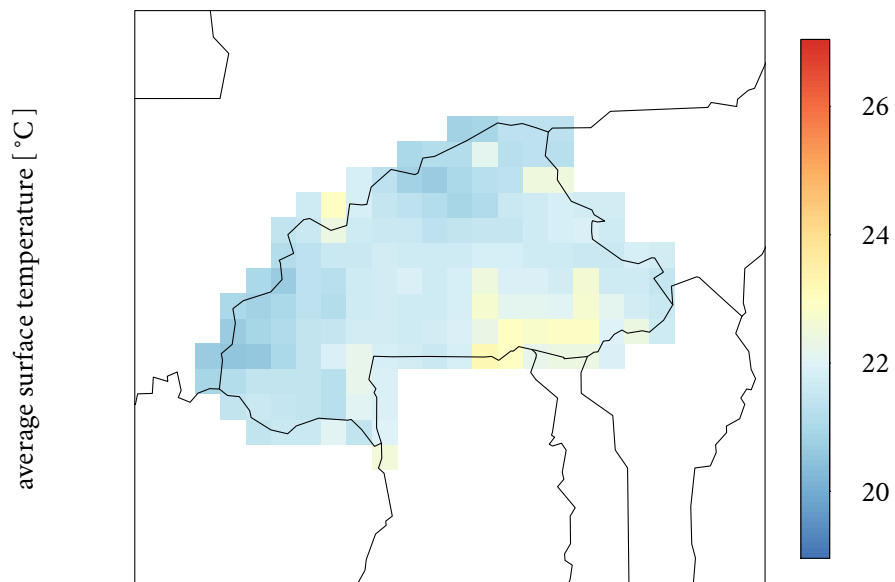


Figure 1094: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

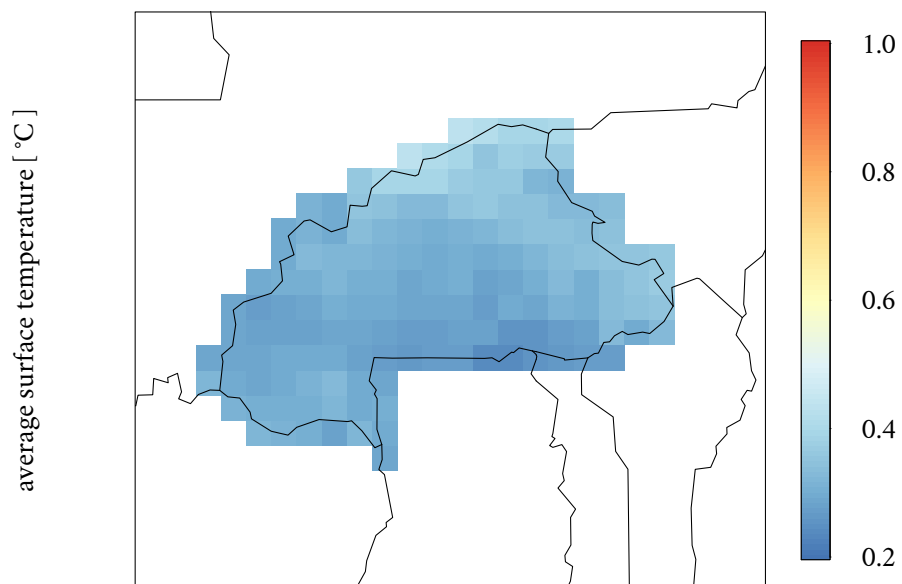
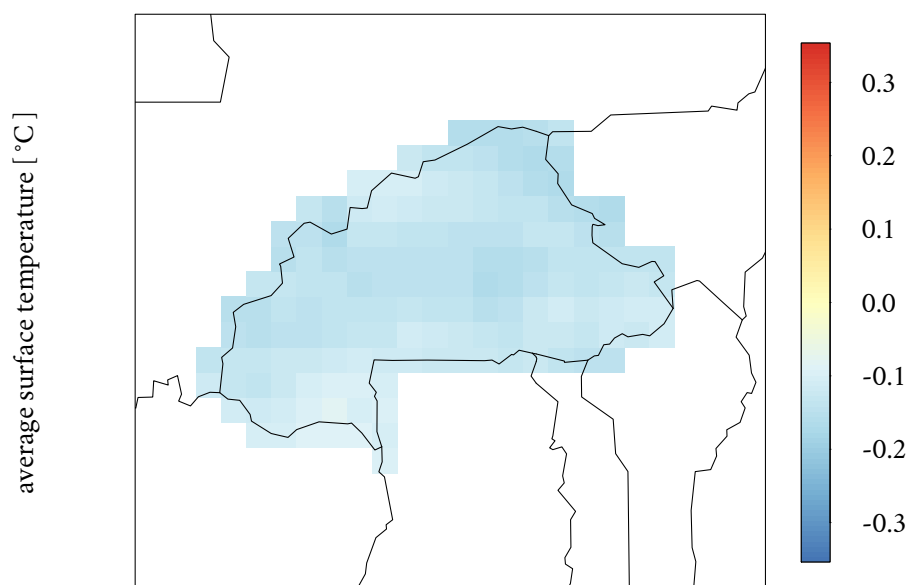


Figure 1095: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.1.6 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 1096: Mean across years, RCP 2.6, 2020 .. 2049

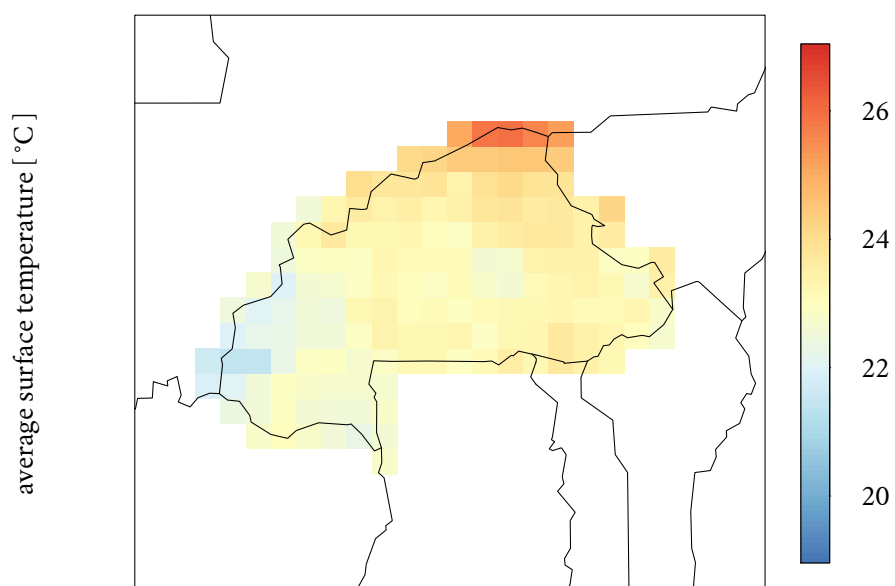


Figure 1097: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

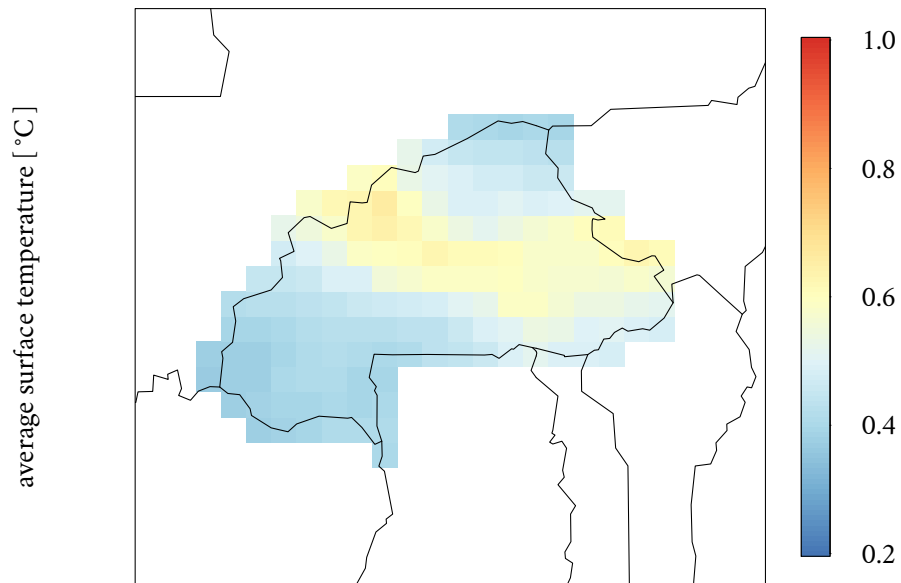


Figure 1098: Mean across years, RCP 2.6, 2060 .. 2089

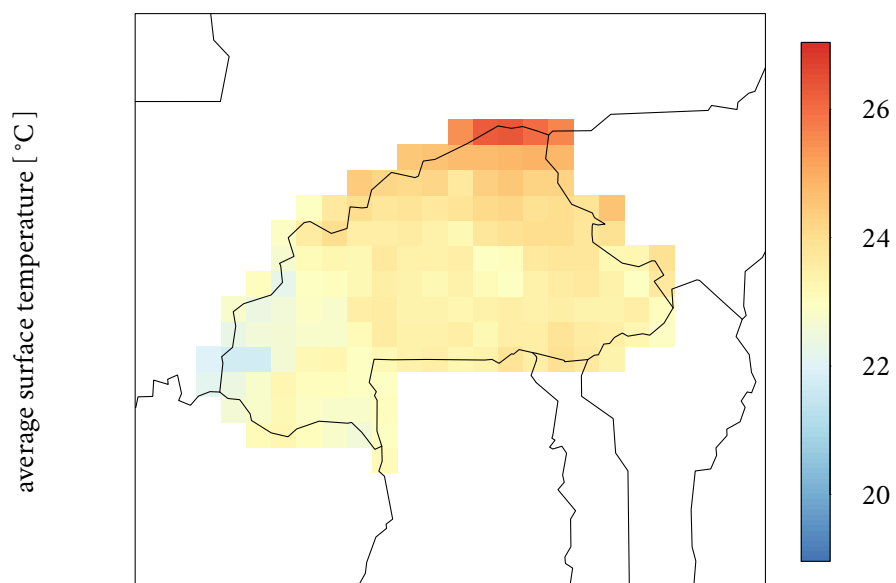


Figure 1099: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

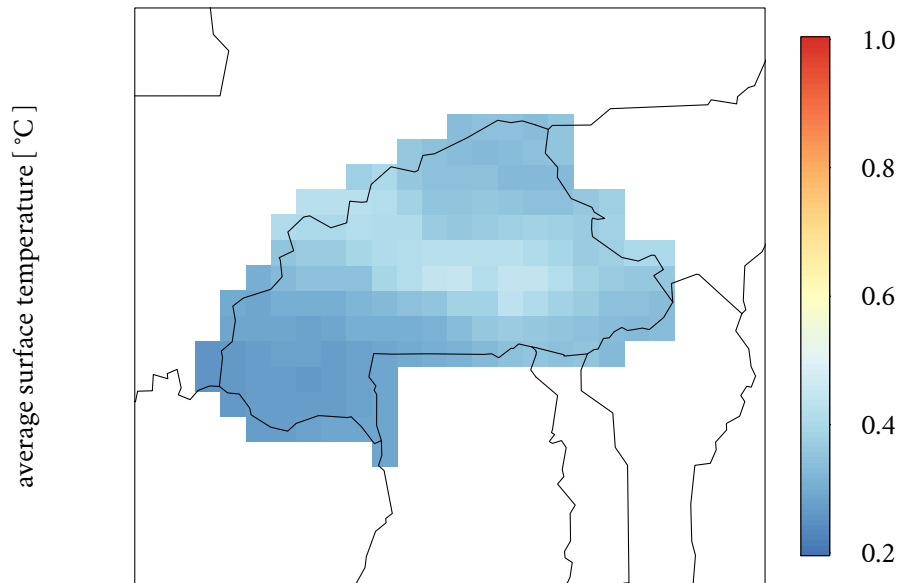
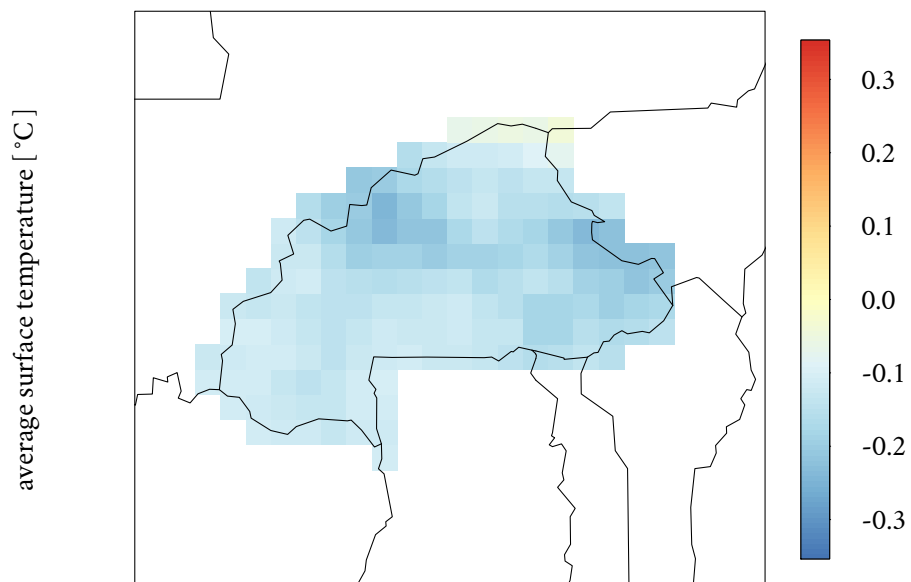


Figure 1100: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.1.7 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 1101: Mean across years, RCP 2.6, 2020 .. 2049

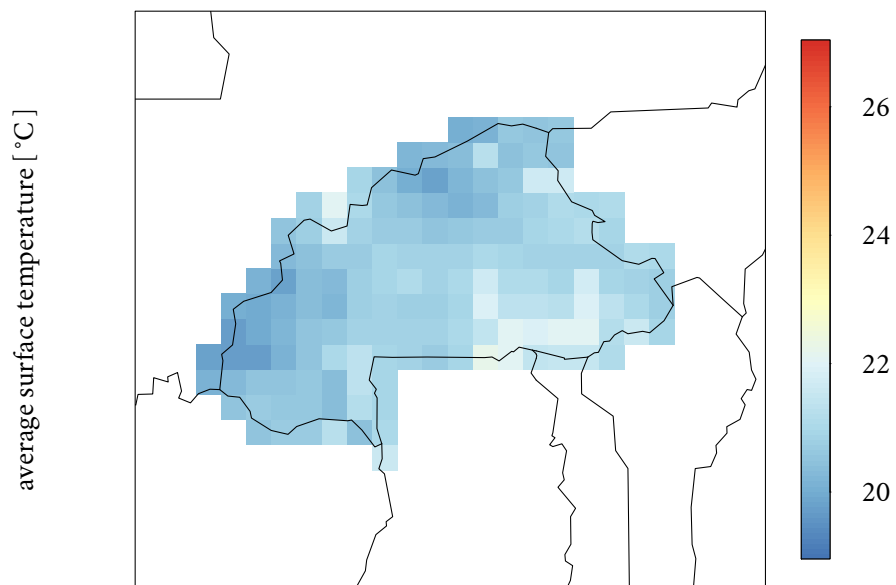


Figure 1102: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

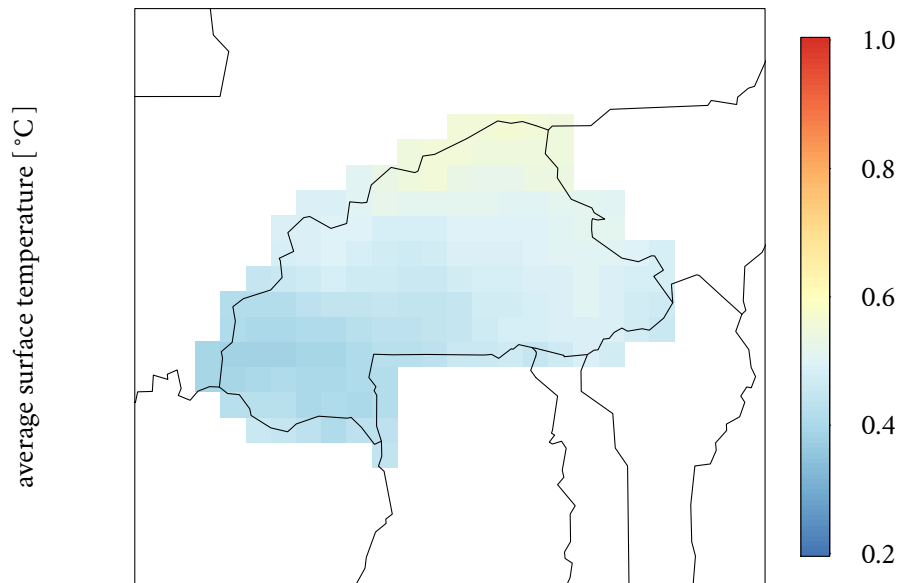


Figure 1103: Mean across years, RCP 2.6, 2060 .. 2089

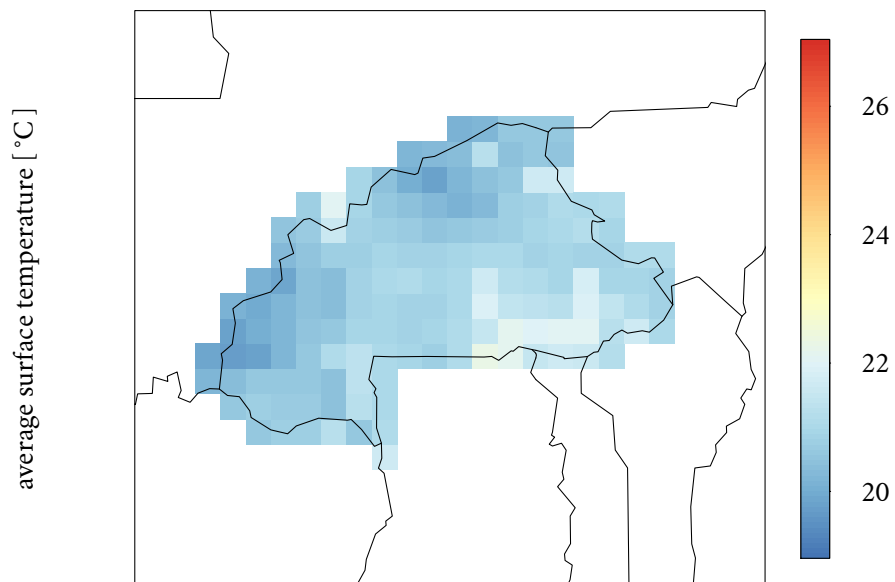


Figure 1104: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

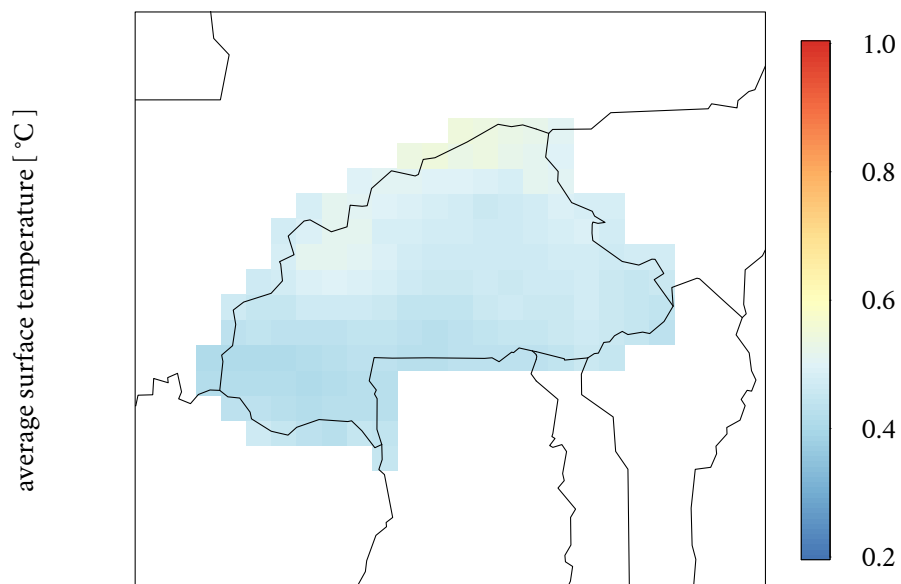
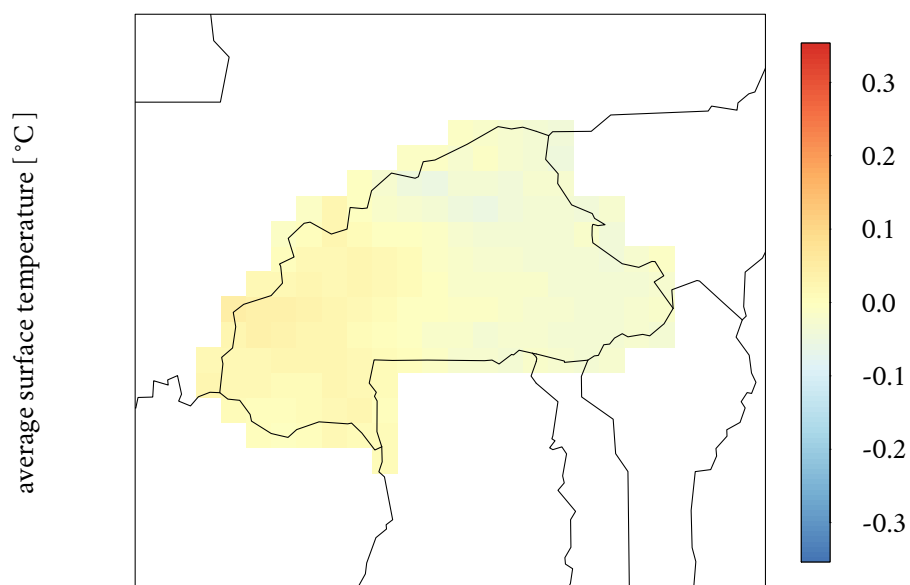


Figure 1105: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.1.8 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 1106: Mean across years, RCP 2.6, 2020 .. 2049

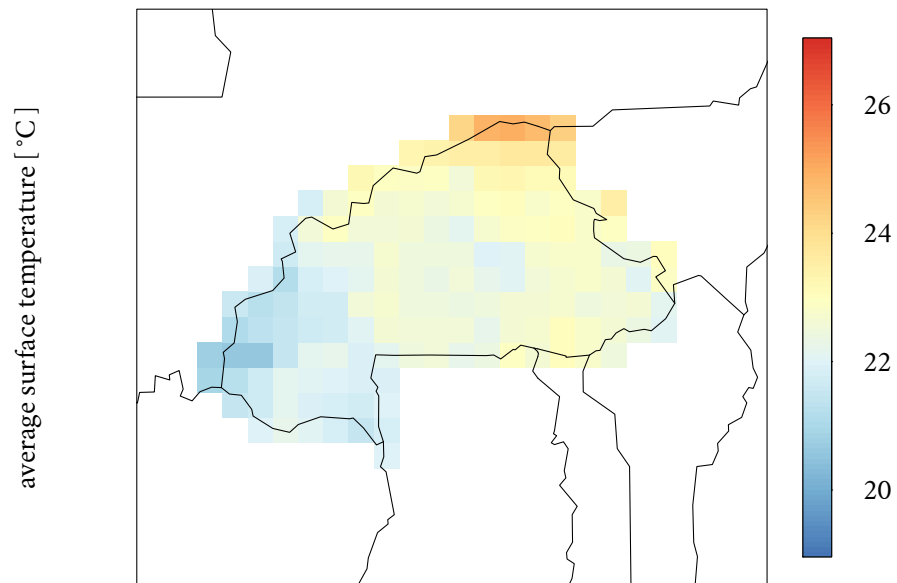


Figure 1107: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

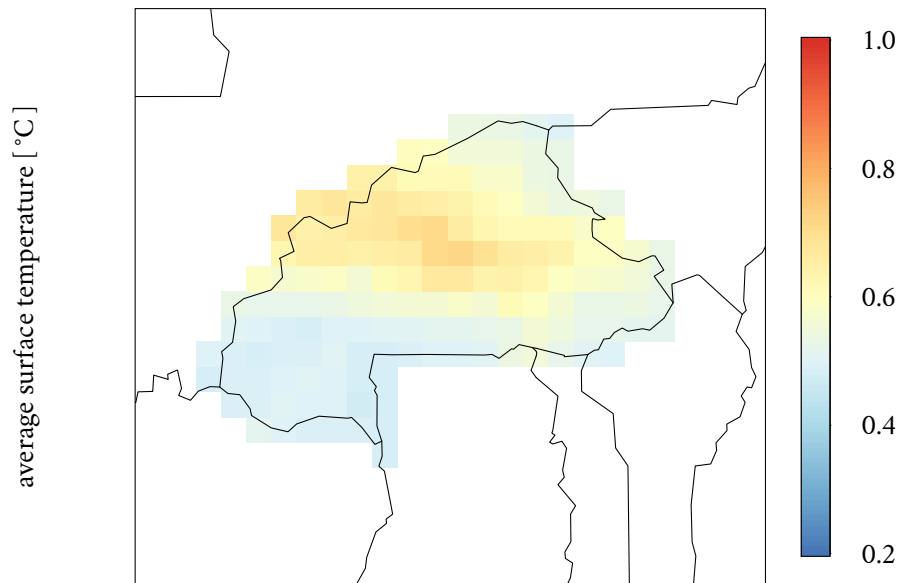


Figure 1108: Mean across years, RCP 2.6, 2060 .. 2089

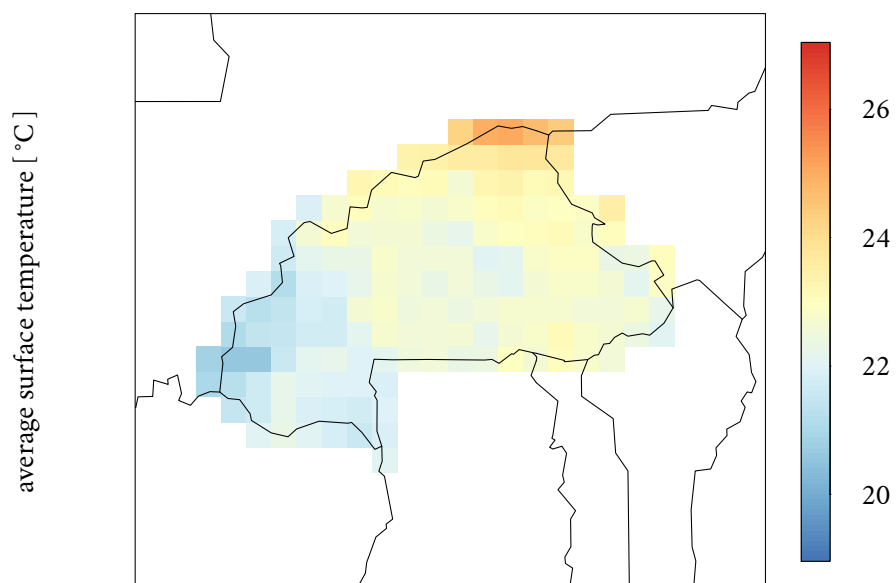


Figure 1109: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

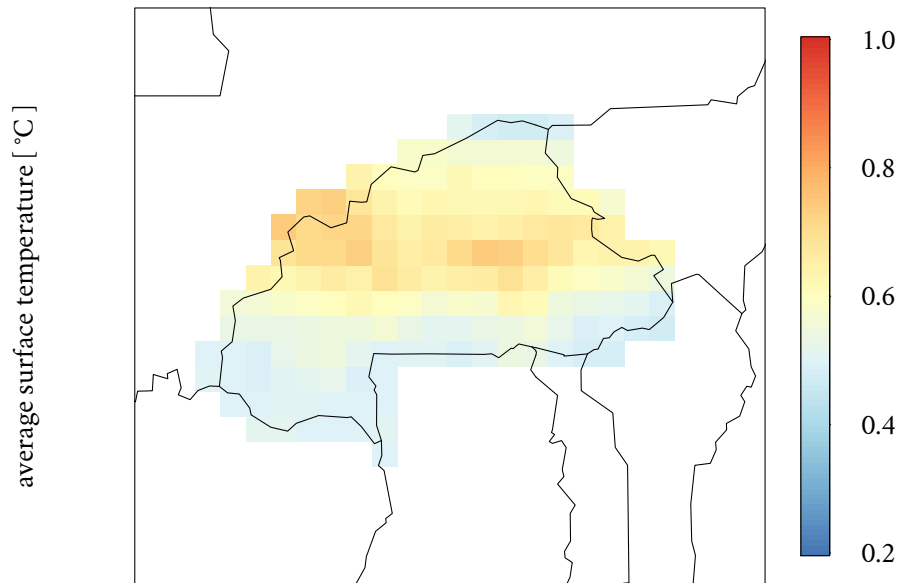
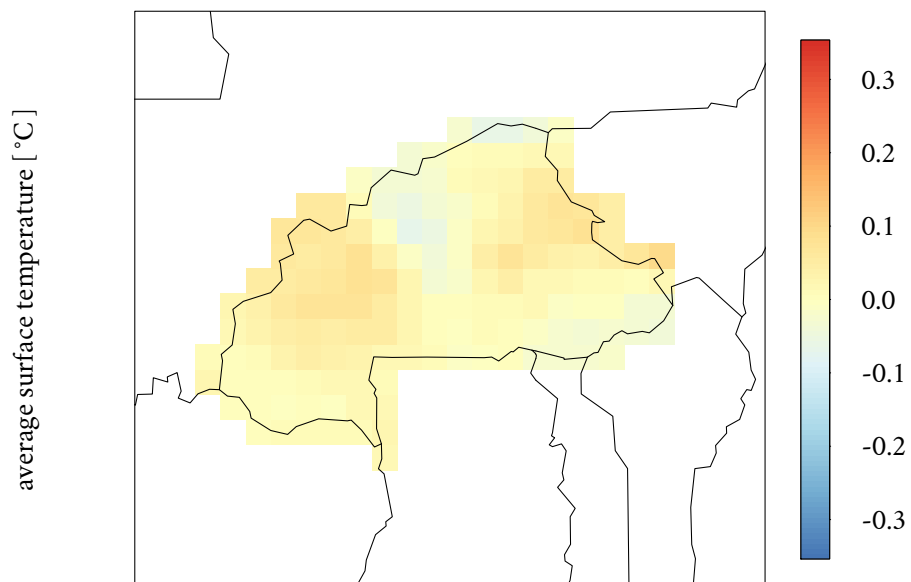


Figure 1110: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.1.9 GCM NCC-NorESM1-M / RCM RCA4

Figure 1111: Mean across years, RCP 2.6, 2020 .. 2049

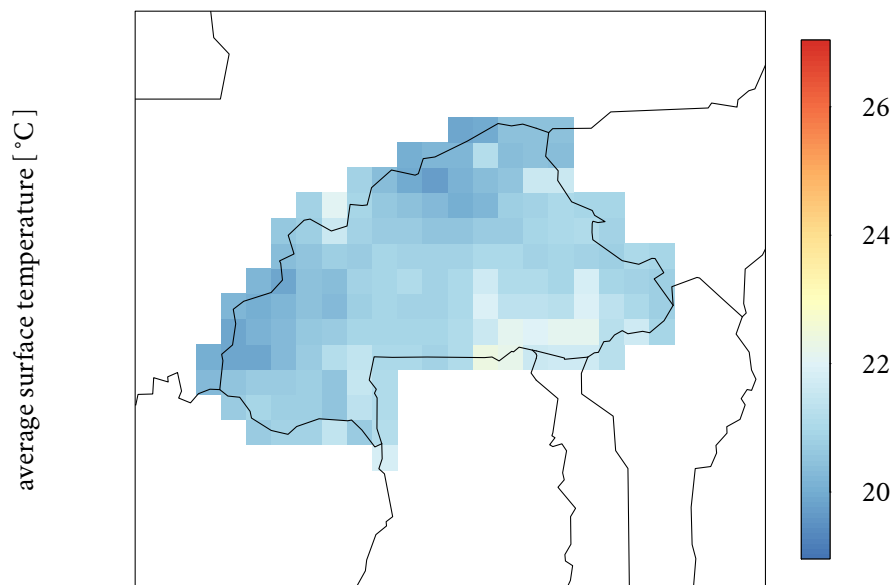


Figure 1112: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

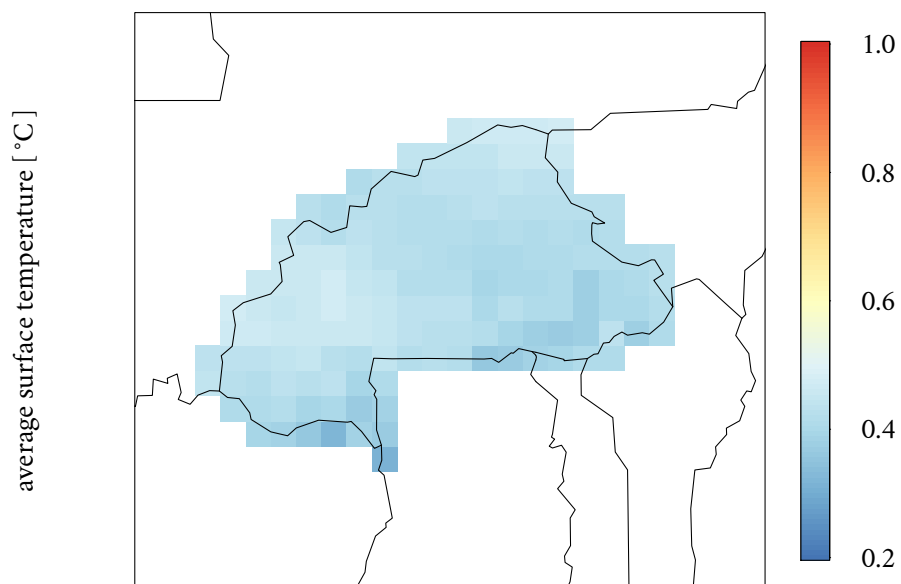


Figure 1113: Mean across years, RCP 2.6, 2060 .. 2089

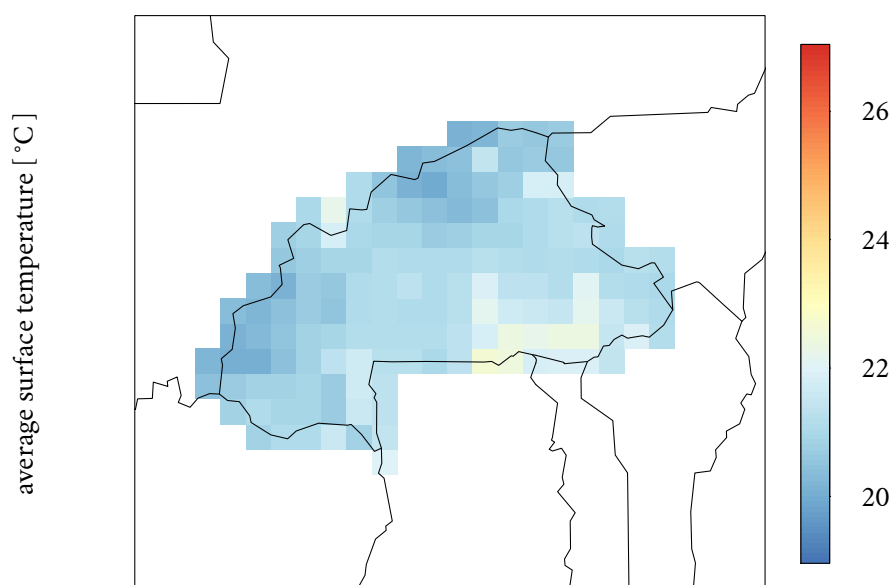


Figure 1114: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

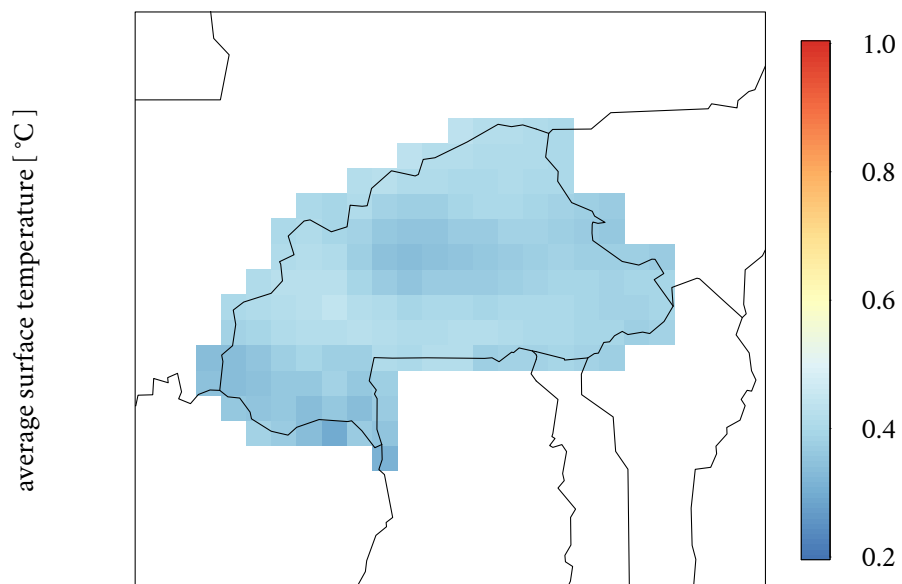
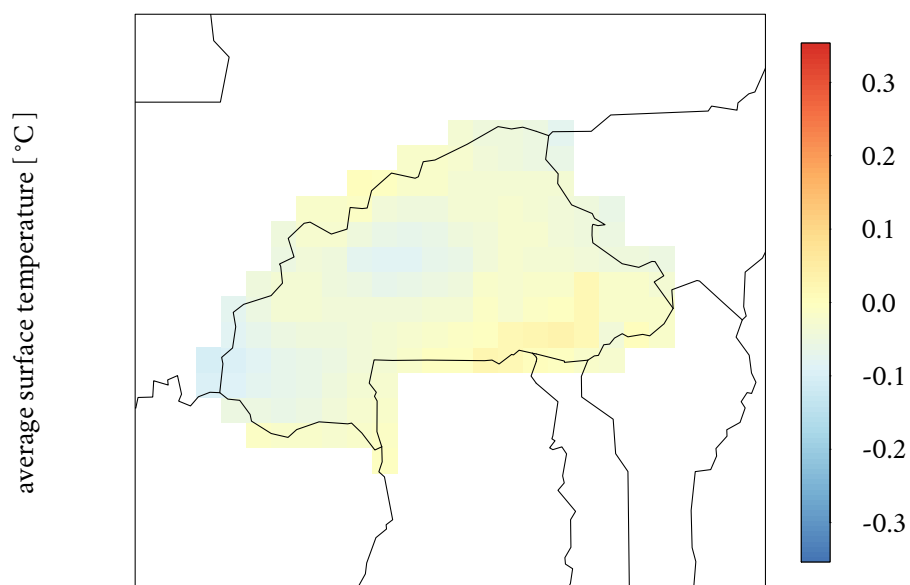


Figure 1115: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.1.10 GCM NOAA-GFDL-GFDL-ESM2G / RCM REMO2009

Figure 1116: Mean across years, RCP 2.6, 2020 .. 2049

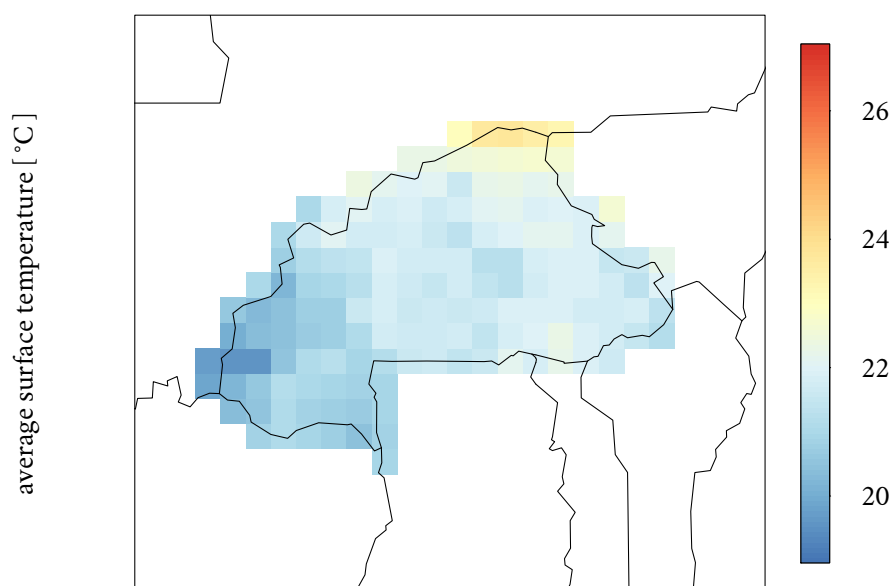


Figure 1117: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

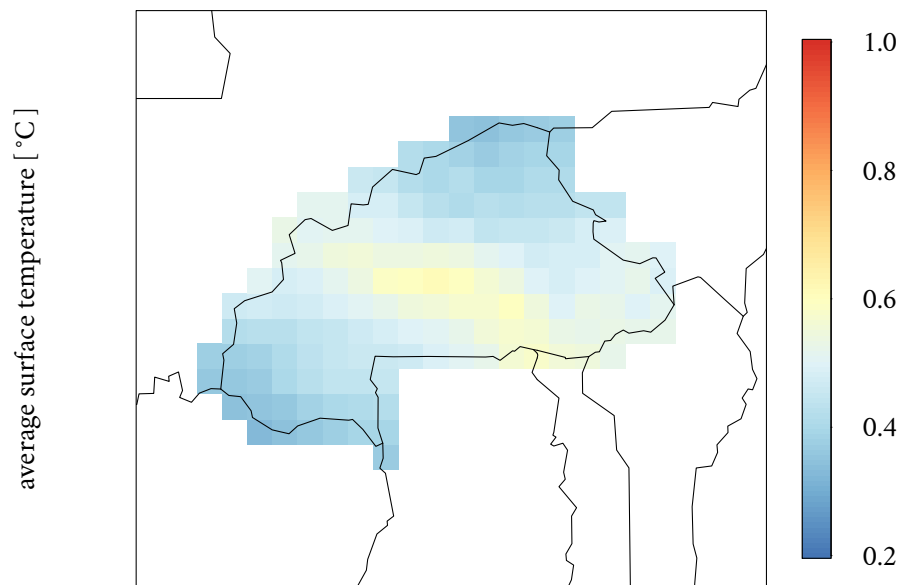


Figure 1118: Mean across years, RCP 2.6, 2060 .. 2089

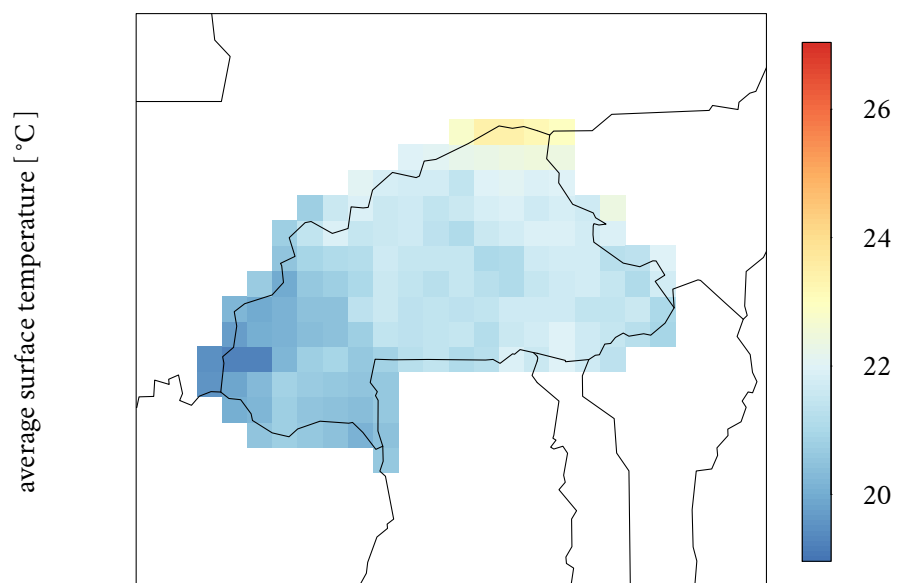


Figure 1119: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

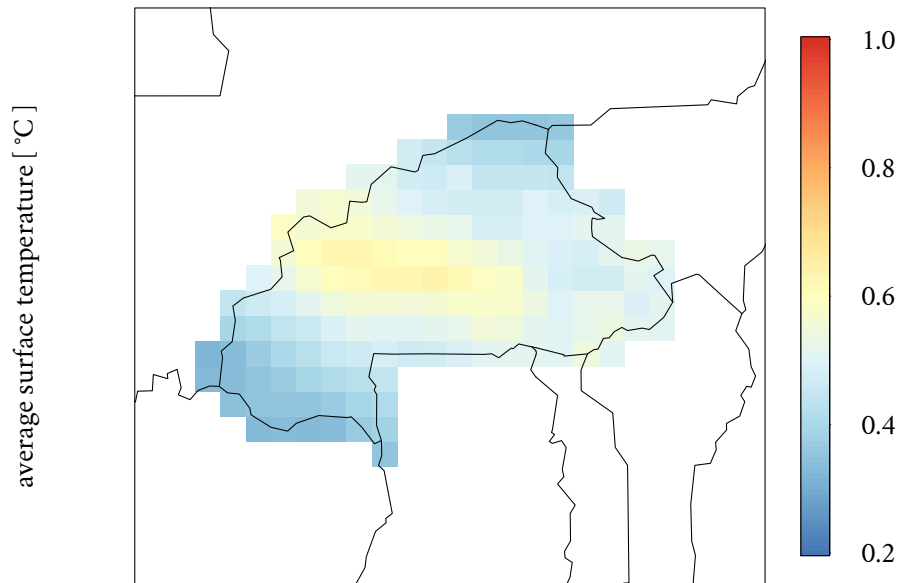
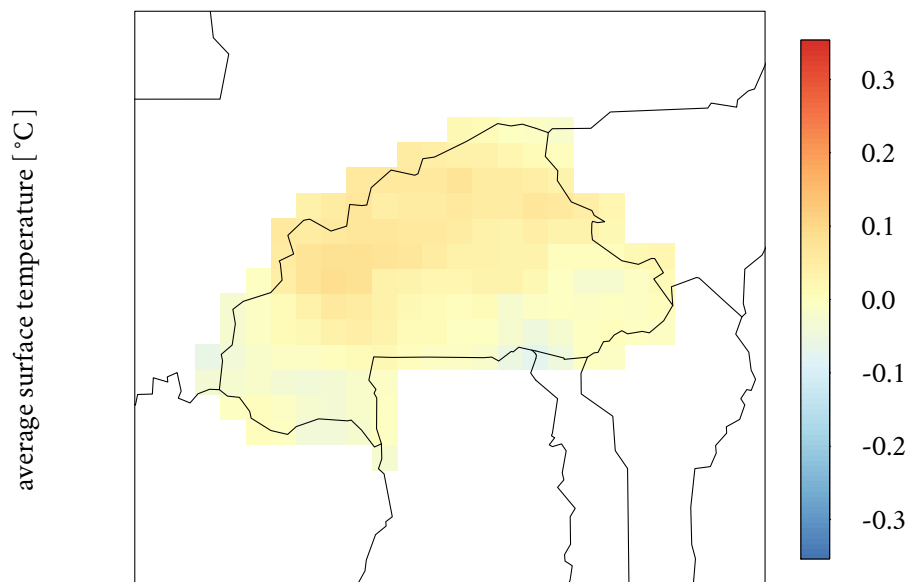


Figure 1120: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.2 Burkina Faso / RCP 8.5

D.2.1 GCM CCCma-CanESM2 / RCM RCA4

Figure 1121: Mean across years, RCP 8.5, 2020 .. 2049

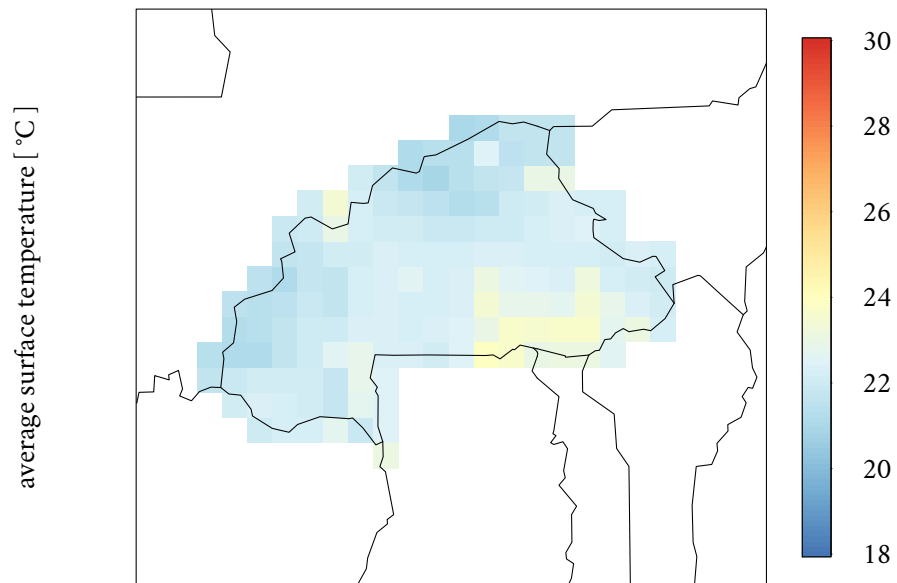


Figure 1122: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

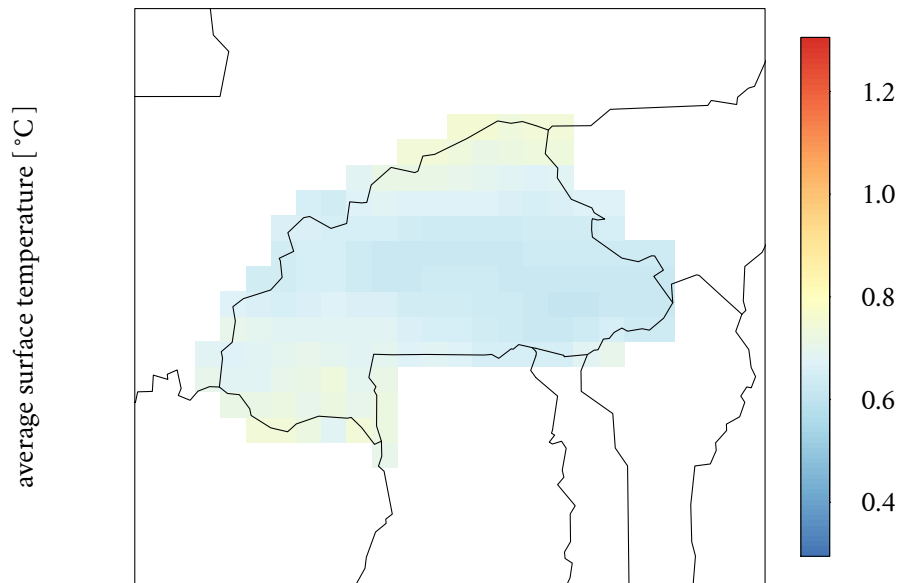


Figure 1123: Mean across years, RCP 8.5, 2060 .. 2089

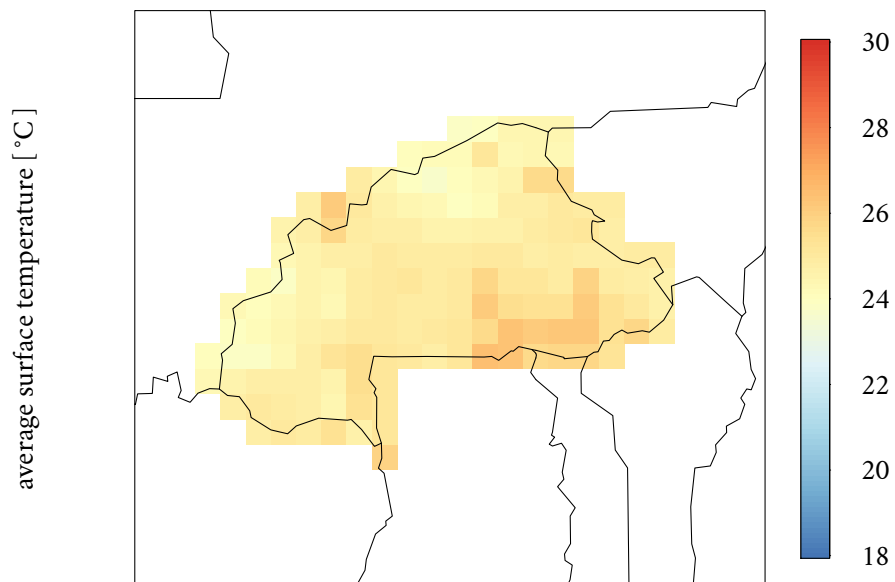


Figure 1124: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

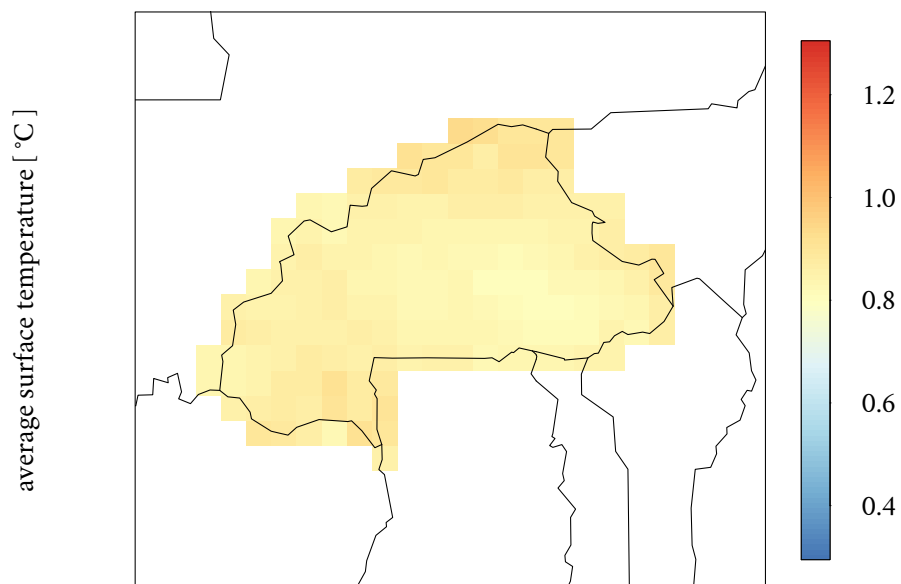
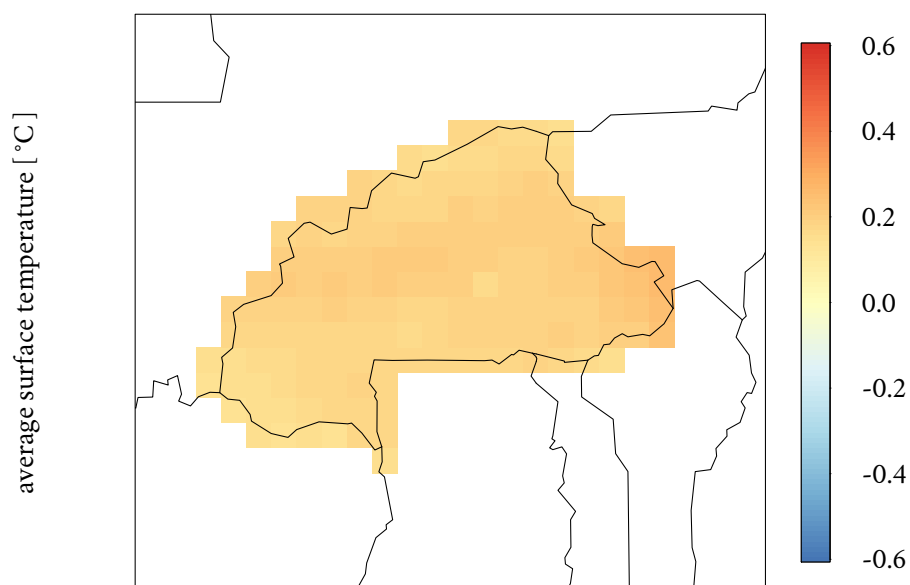


Figure 1125: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.2 GCM CNRM-CERFACS-CNRM-CM5 / RCM CCLM4-8-17

Figure 1126: Mean across years, RCP 8.5, 2020 .. 2049

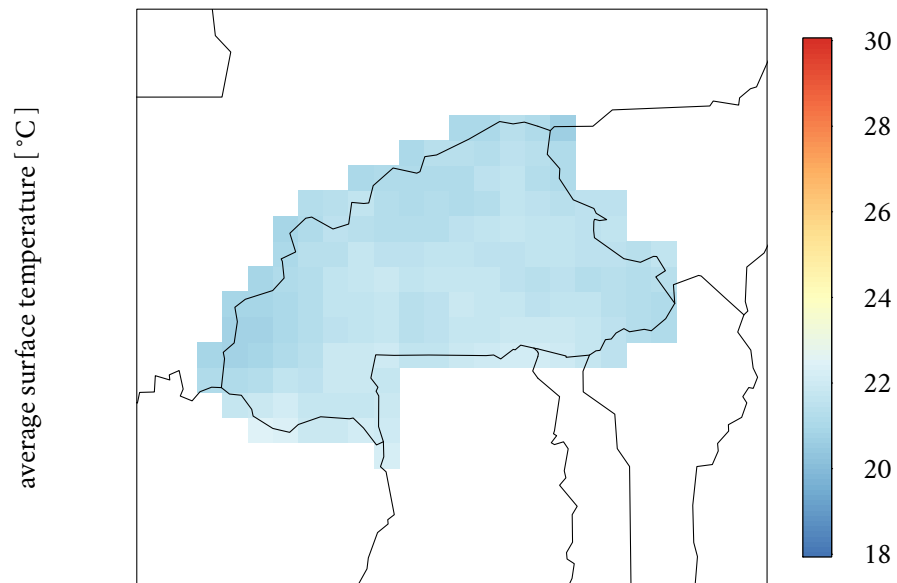


Figure 1127: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

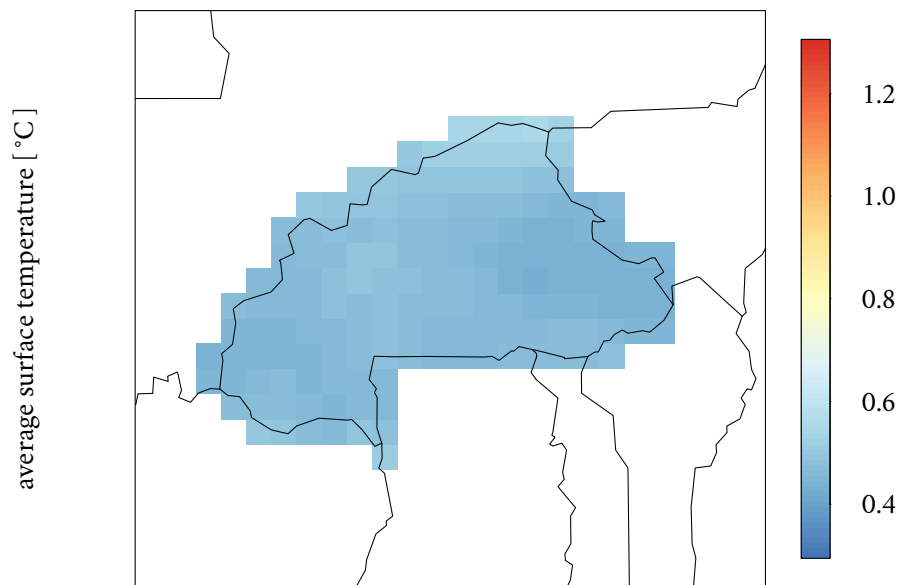


Figure 1128: Mean across years, RCP 8.5, 2060 .. 2089

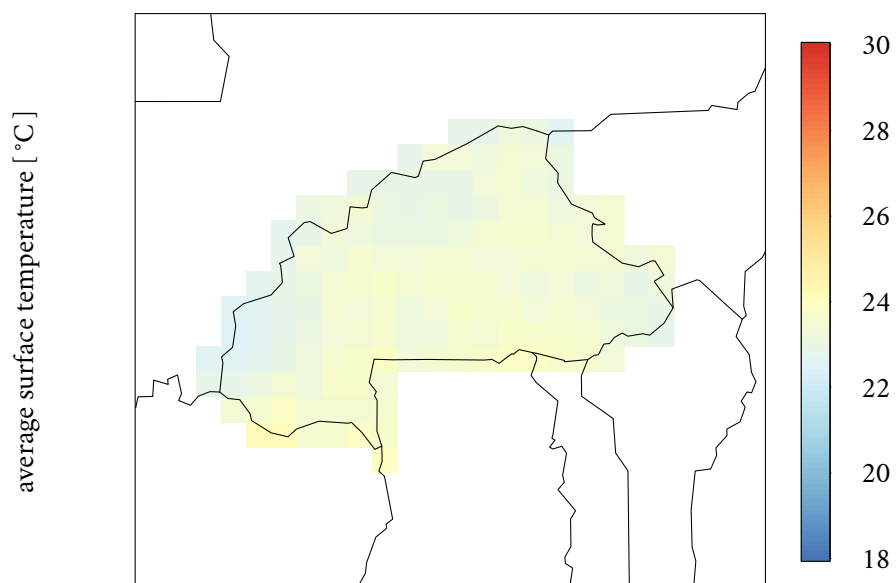


Figure 1129: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

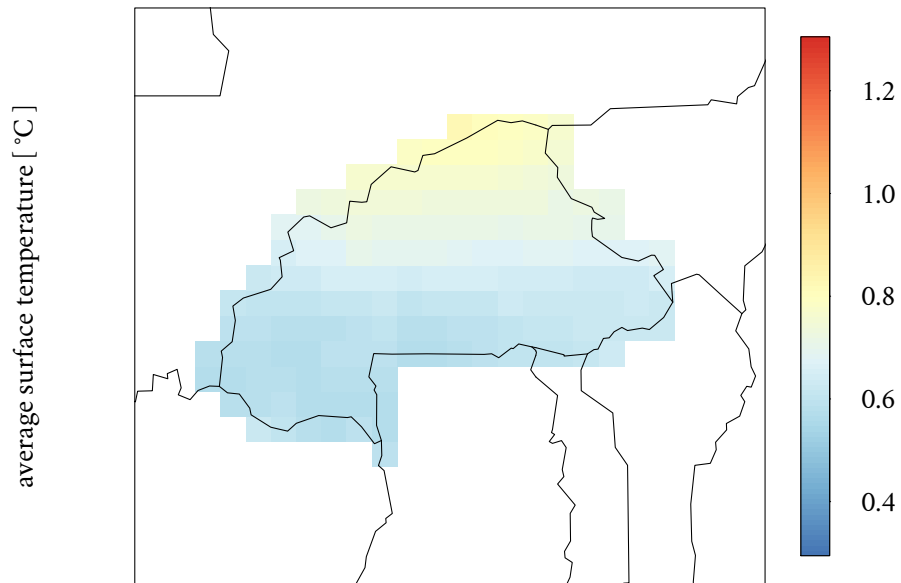
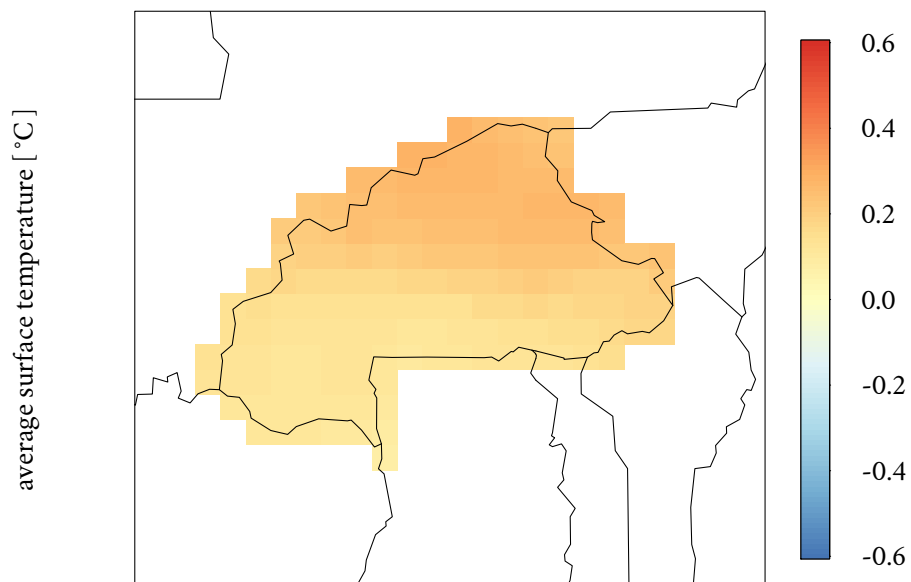


Figure 1130: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.3 GCM CNRM-CERFACS-CNRM-CM5 / RCM RCA4

Figure 1131: Mean across years, RCP 8.5, 2020 .. 2049

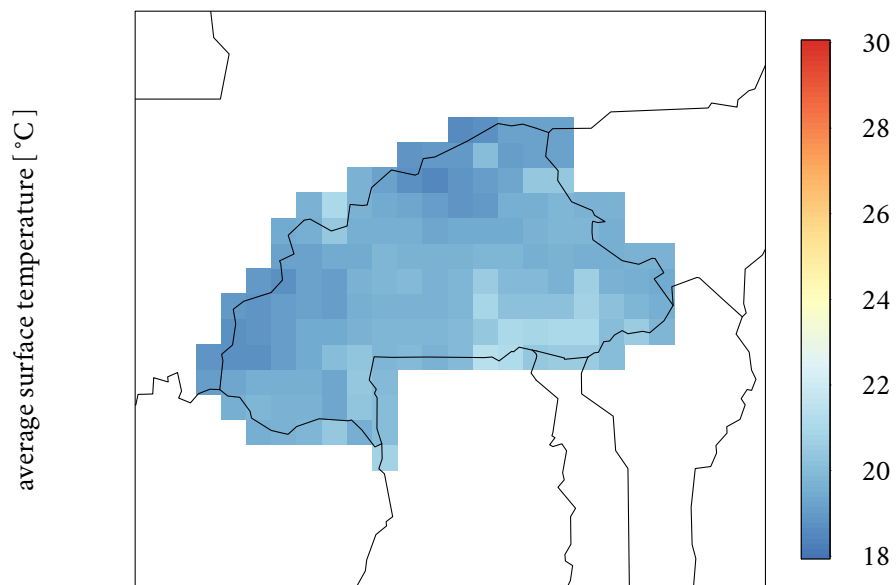


Figure 1132: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

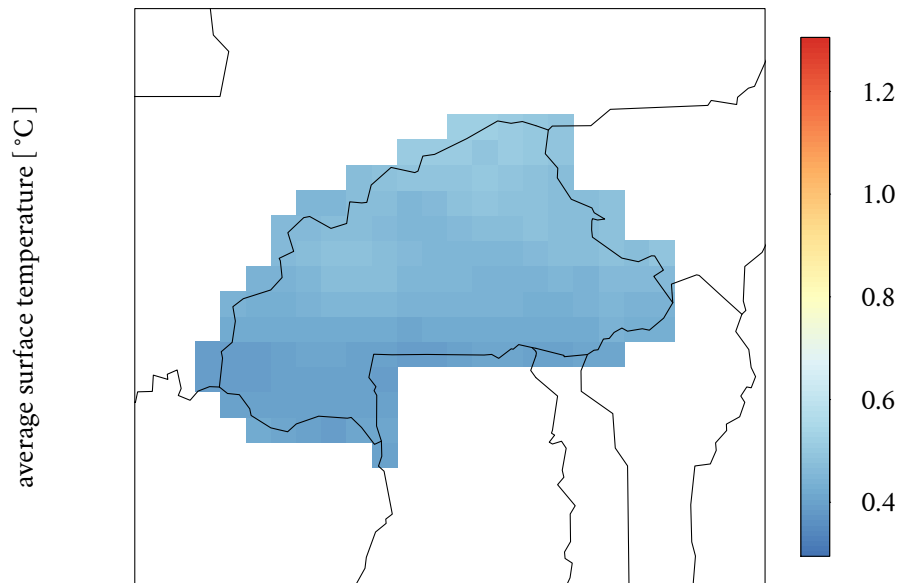


Figure 1133: Mean across years, RCP 8.5, 2060 .. 2089

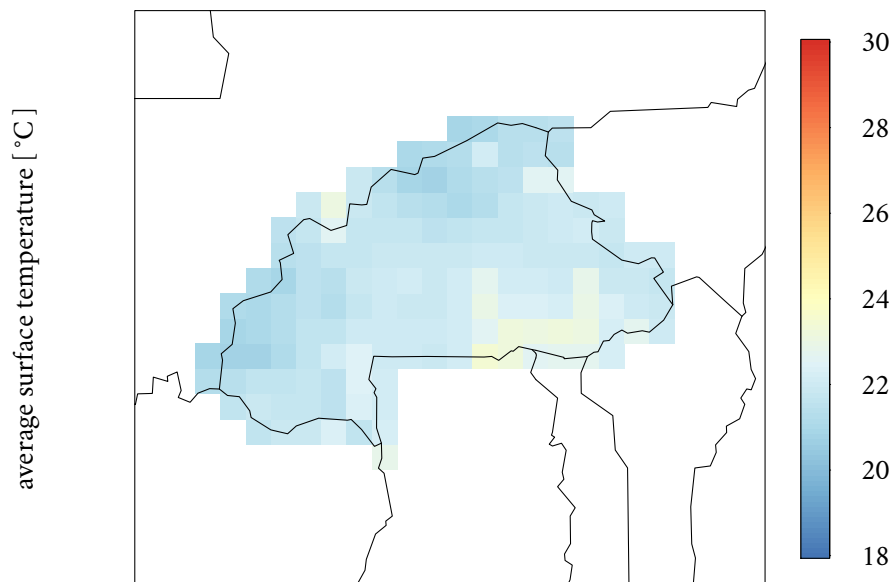


Figure 1134: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

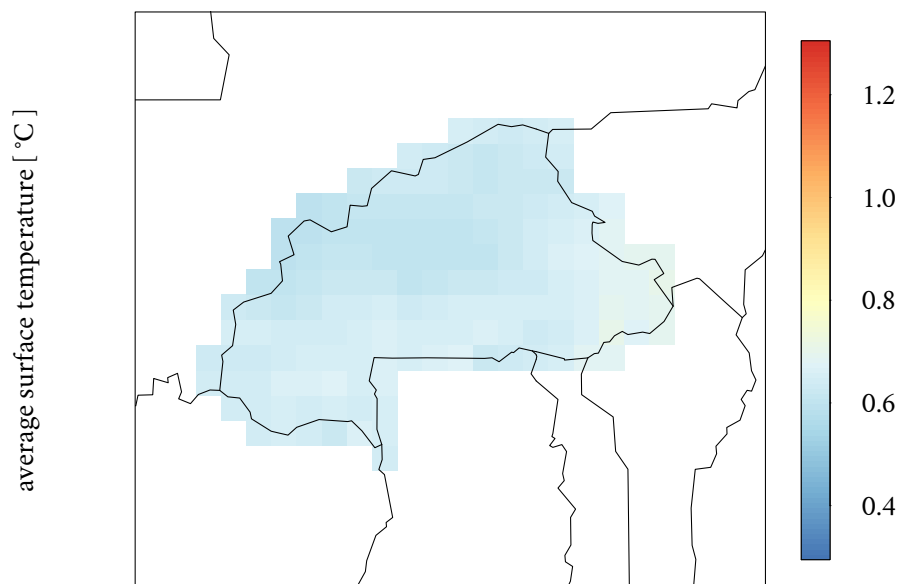
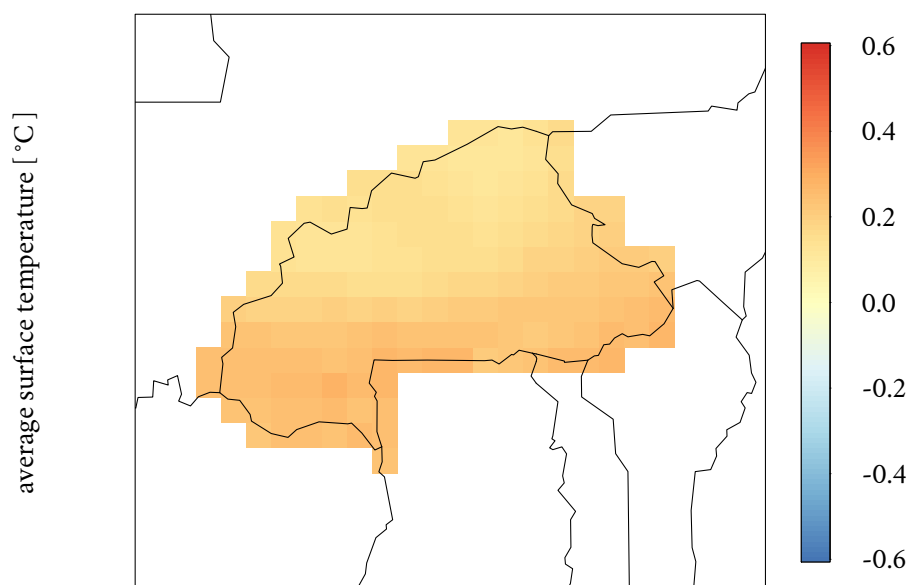


Figure 1135: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.4 GCM CSIRO-QCCCE-CSIRO-Mk3-6-0 / RCM RCA4

Figure 1136: Mean across years, RCP 8.5, 2020 .. 2049

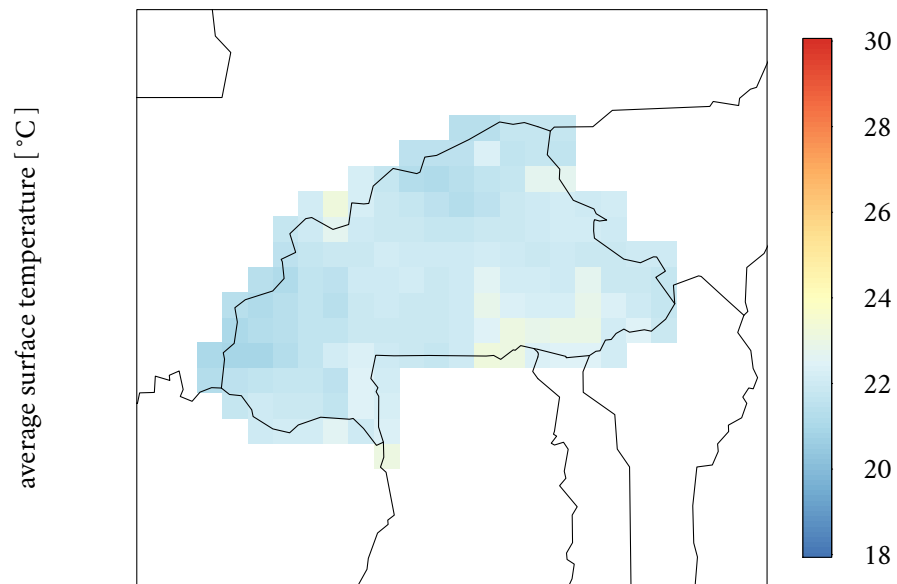


Figure 1137: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

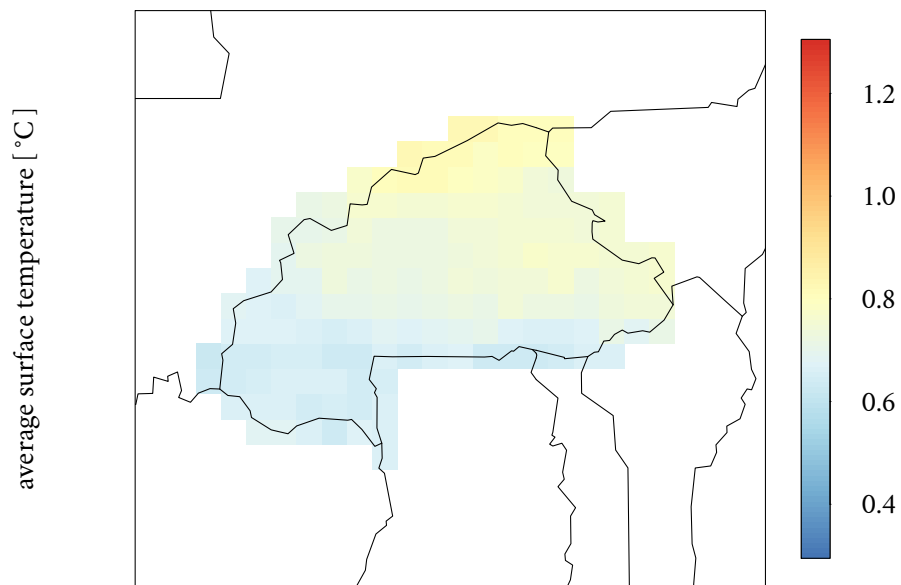


Figure 1138: Mean across years, RCP 8.5, 2060 .. 2089

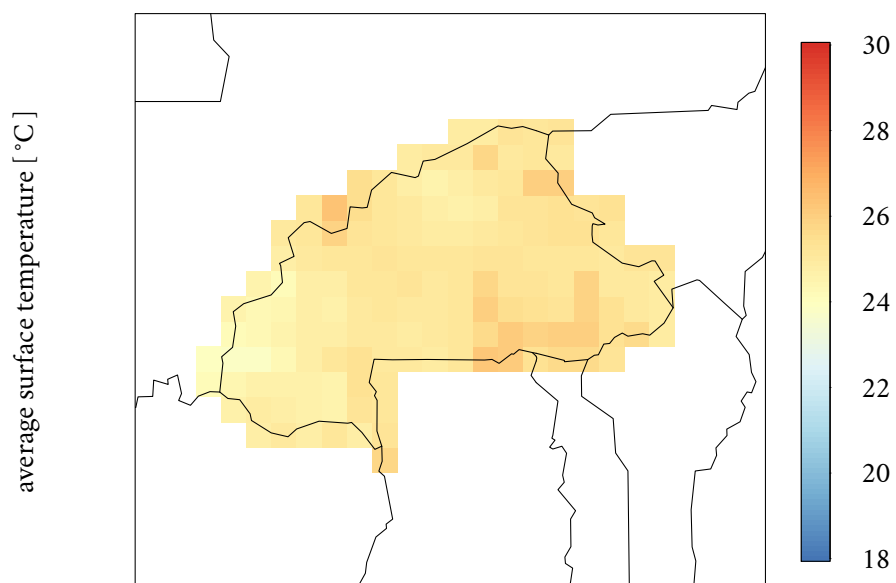


Figure 1139: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

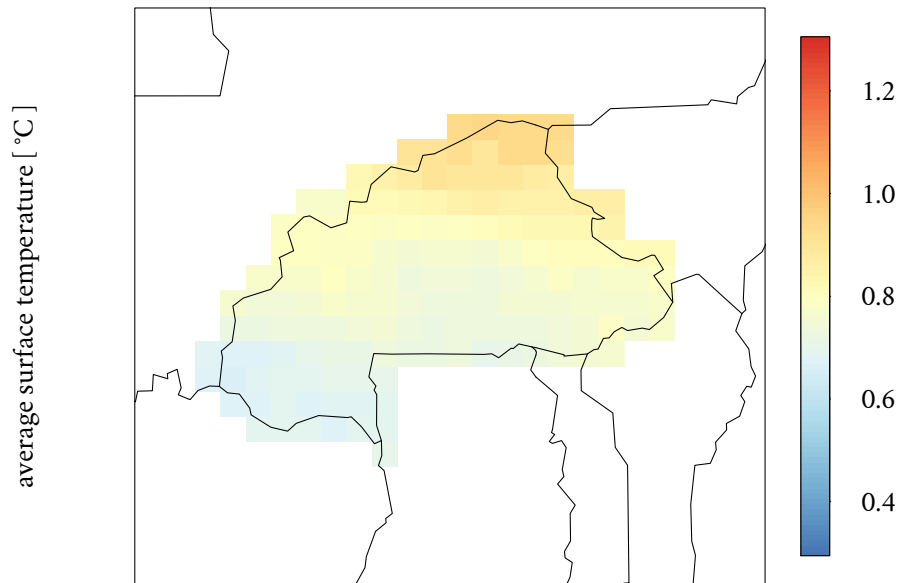
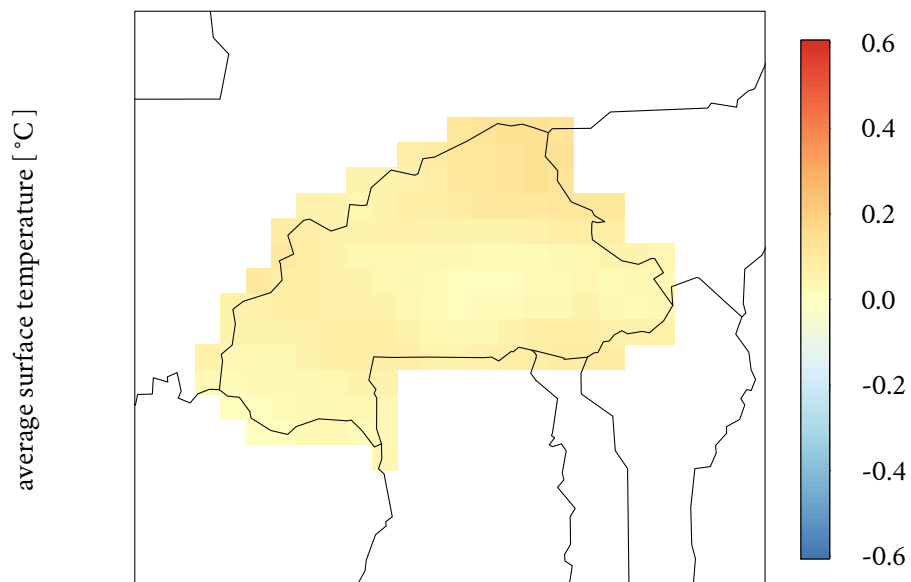


Figure 1140: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.5 GCM ICHEC-EC-EARTH / RCM RACMO22T

Figure 1141: Mean across years, RCP 8.5, 2020 .. 2049

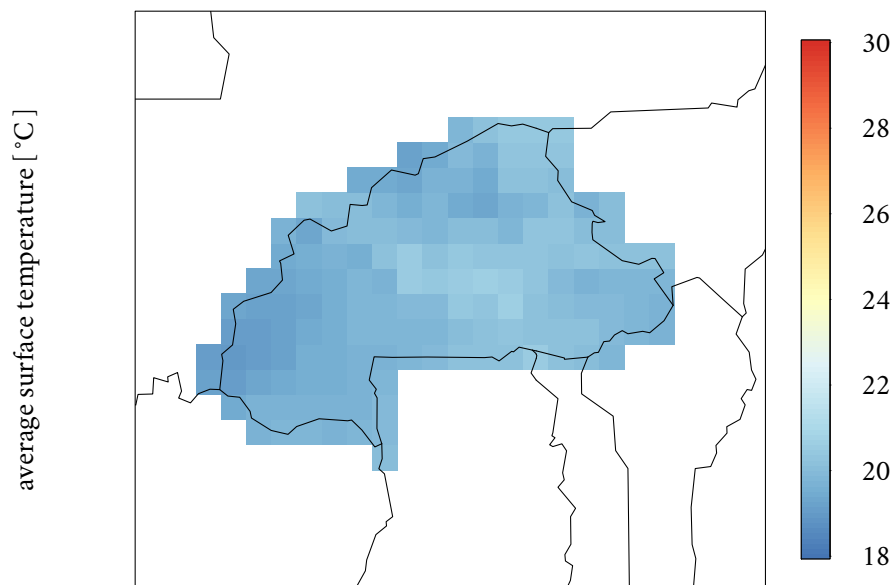


Figure 1142: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

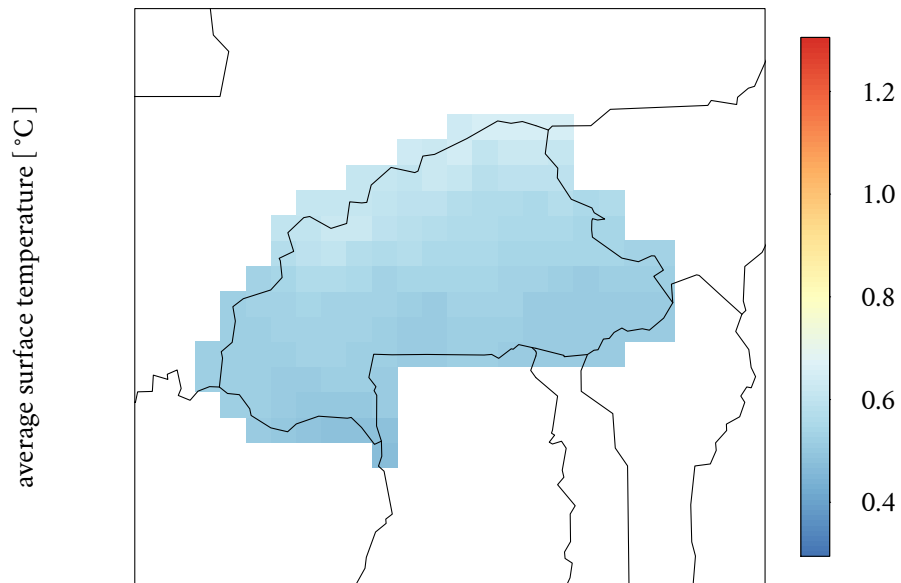


Figure 1143: Mean across years, RCP 8.5, 2060 .. 2089

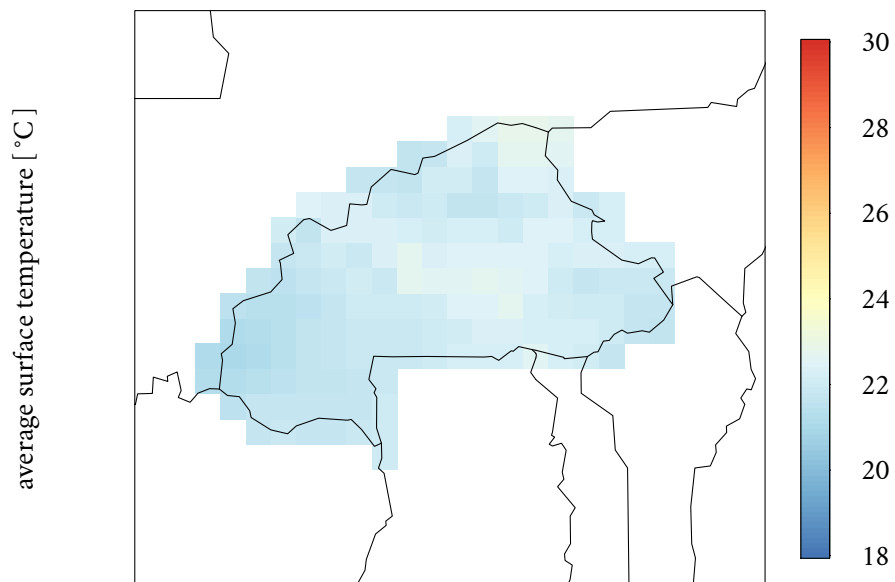


Figure 1144: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

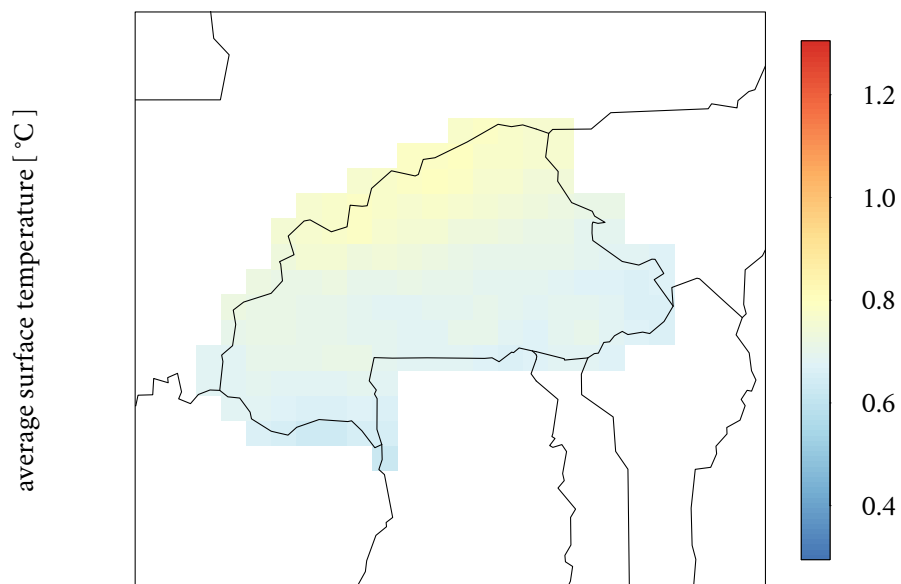
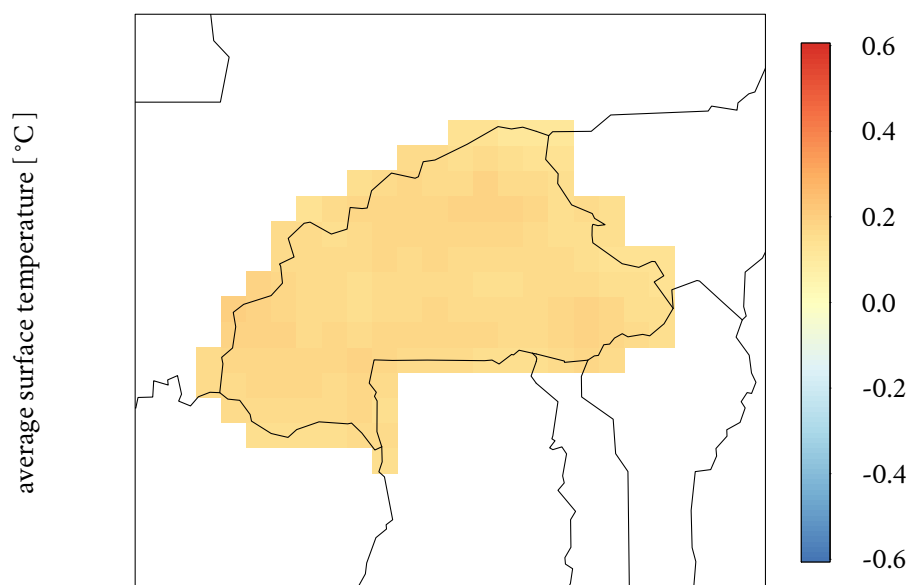


Figure 1145: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.6 GCM ICHEC-EC-EARTH / RCM RCA4

Figure 1146: Mean across years, RCP 8.5, 2020 .. 2049

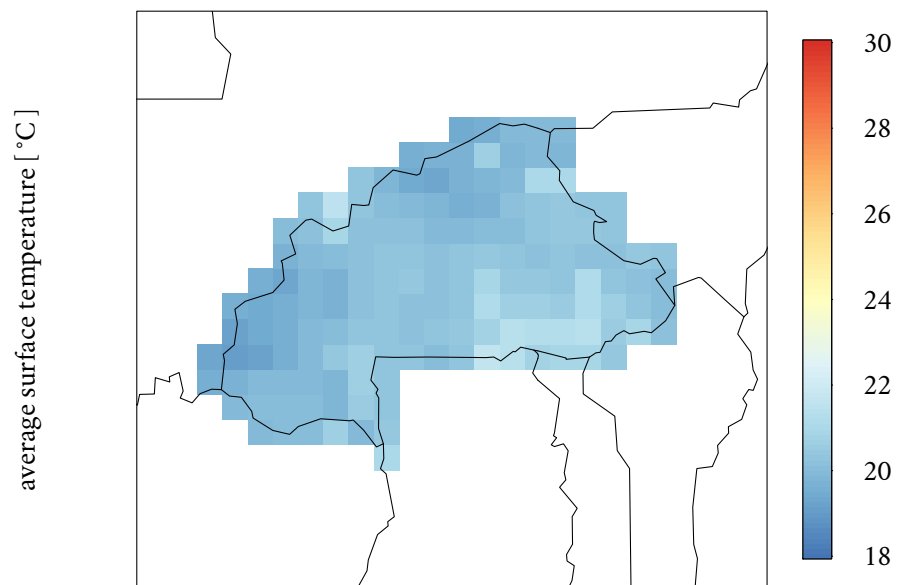


Figure 1147: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

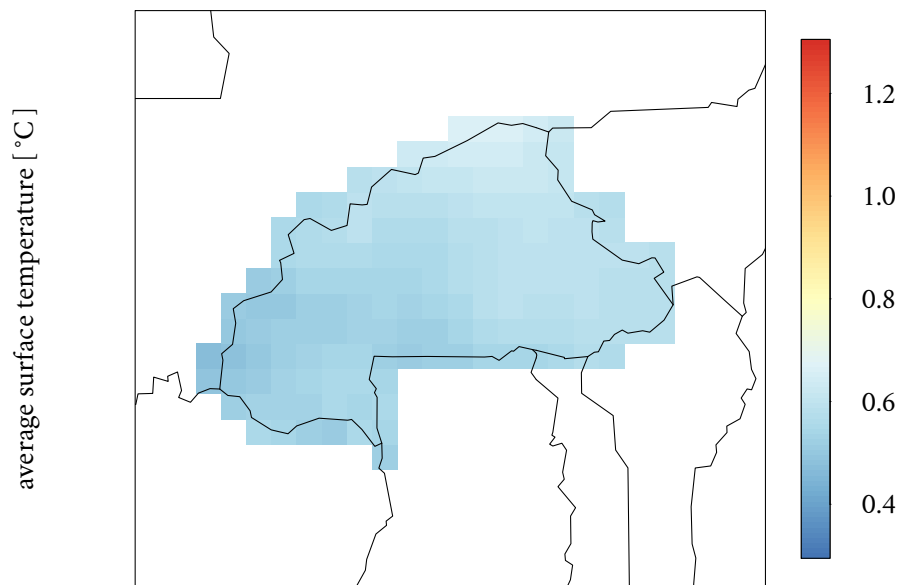


Figure 1148: Mean across years, RCP 8.5, 2060 .. 2089

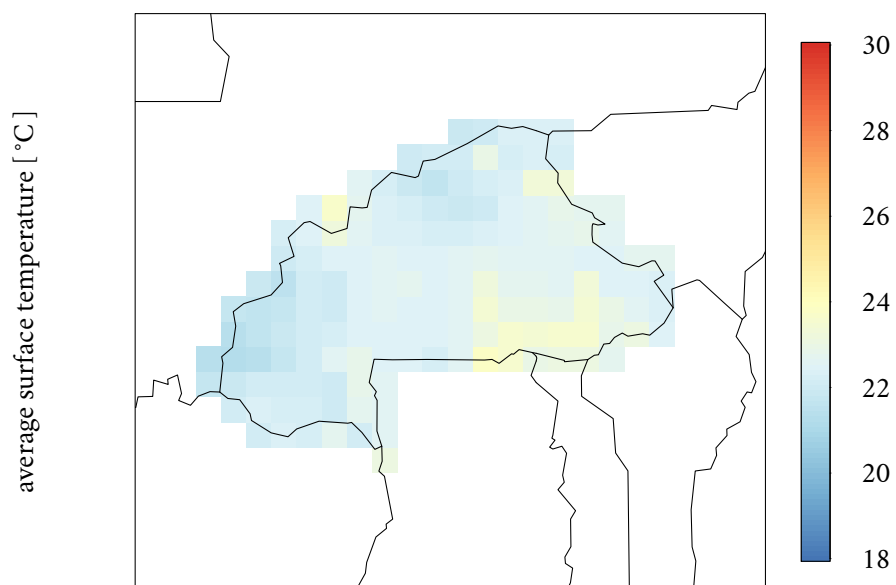


Figure 1149: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

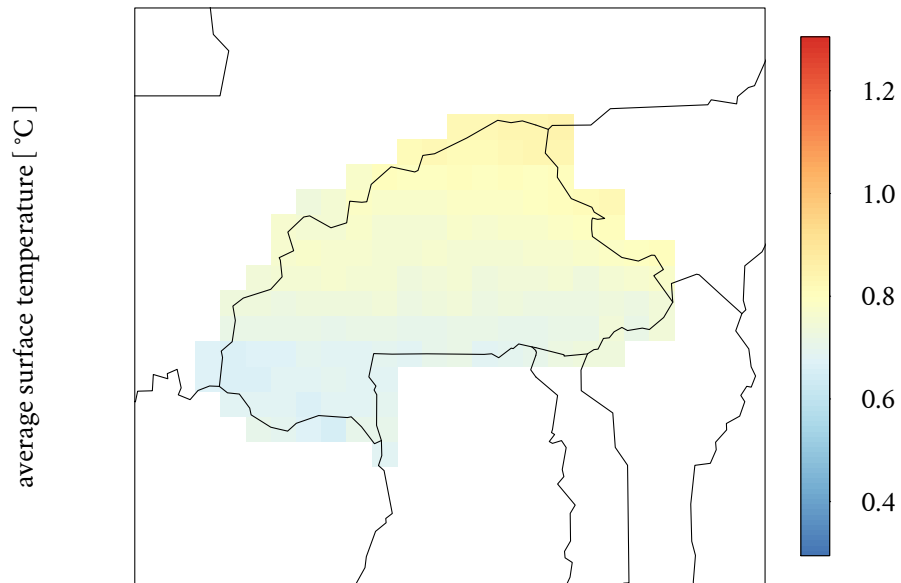
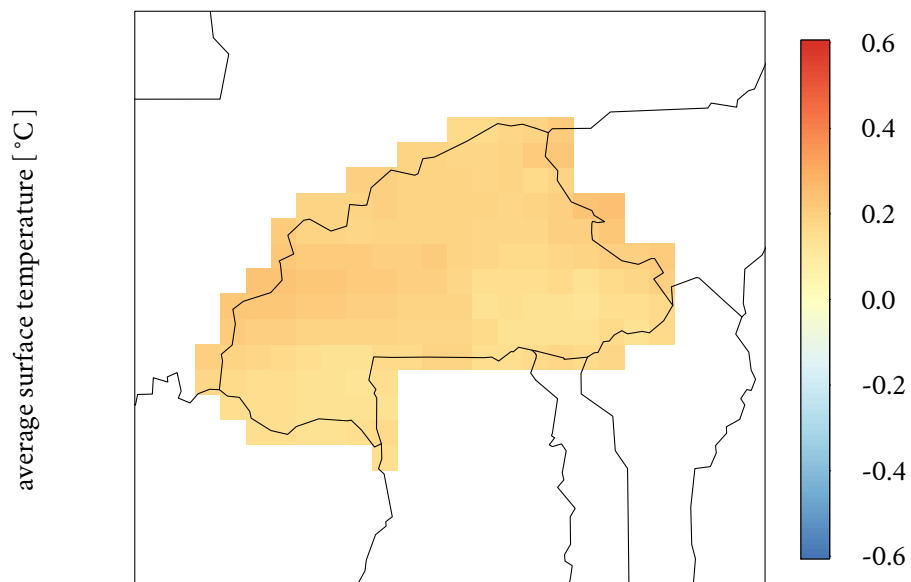


Figure 1150: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.7 GCM IPSL-CM5A-LR / RCM REMO2009

Figure 1151: Mean across years, RCP 8.5, 2020 .. 2049

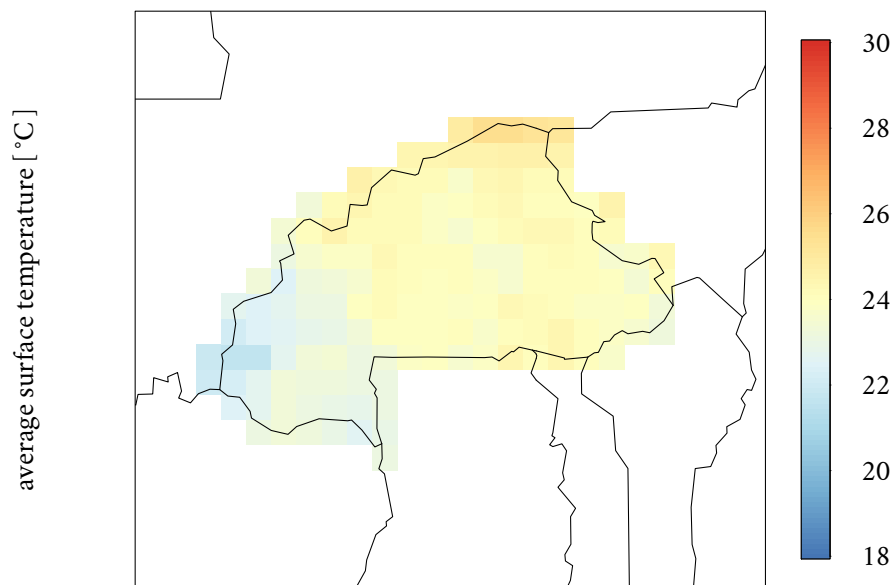


Figure 1152: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

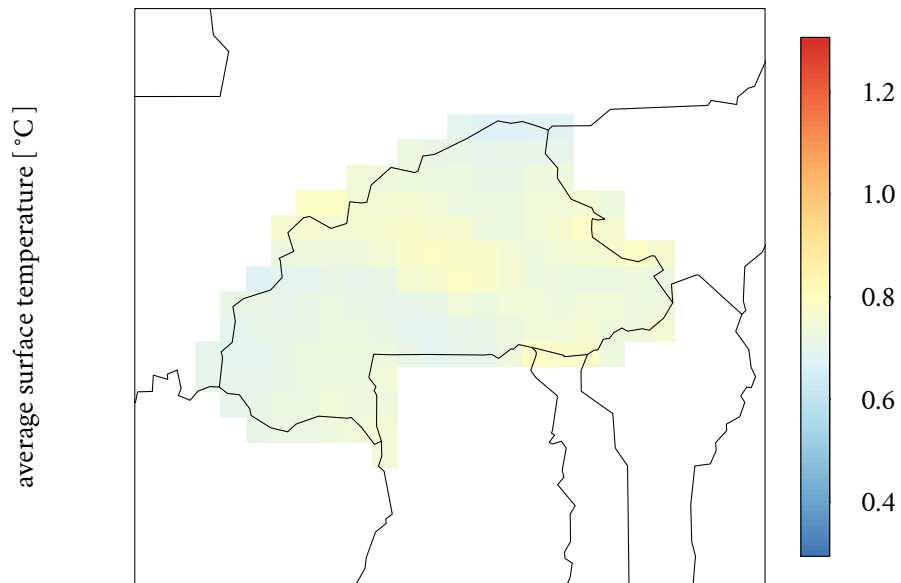


Figure 1153: Mean across years, RCP 8.5, 2060 .. 2089

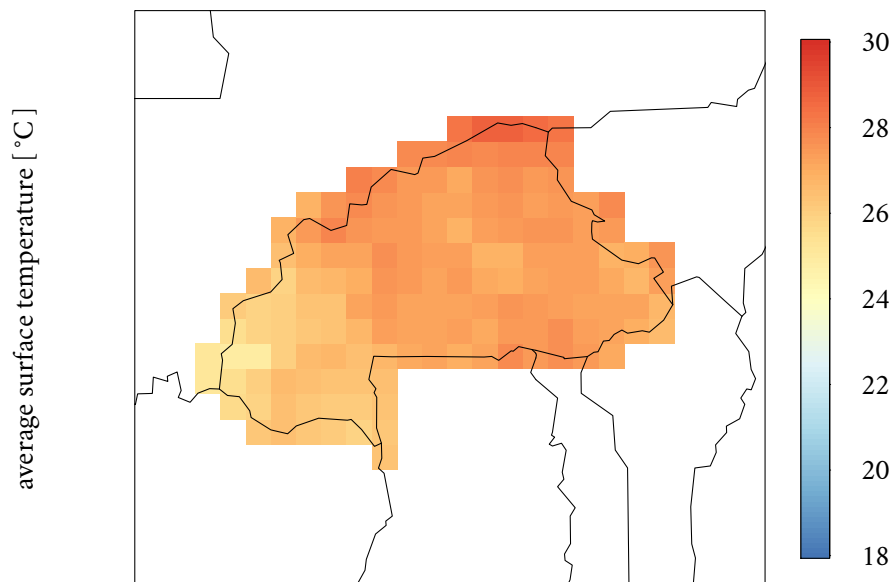


Figure 1154: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

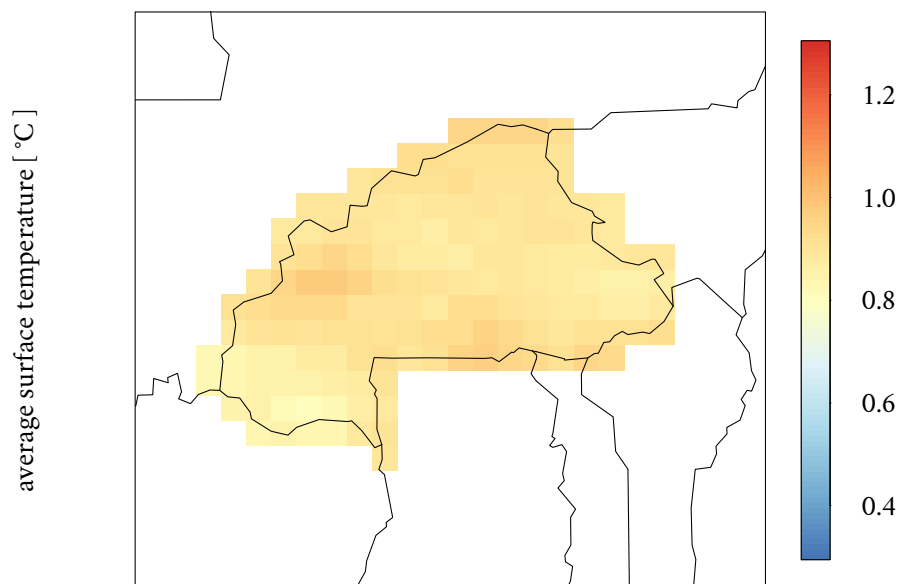
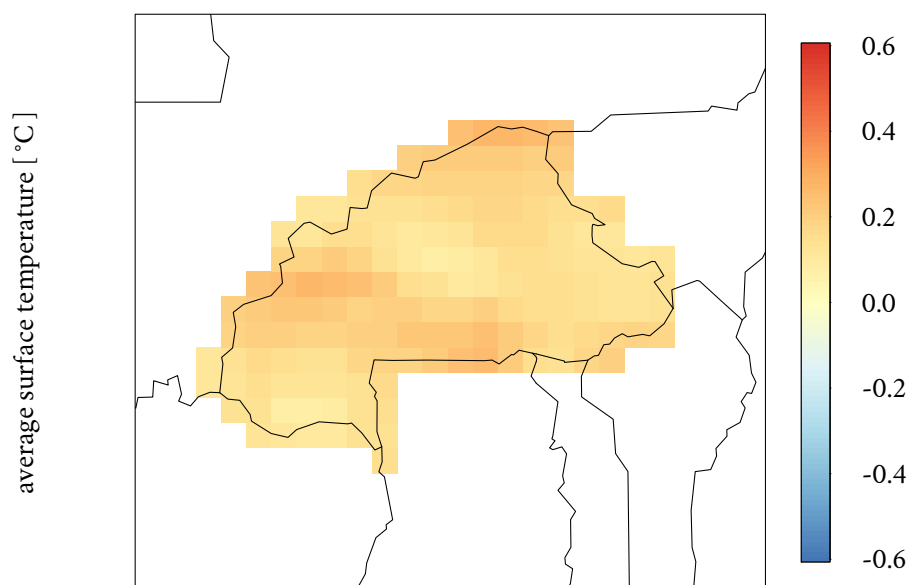


Figure 1155: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.8 GCM IPSL-IPSL-CM5A-MR / RCM RCA4

Figure 1156: Mean across years, RCP 8.5, 2020 .. 2049

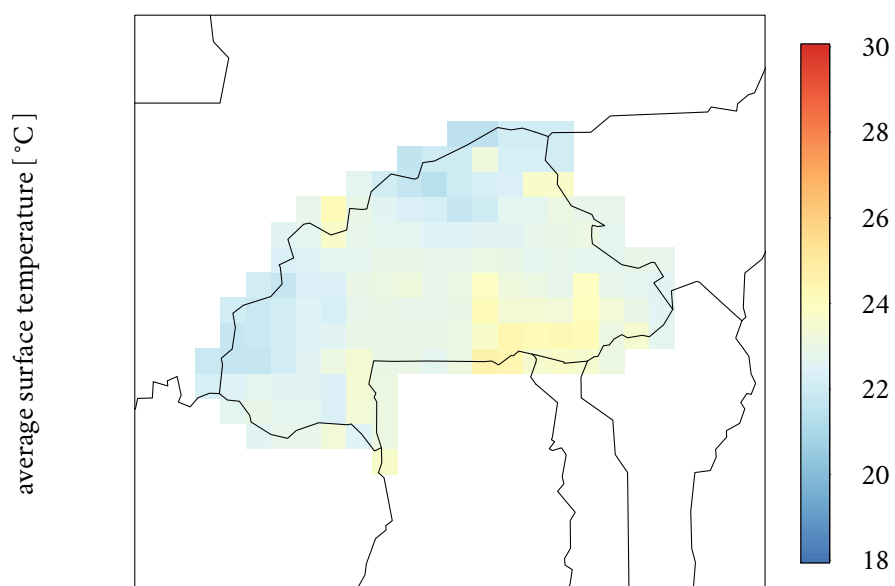


Figure 1157: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

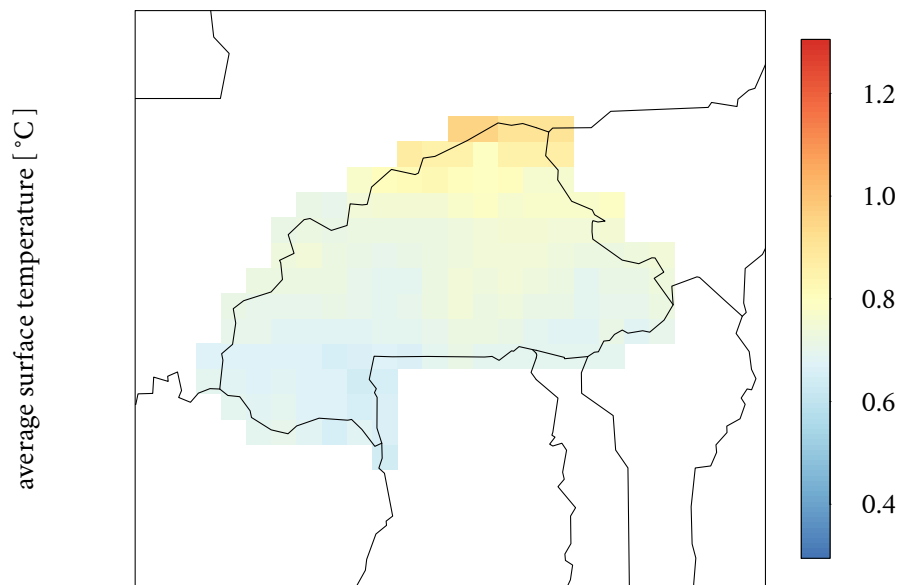


Figure 1158: Mean across years, RCP 8.5, 2060 .. 2089

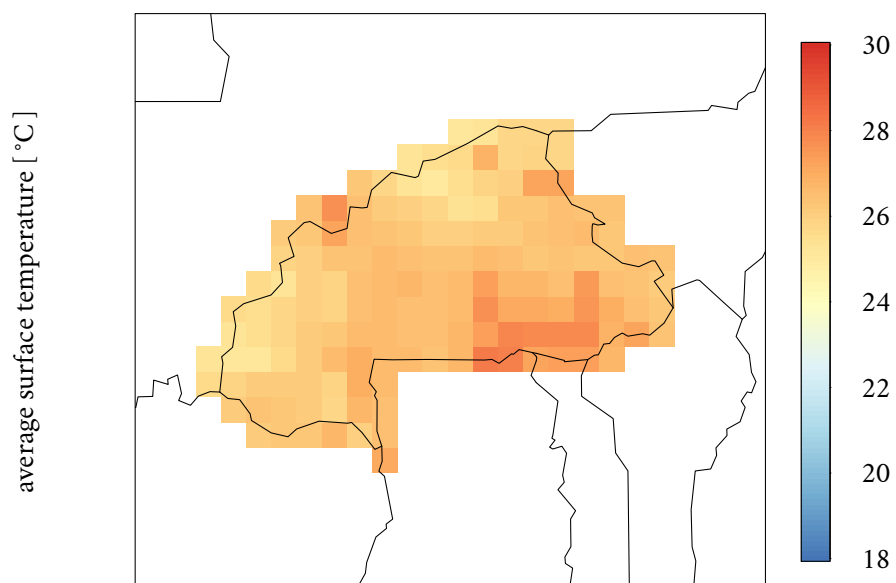


Figure 1159: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

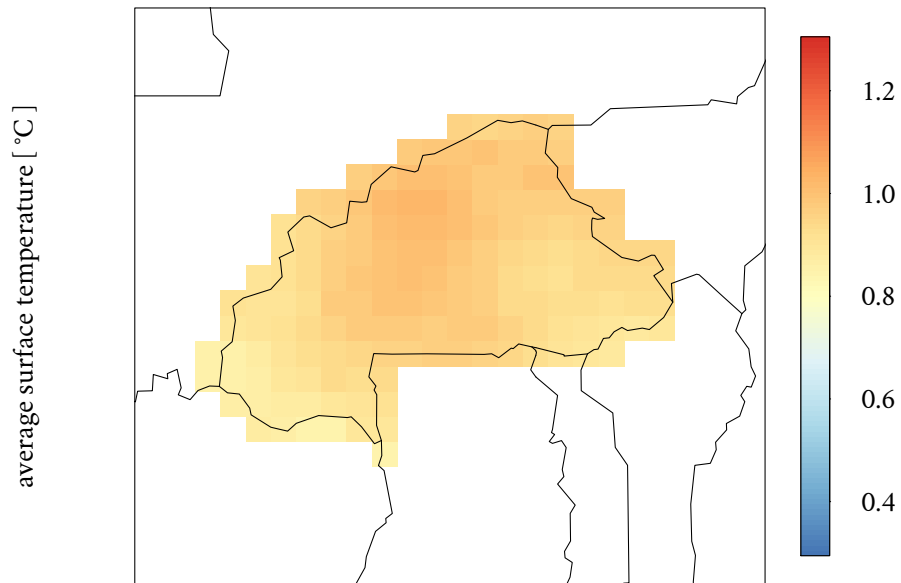
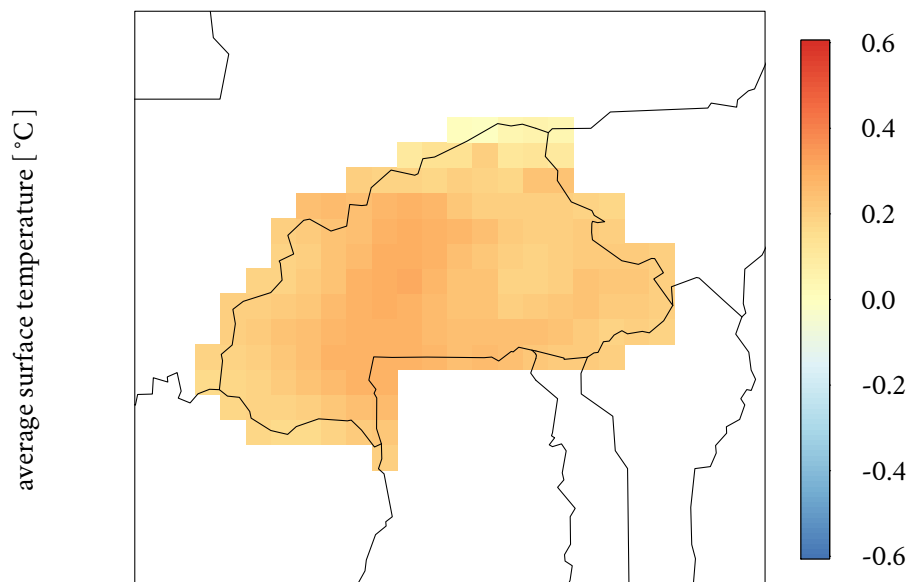


Figure 1160: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.9 GCM MIROC-MIROC5 / RCM RCA4

Figure 1161: Mean across years, RCP 8.5, 2020 .. 2049

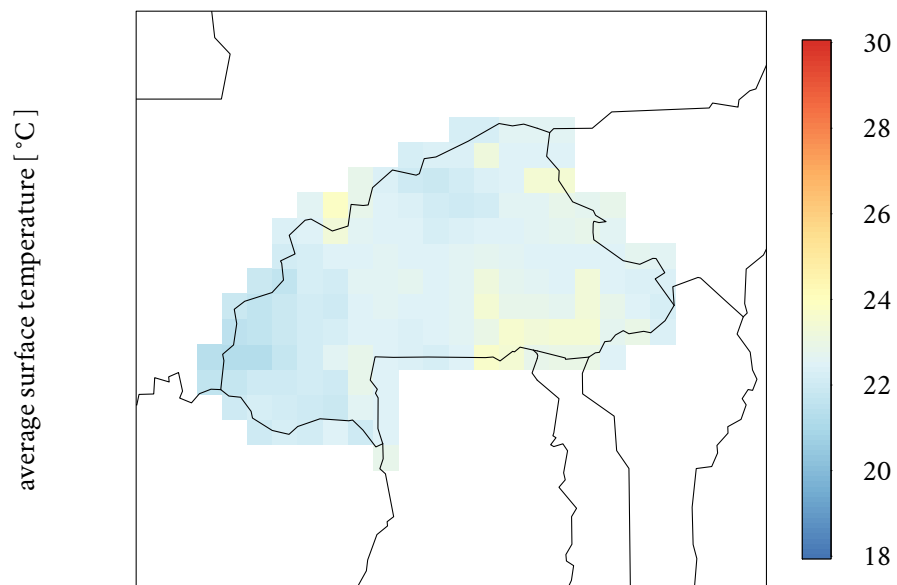


Figure 1162: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

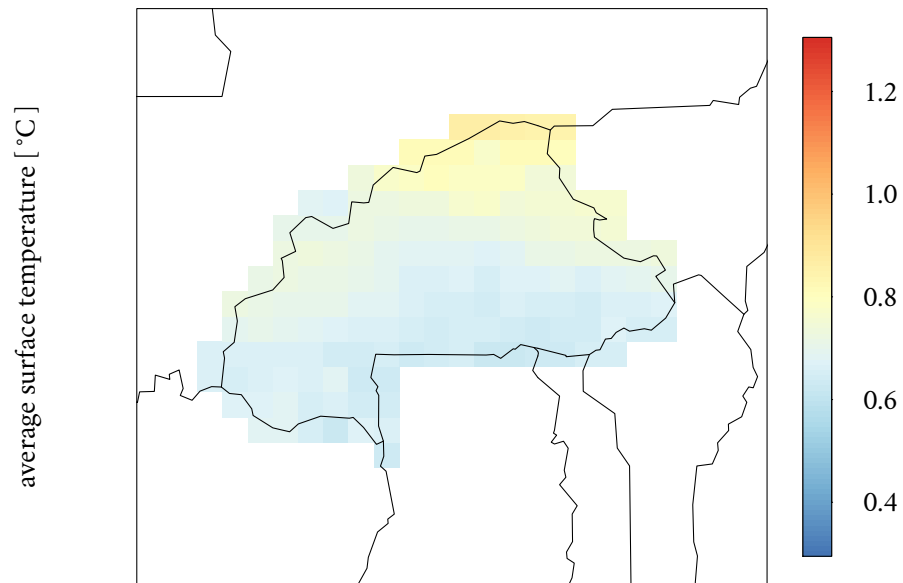


Figure 1163: Mean across years, RCP 8.5, 2060 .. 2089

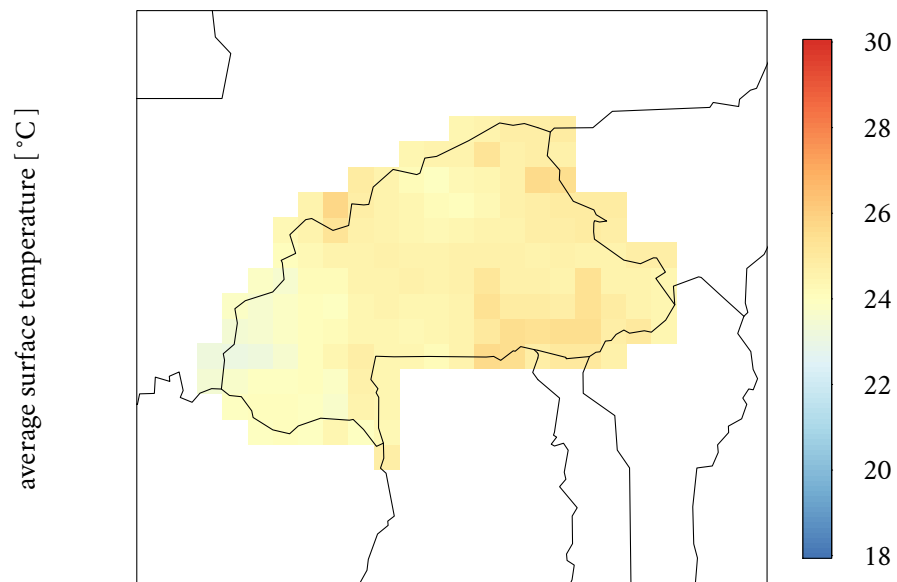


Figure 1164: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

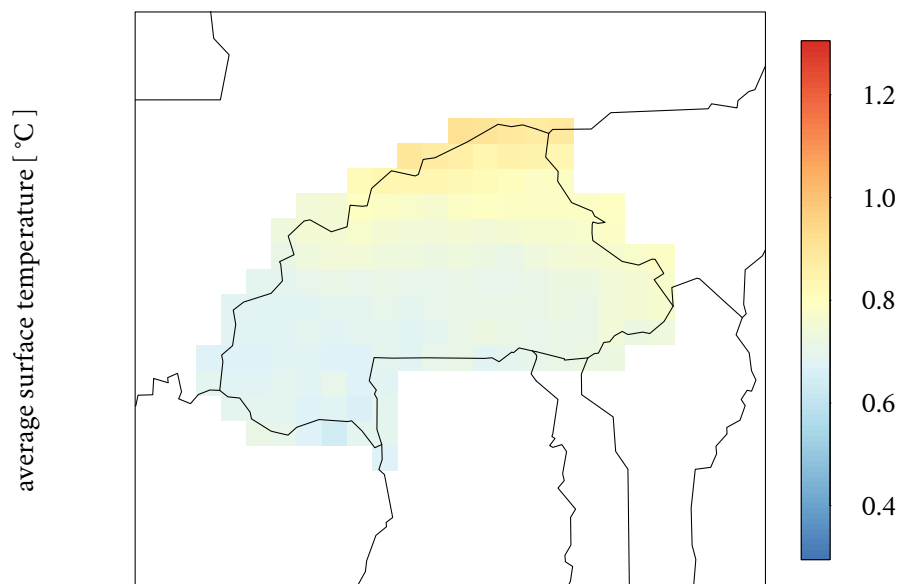
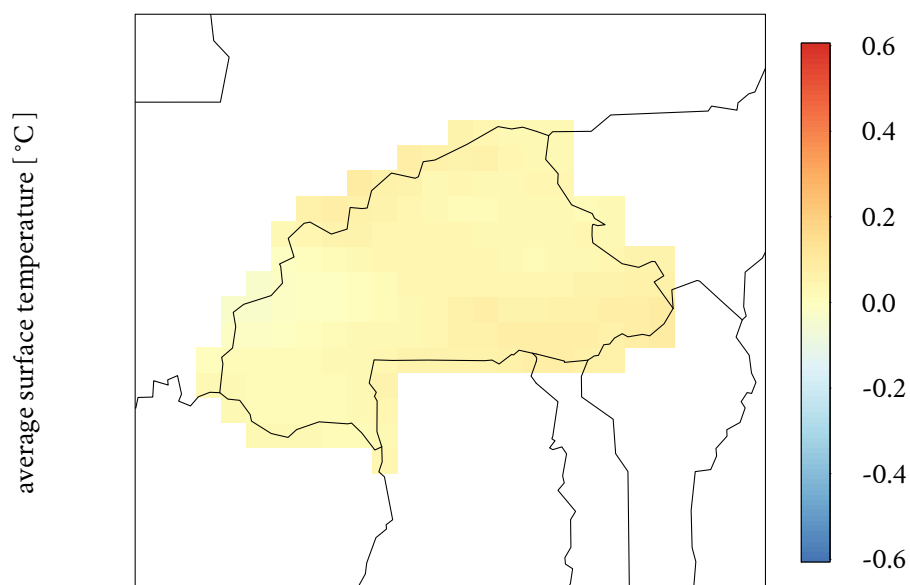


Figure 1165: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.10 GCM MIROC-MIROC5 / RCM REMO2009

Figure 1166: Mean across years, RCP 8.5, 2020 .. 2049

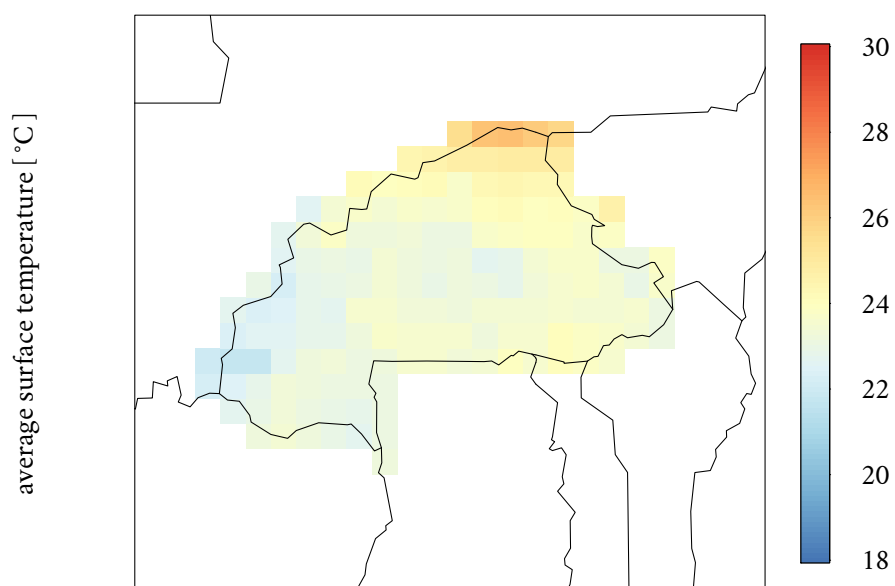


Figure 1167: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

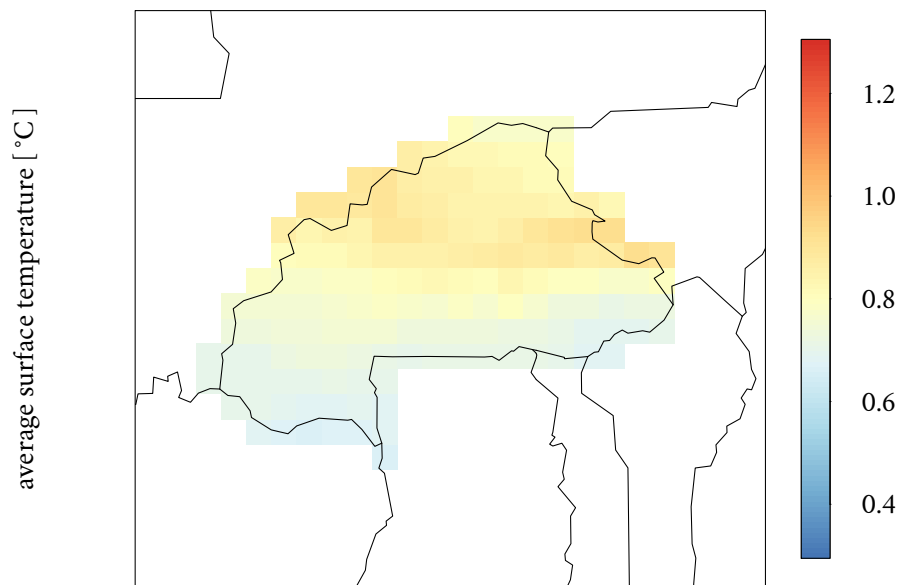


Figure 1168: Mean across years, RCP 8.5, 2060 .. 2089

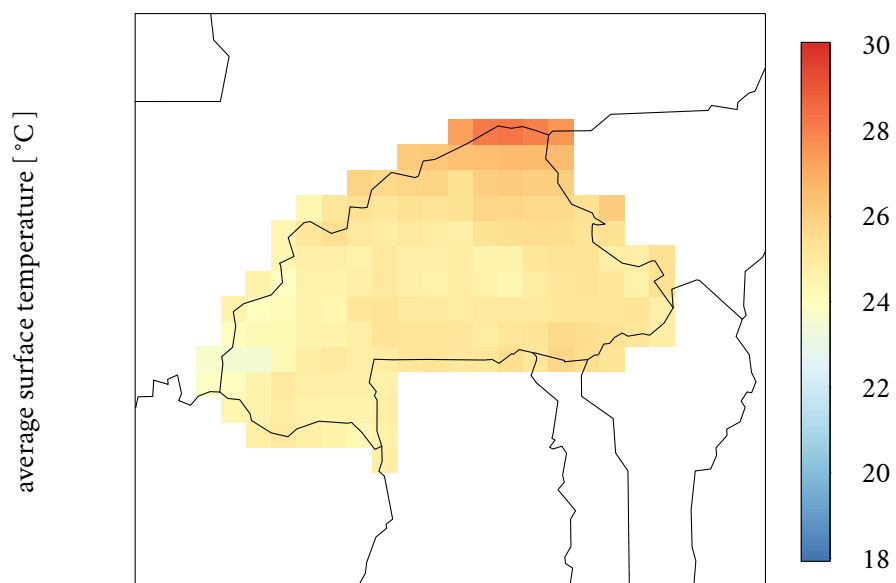


Figure 1169: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

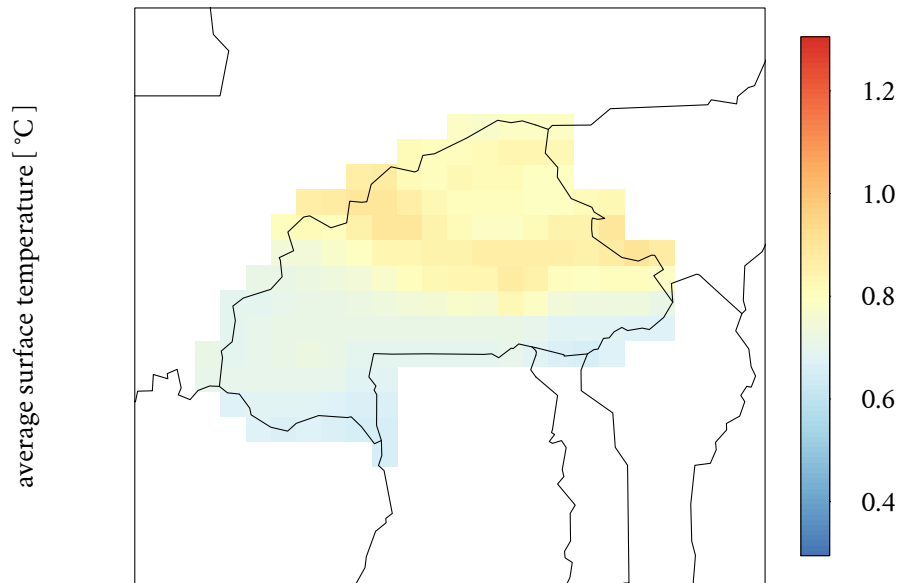
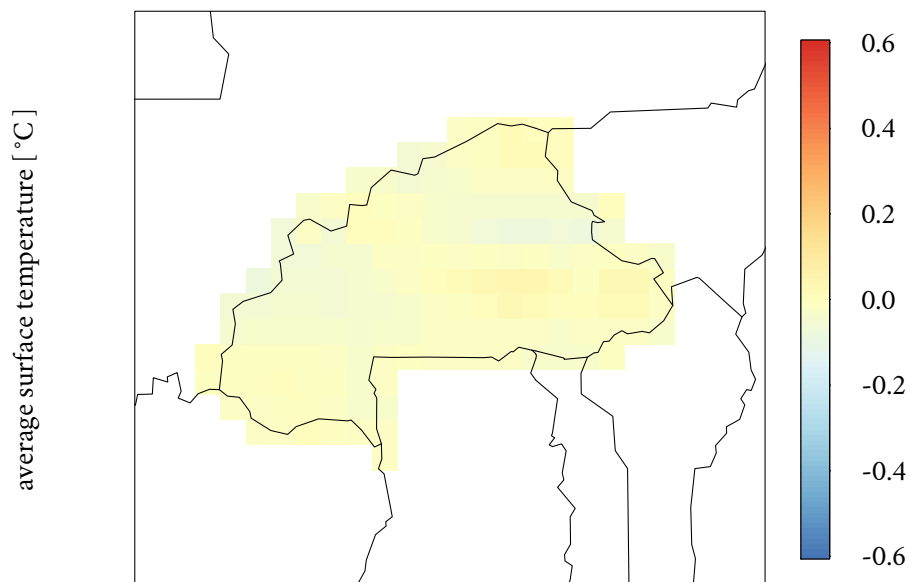


Figure 1170: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.11 GCM MOHC-HadGEM2-ES / RCM CCLM4-8-17

Figure 1171: Mean across years, RCP 8.5, 2020 .. 2049

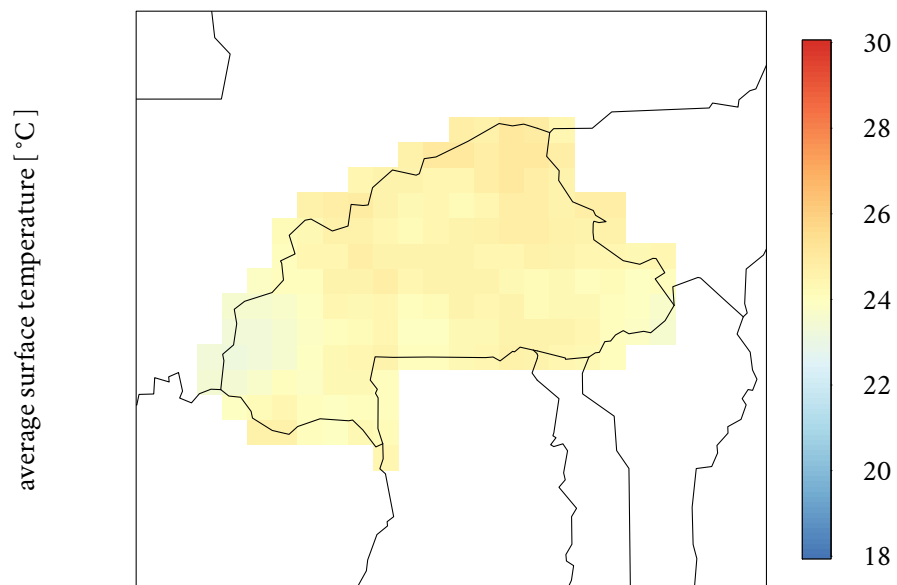


Figure 1172: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

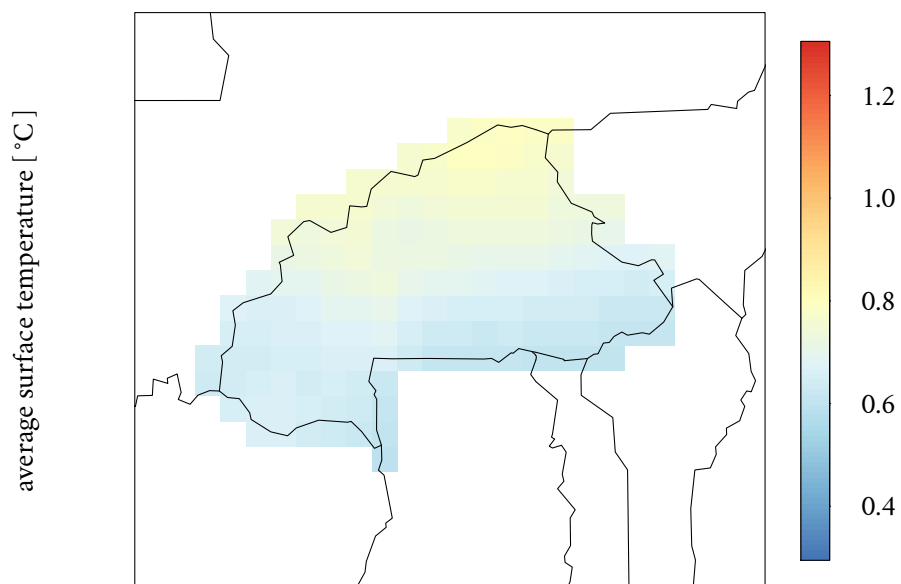


Figure 1173: Mean across years, RCP 8.5, 2060 .. 2089

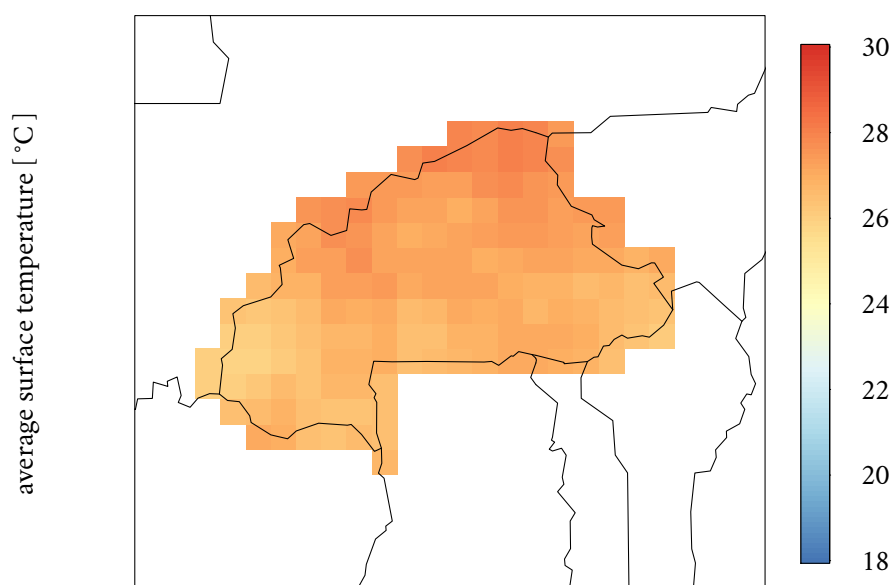


Figure 1174: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

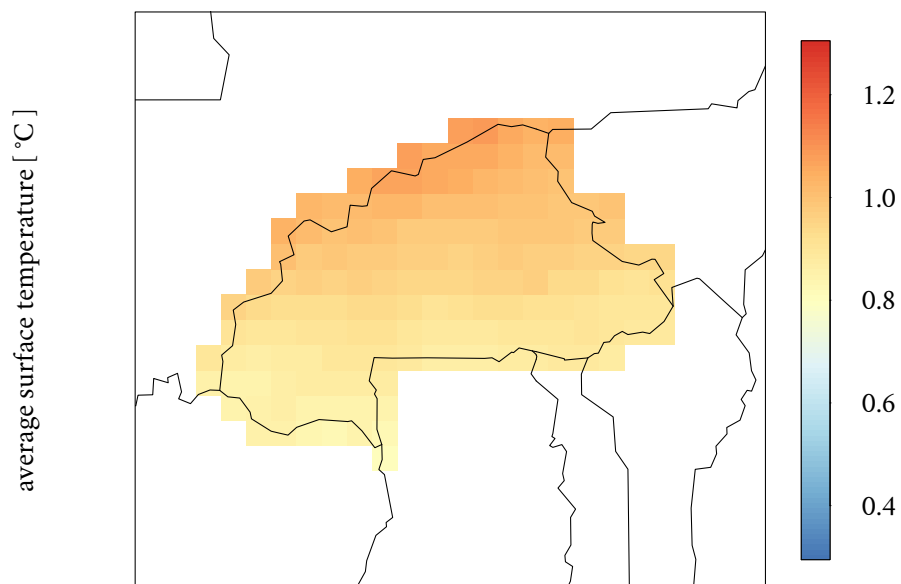
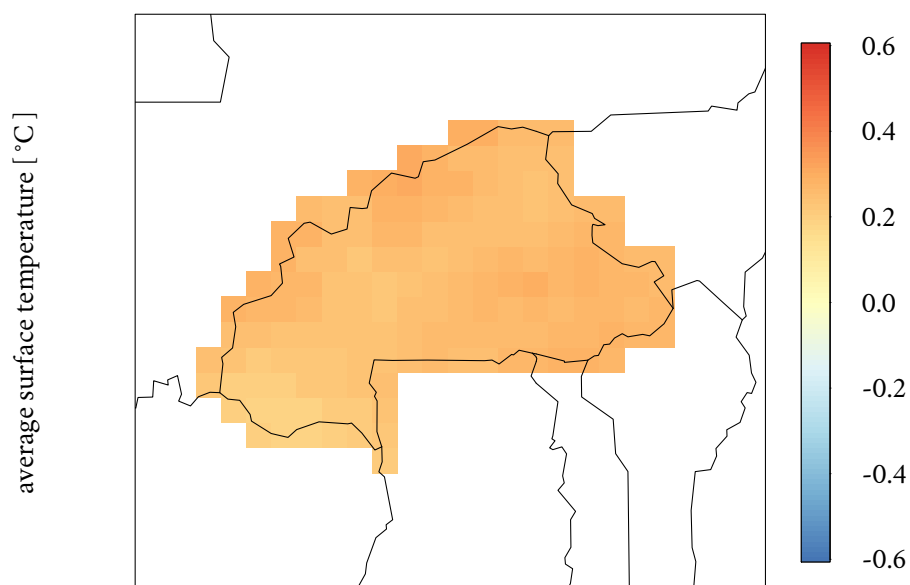


Figure 1175: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.12 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 1176: Mean across years, RCP 8.5, 2020 .. 2049

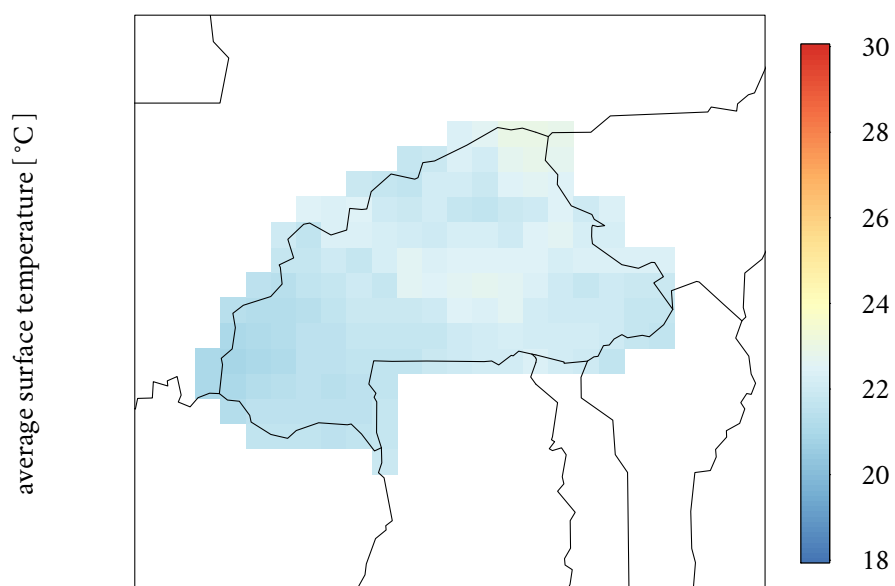


Figure 1177: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

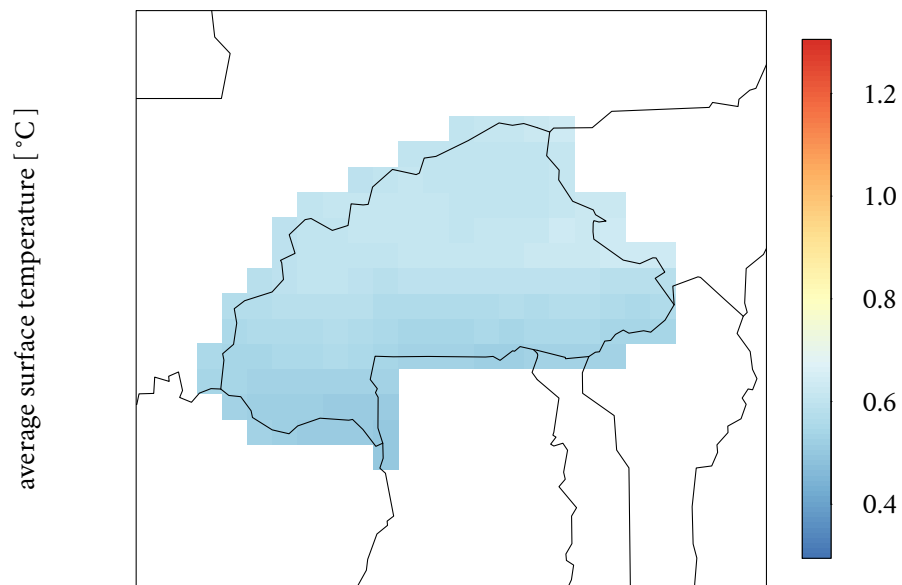


Figure 1178: Mean across years, RCP 8.5, 2060 .. 2089

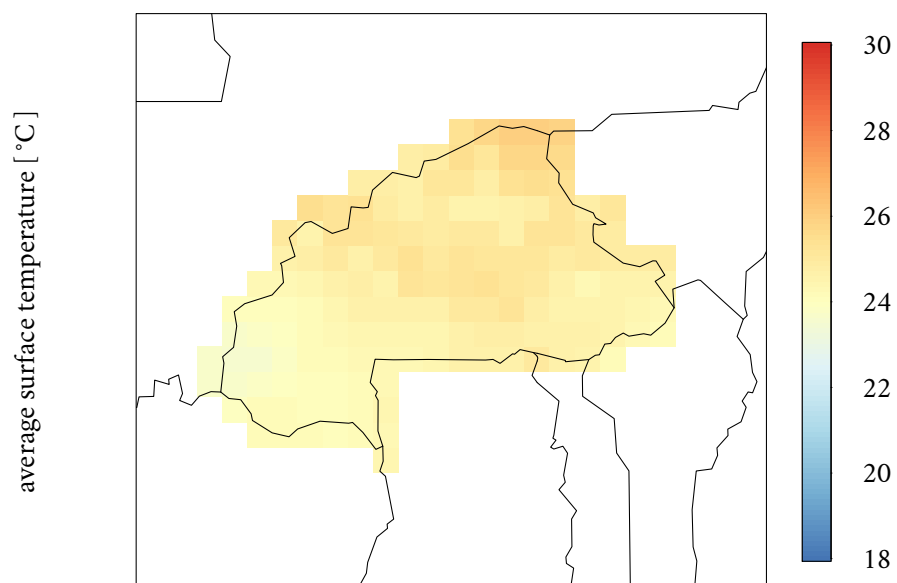


Figure 1179: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

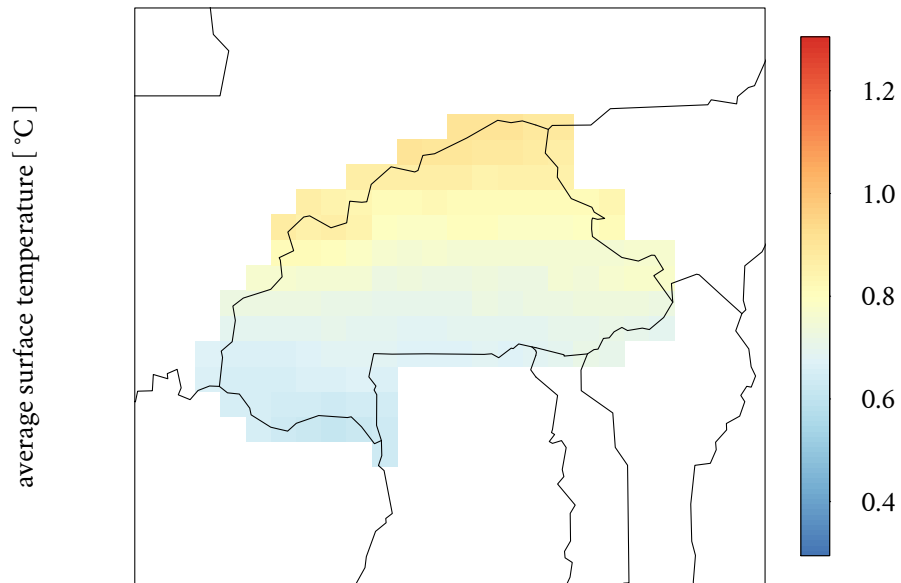
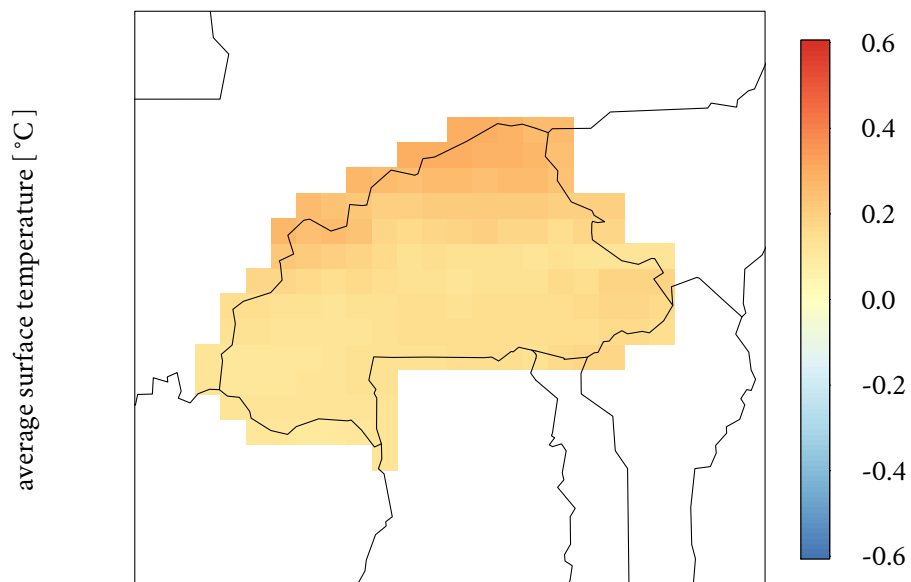


Figure 1180: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.13 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 1181: Mean across years, RCP 8.5, 2020 .. 2049

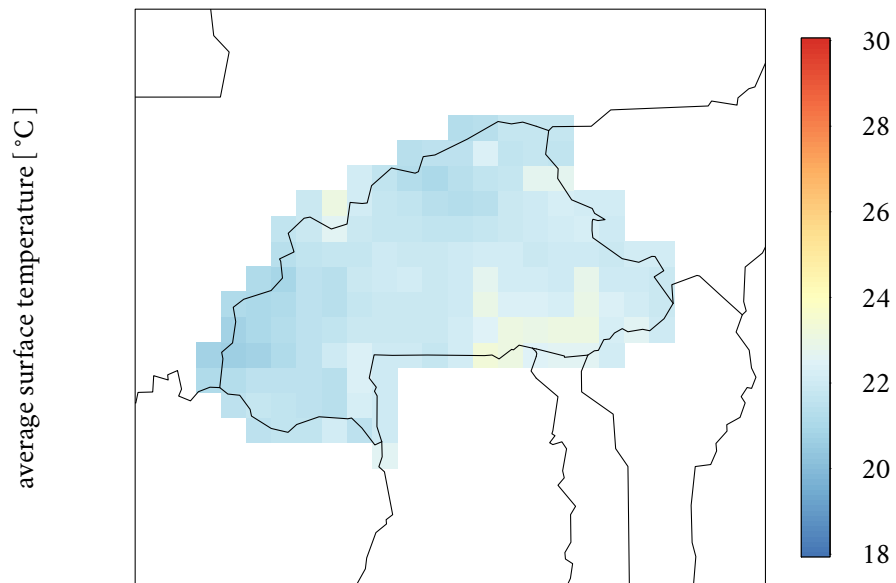


Figure 1182: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

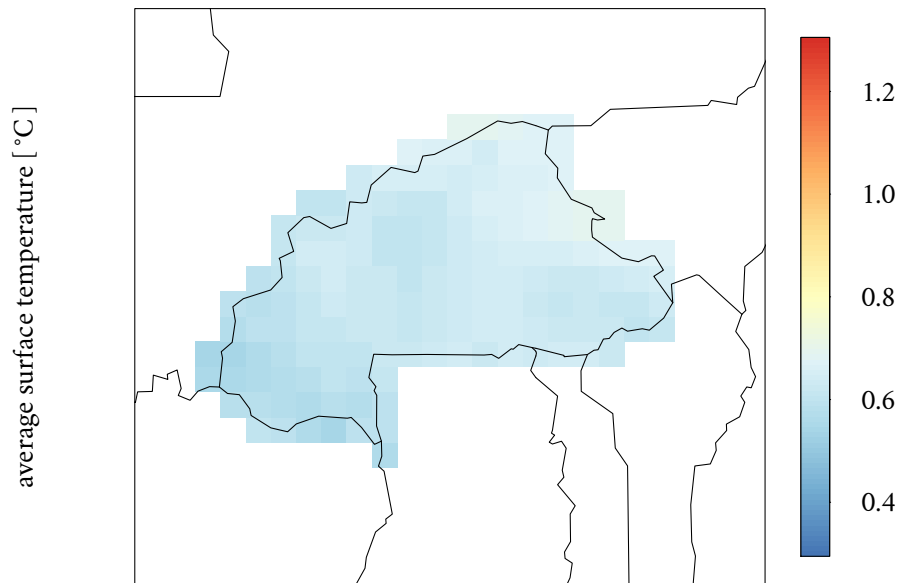


Figure 1183: Mean across years, RCP 8.5, 2060 .. 2089

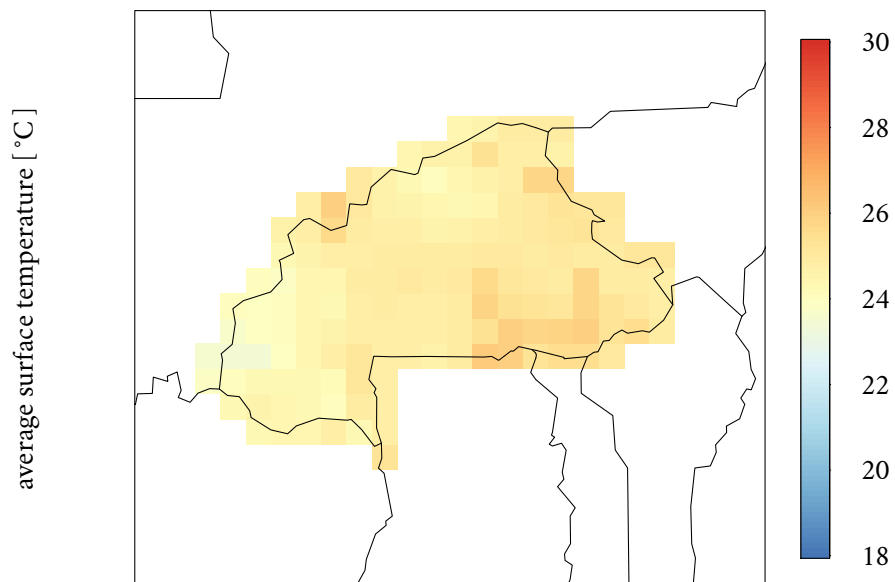


Figure 1184: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

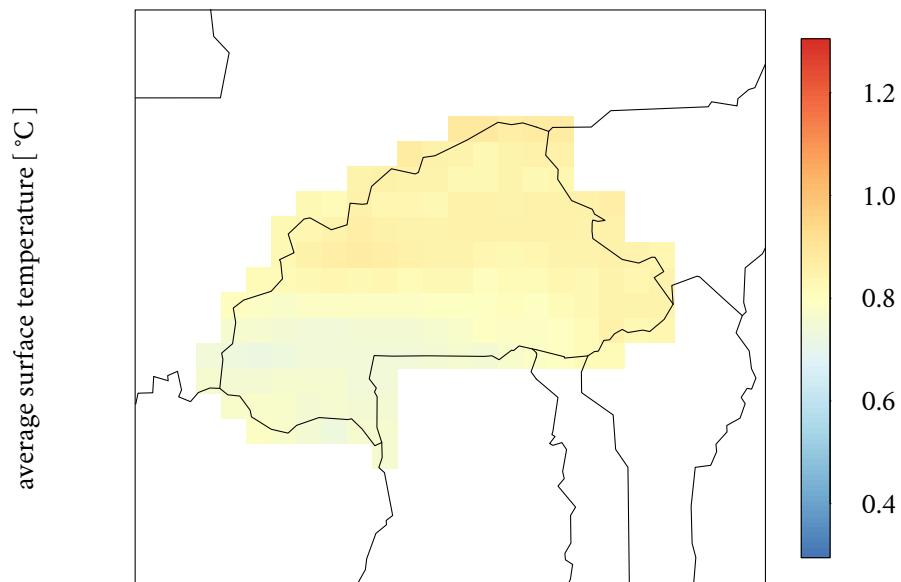
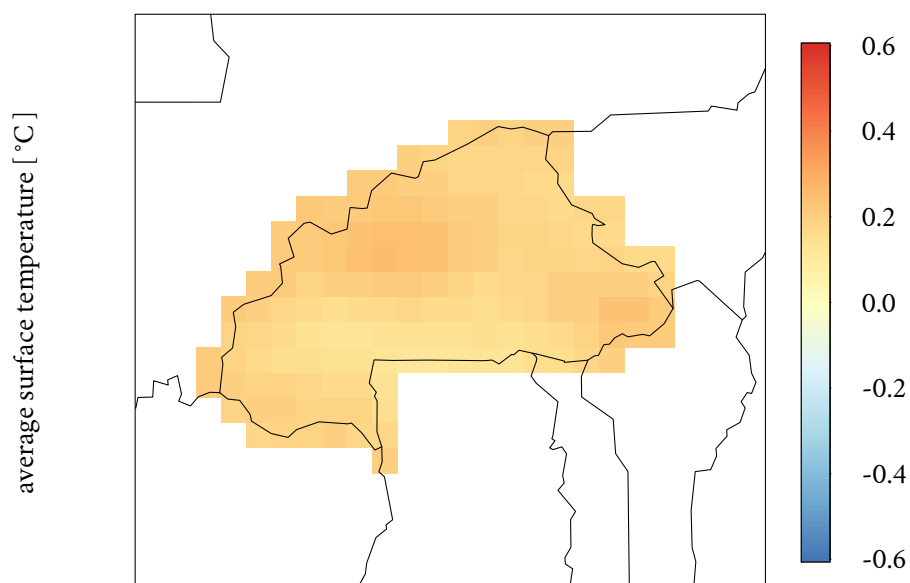


Figure 1185: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.14 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 1186: Mean across years, RCP 8.5, 2020 .. 2049

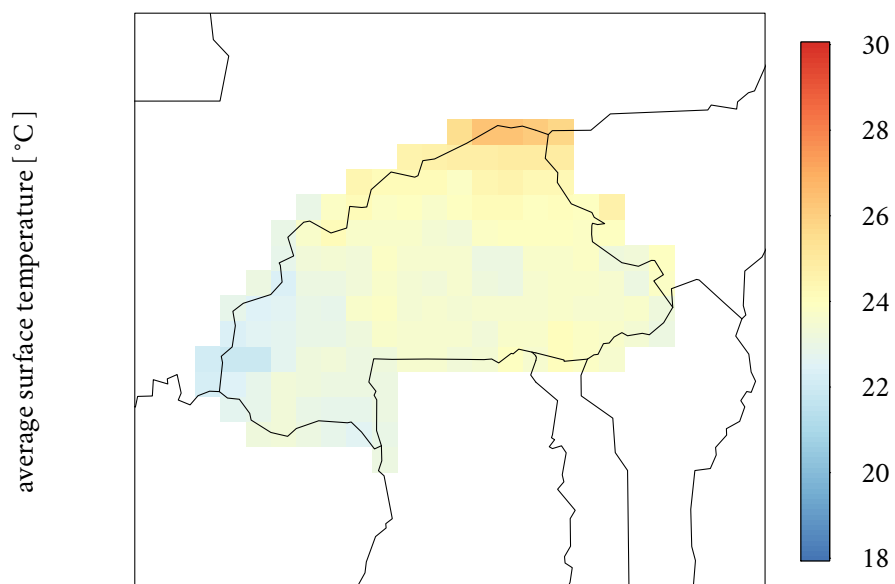


Figure 1187: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

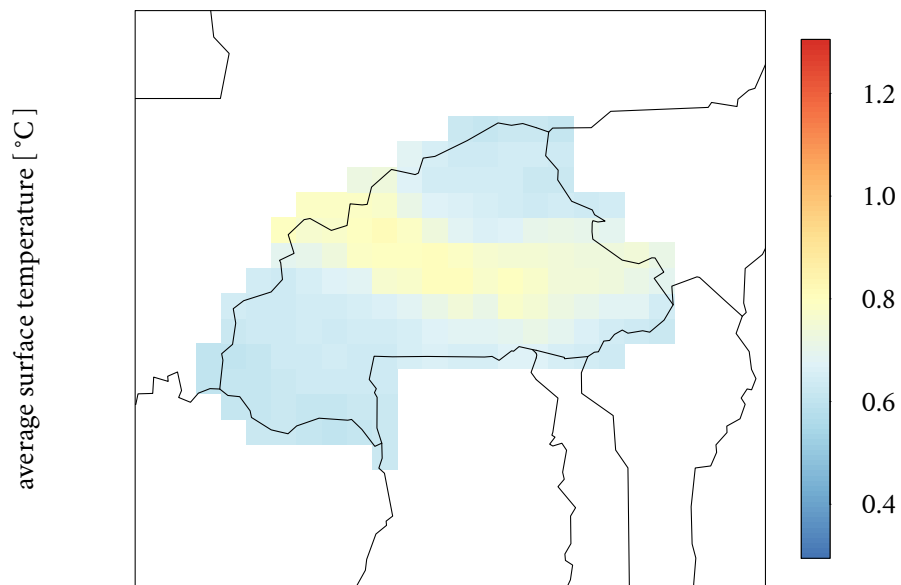


Figure 1188: Mean across years, RCP 8.5, 2060 .. 2089

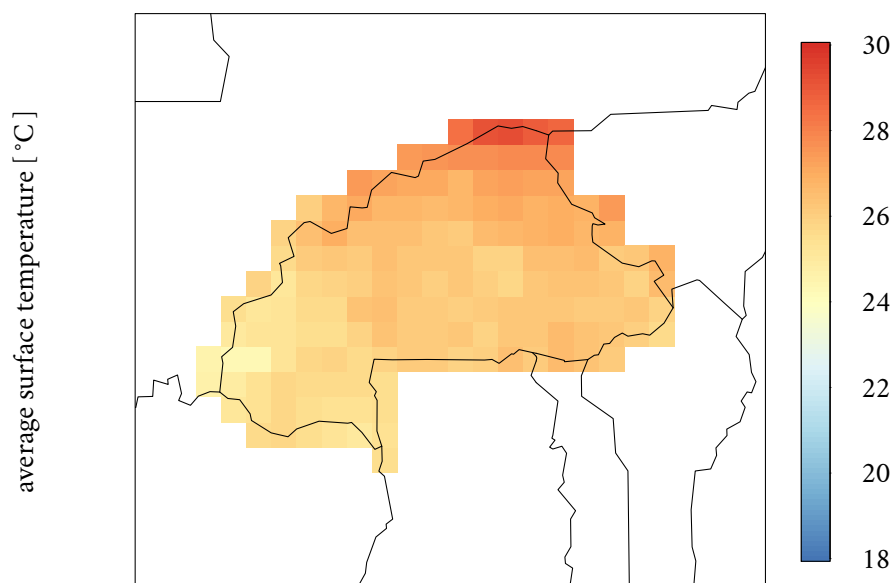


Figure 1189: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

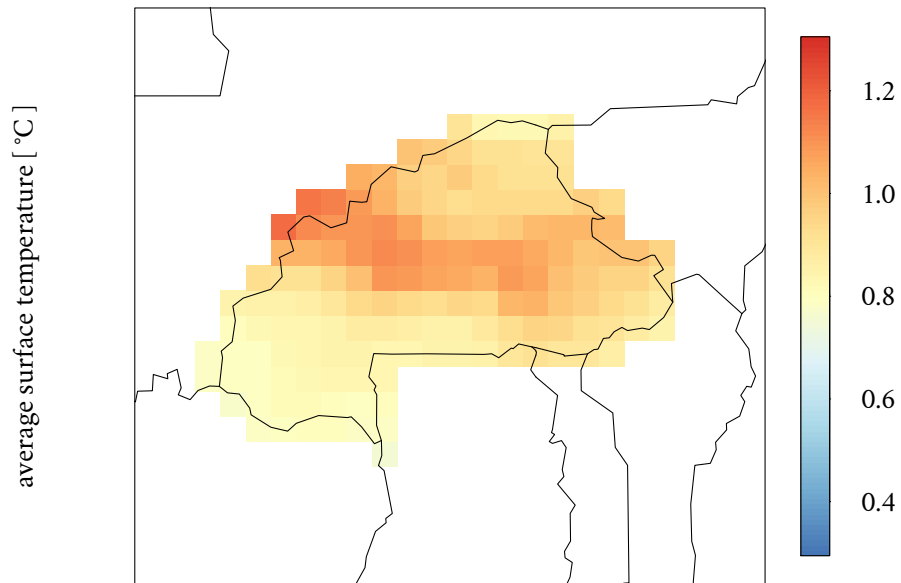
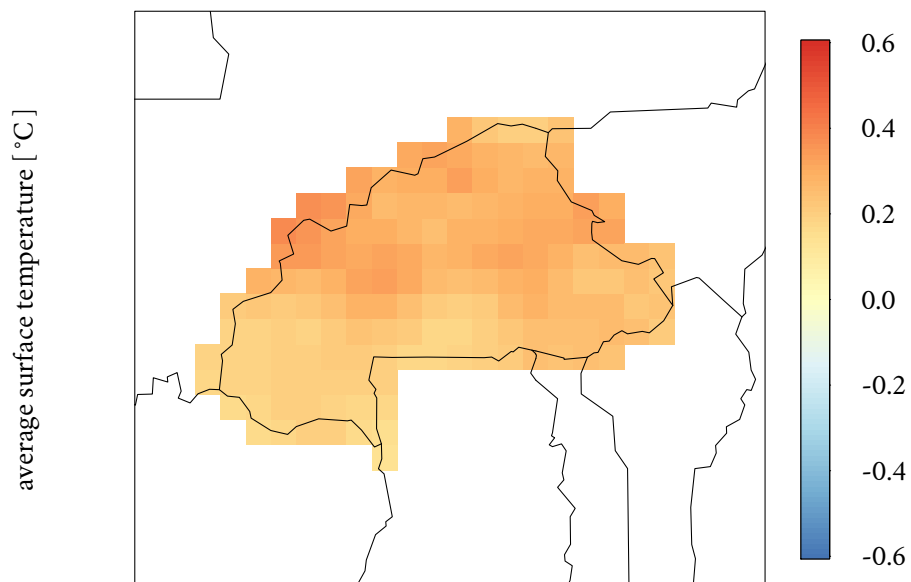


Figure 1190: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.15 GCM MPI-M-MPI-ESM-LR / RCM CCLM4-8-17

Figure 1191: Mean across years, RCP 8.5, 2020 .. 2049

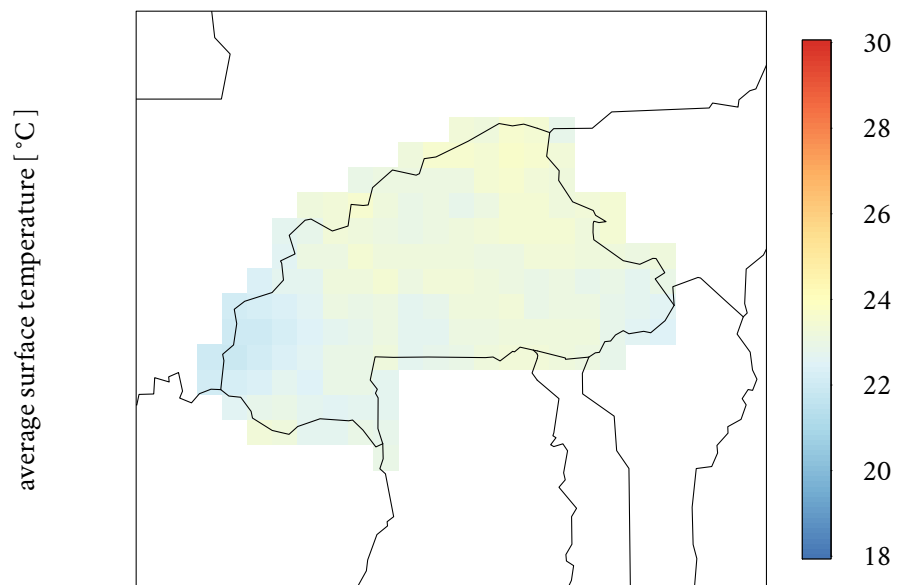


Figure 1192: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

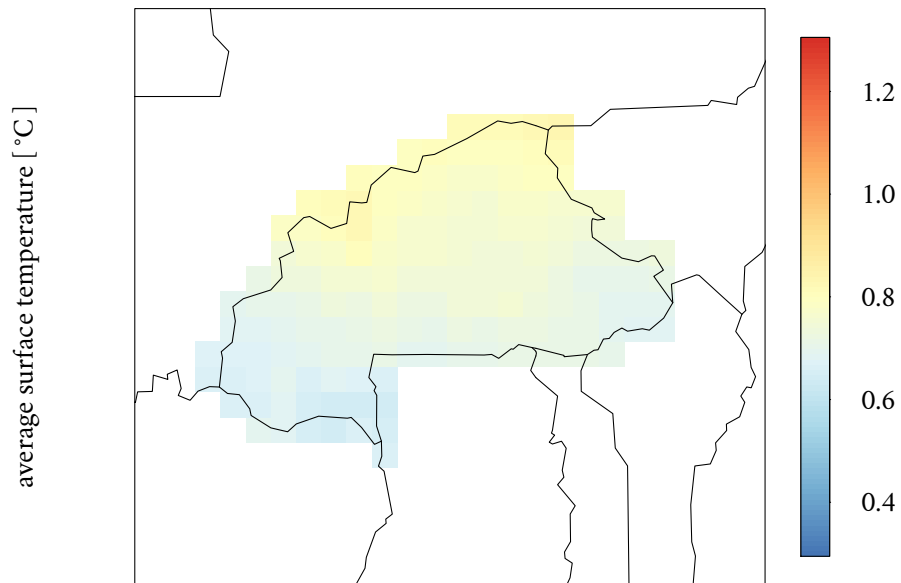


Figure 1193: Mean across years, RCP 8.5, 2060 .. 2089

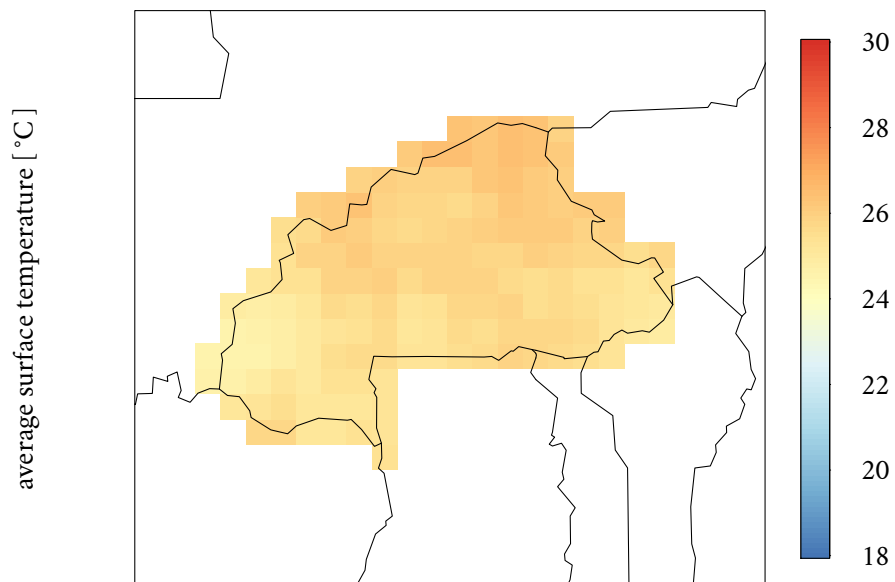


Figure 1194: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

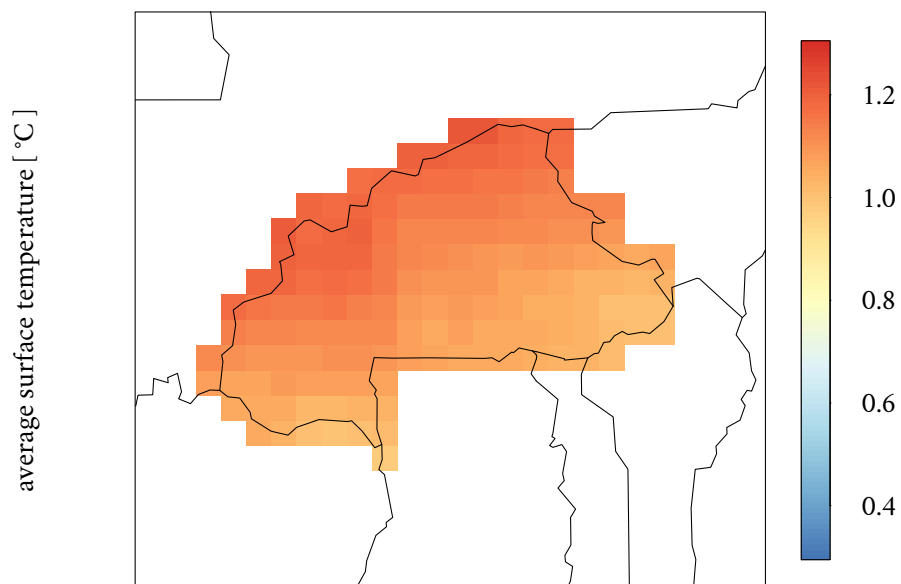
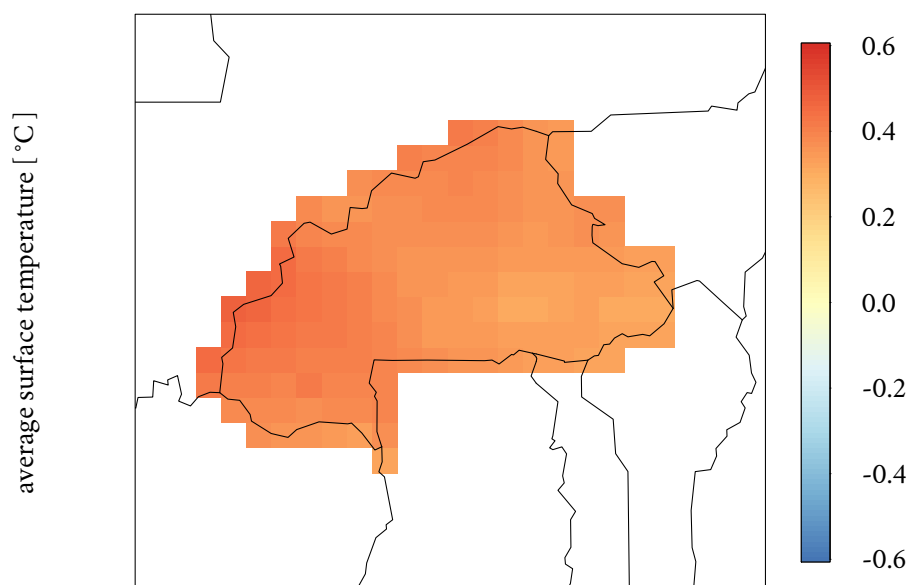


Figure 1195: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.16 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 1196: Mean across years, RCP 8.5, 2020 .. 2049

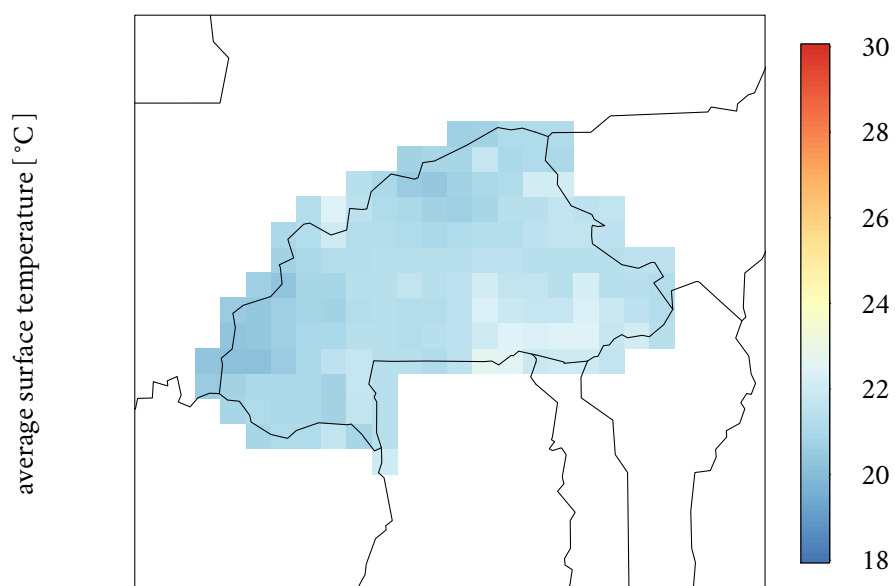


Figure 1197: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

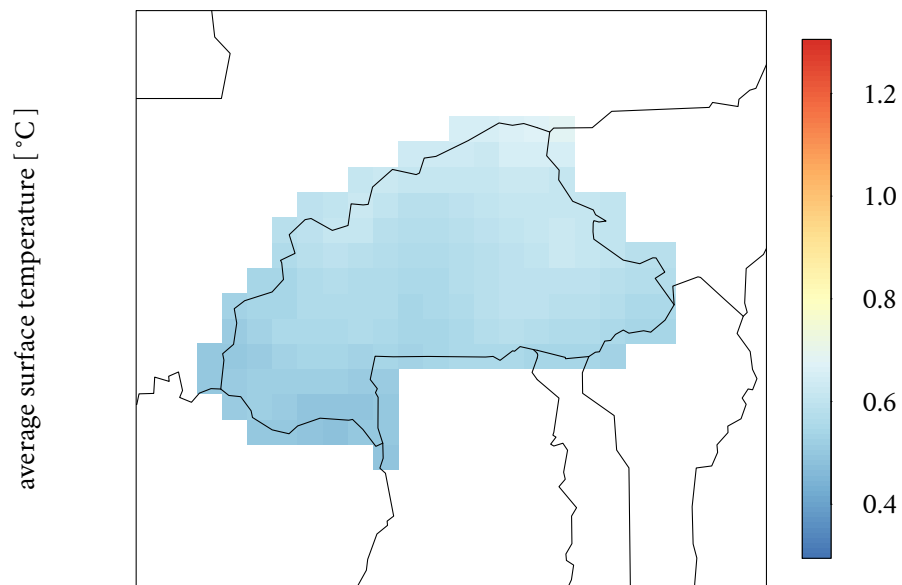


Figure 1198: Mean across years, RCP 8.5, 2060 .. 2089

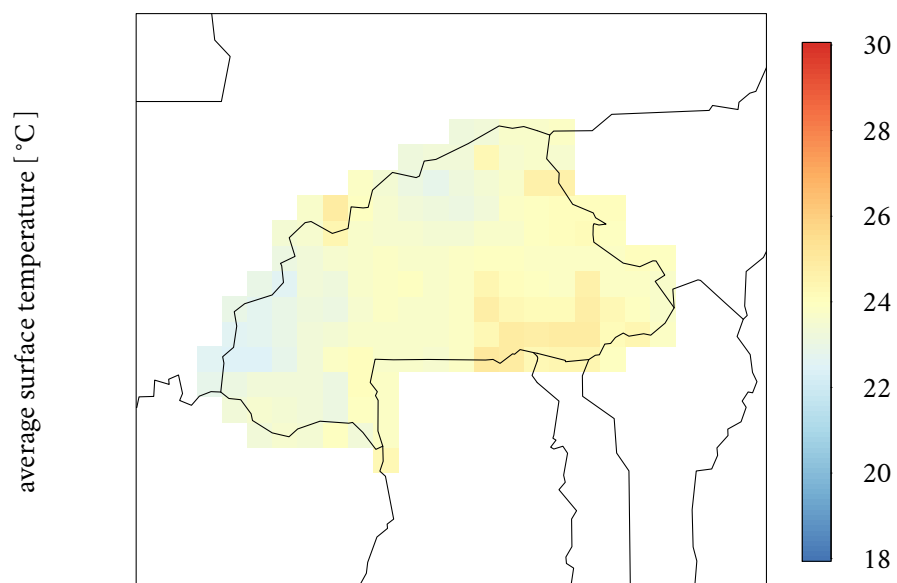


Figure 1199: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

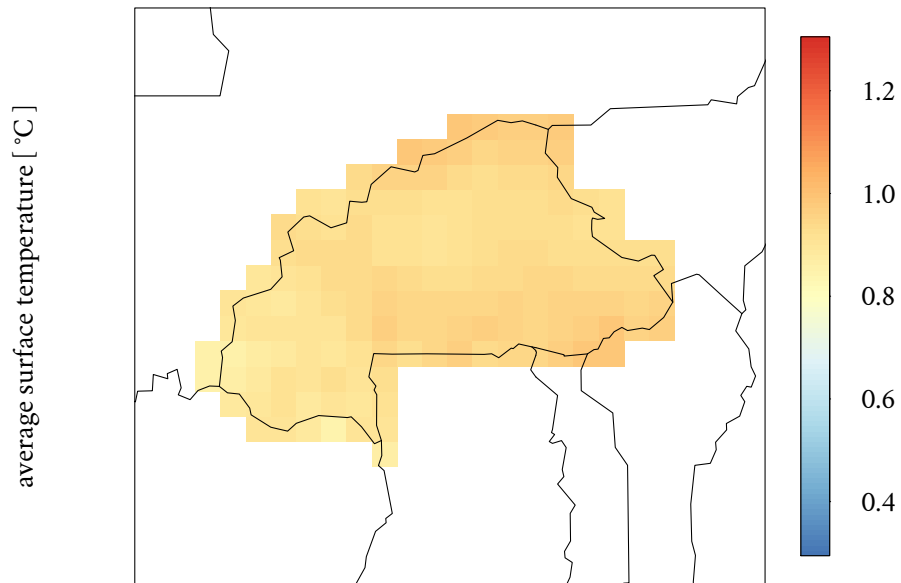
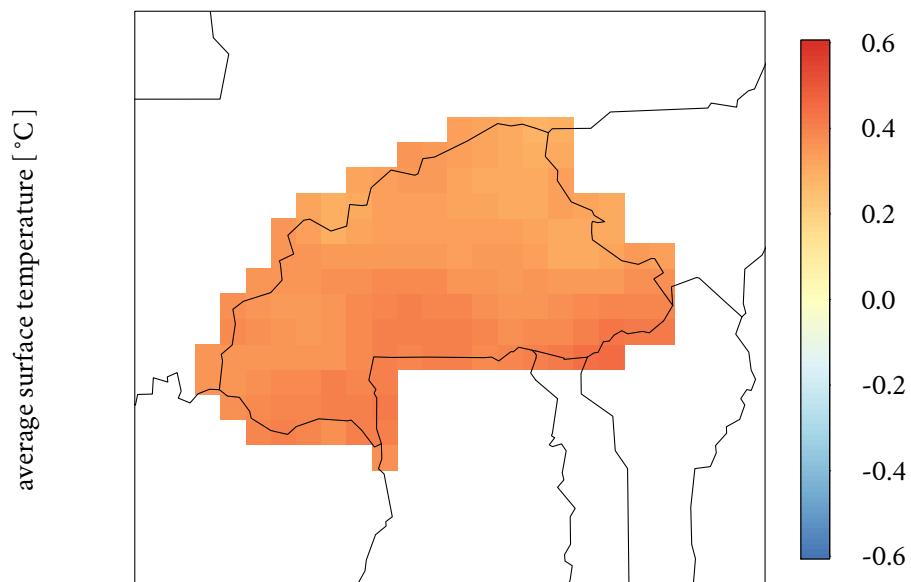


Figure 1200: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.17 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 1201: Mean across years, RCP 8.5, 2020 .. 2049

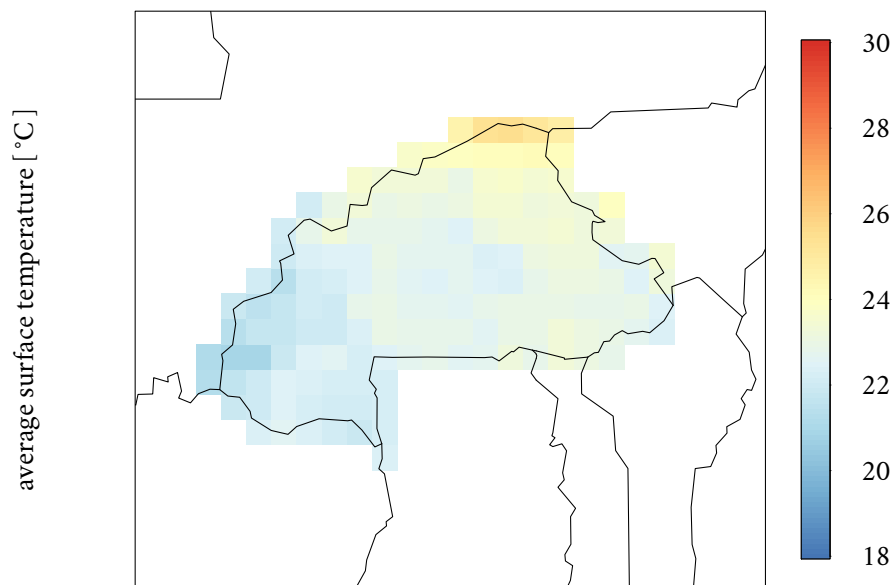


Figure 1202: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

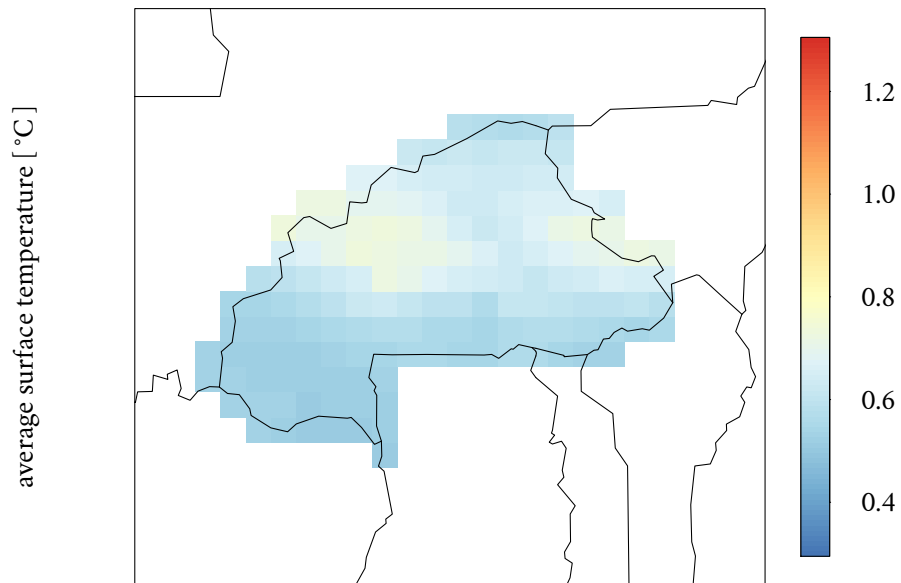


Figure 1203: Mean across years, RCP 8.5, 2060 .. 2089

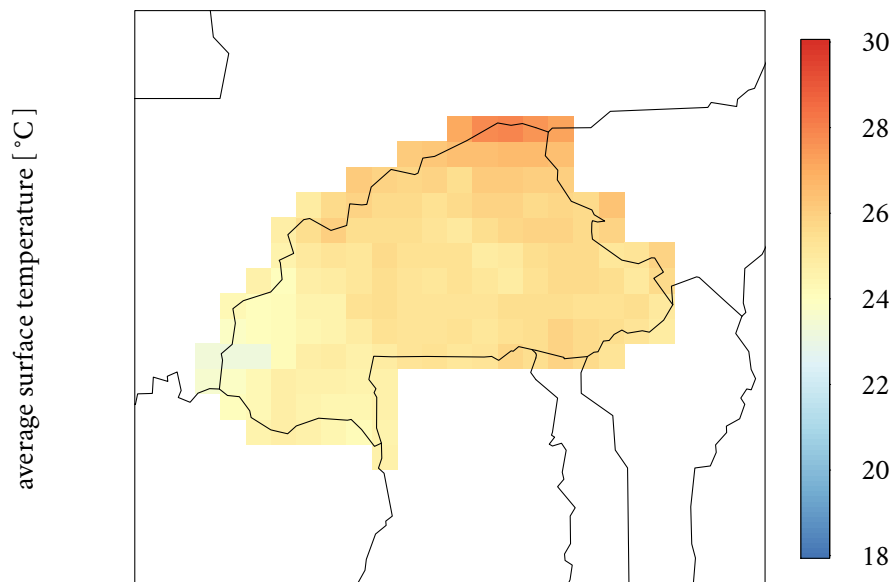


Figure 1204: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

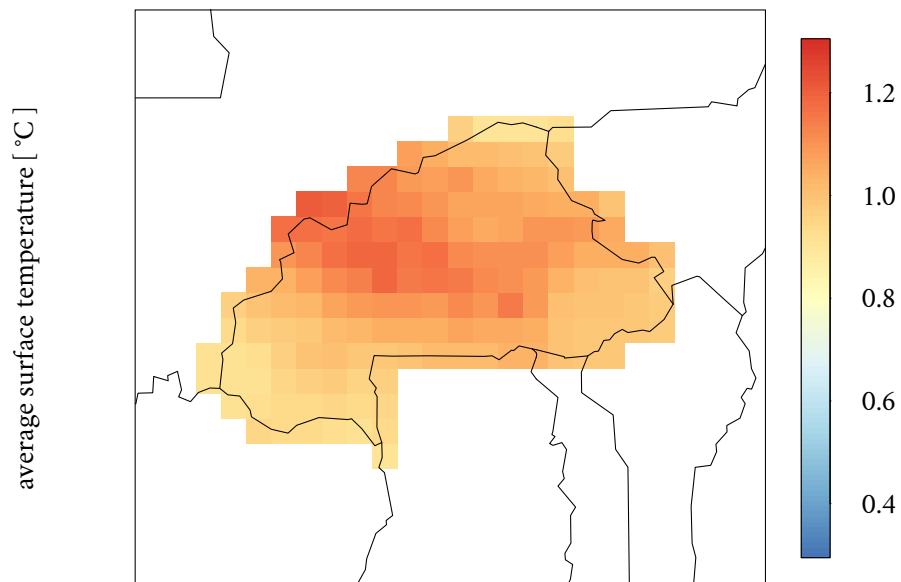
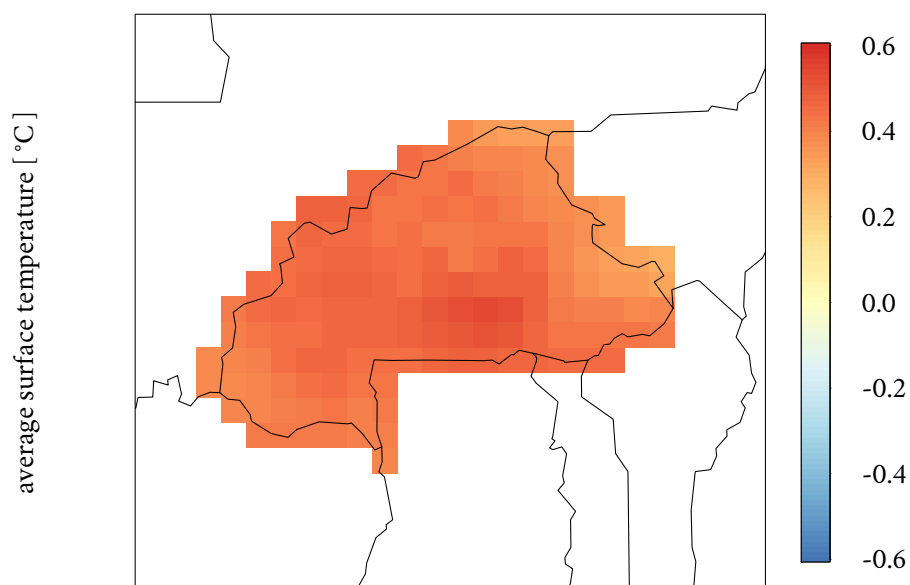


Figure 1205: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.18 GCM NCC-NorESM1-M / RCM RCA4

Figure 1206: Mean across years, RCP 8.5, 2020 .. 2049

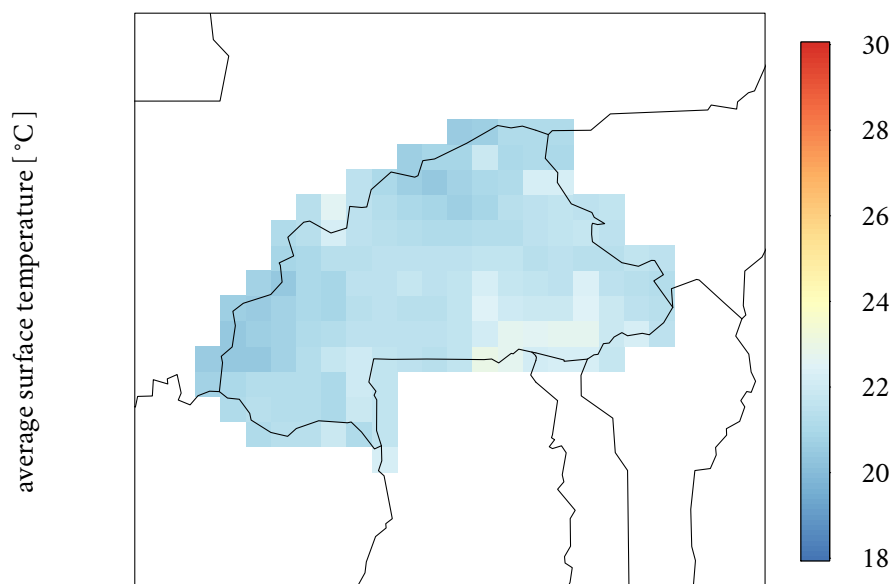


Figure 1207: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

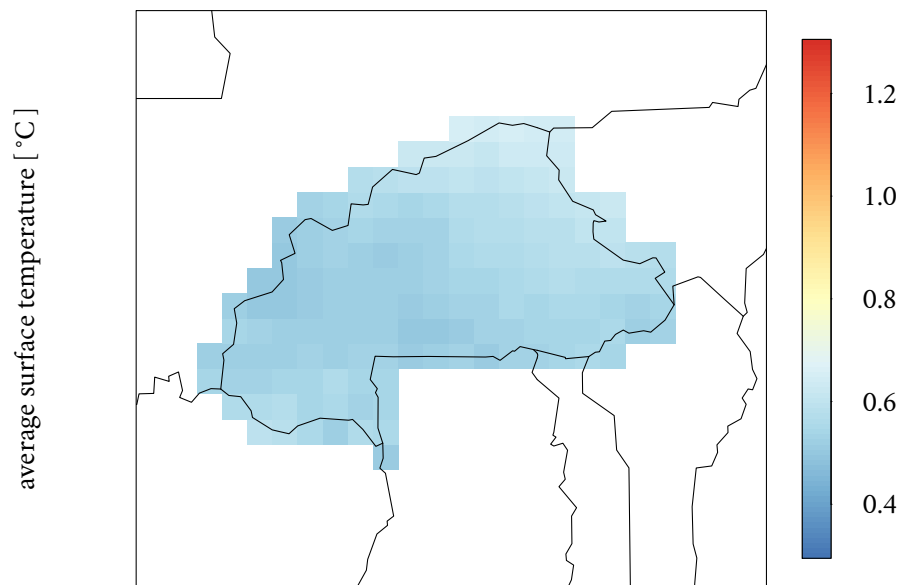


Figure 1208: Mean across years, RCP 8.5, 2060 .. 2089

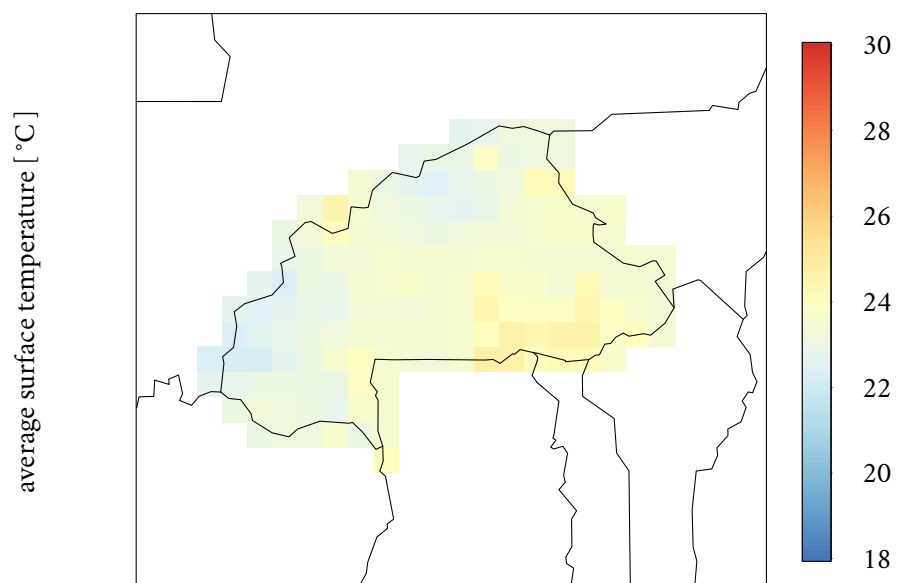


Figure 1209: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

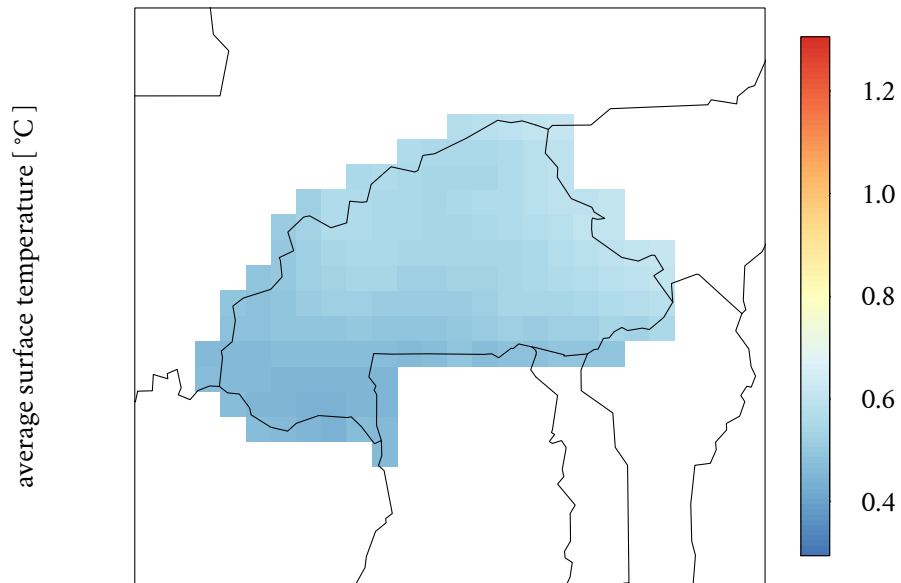
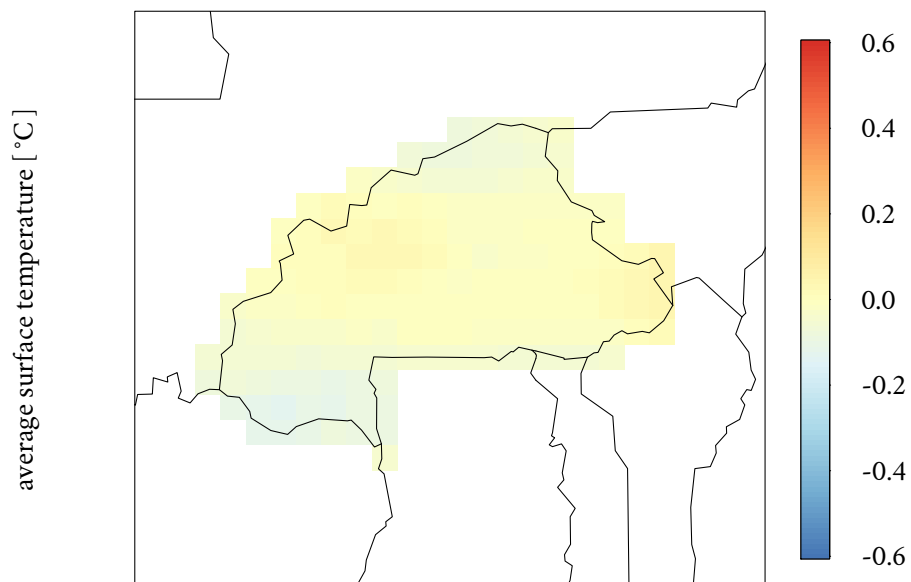


Figure 1210: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.2.19 GCM NOAA-GFDL-GFDL-ESM2M / RCM RCA4

Figure 1211: Mean across years, RCP 8.5, 2020 .. 2049

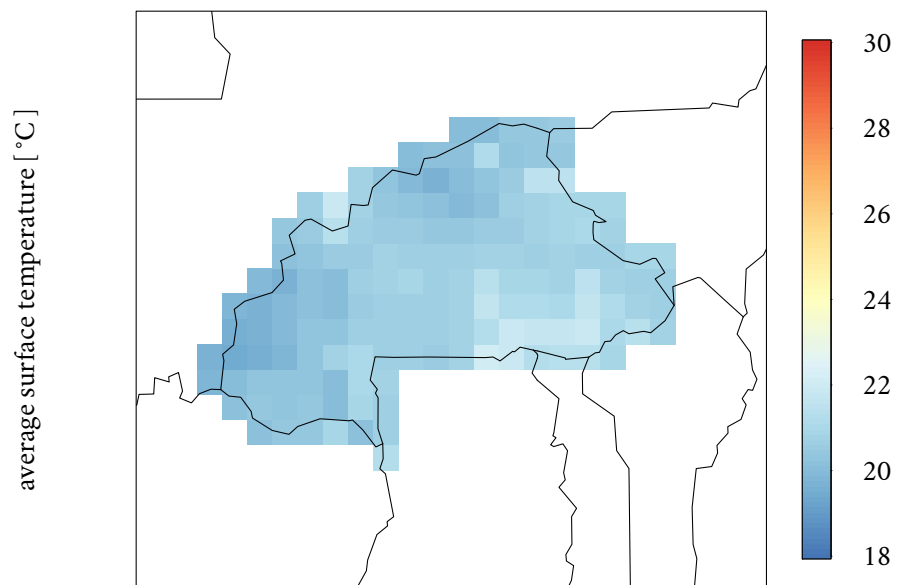


Figure 1212: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

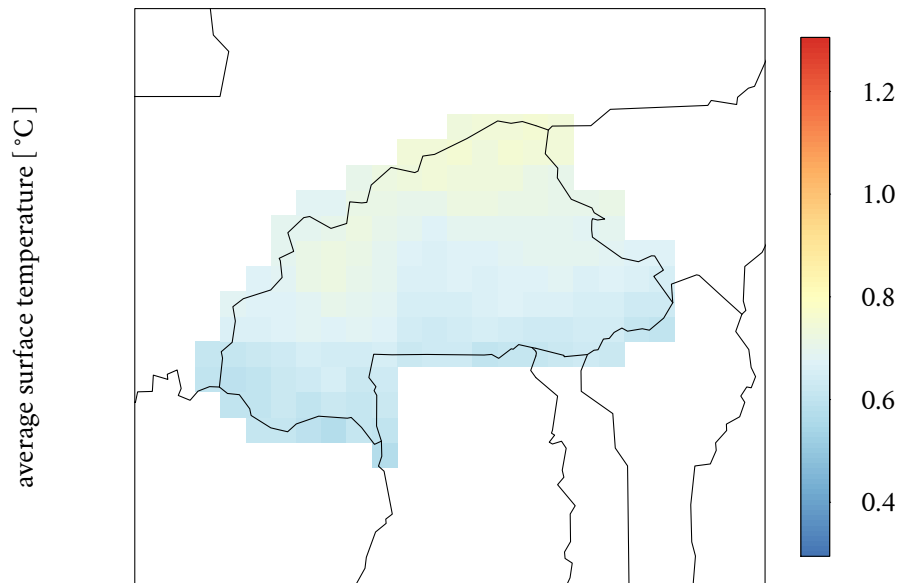


Figure 1213: Mean across years, RCP 8.5, 2060 .. 2089

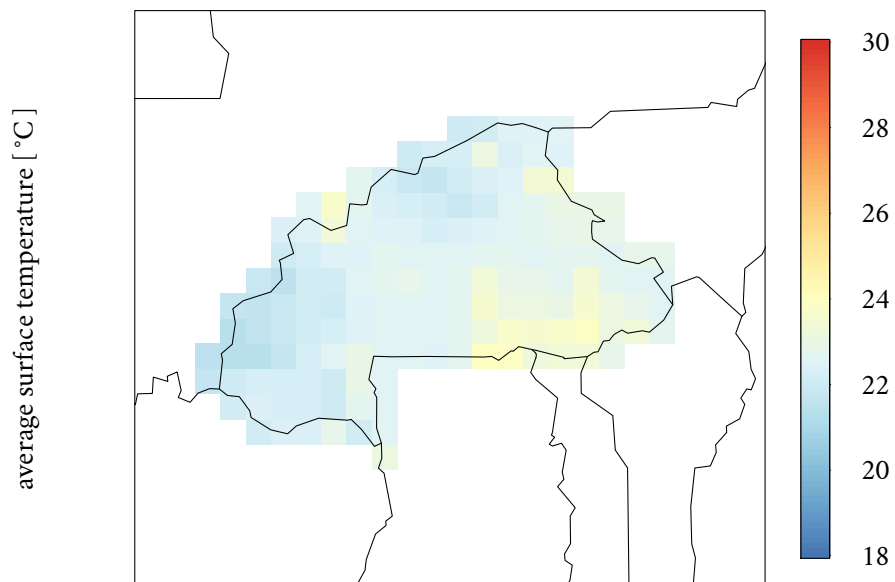


Figure 1214: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

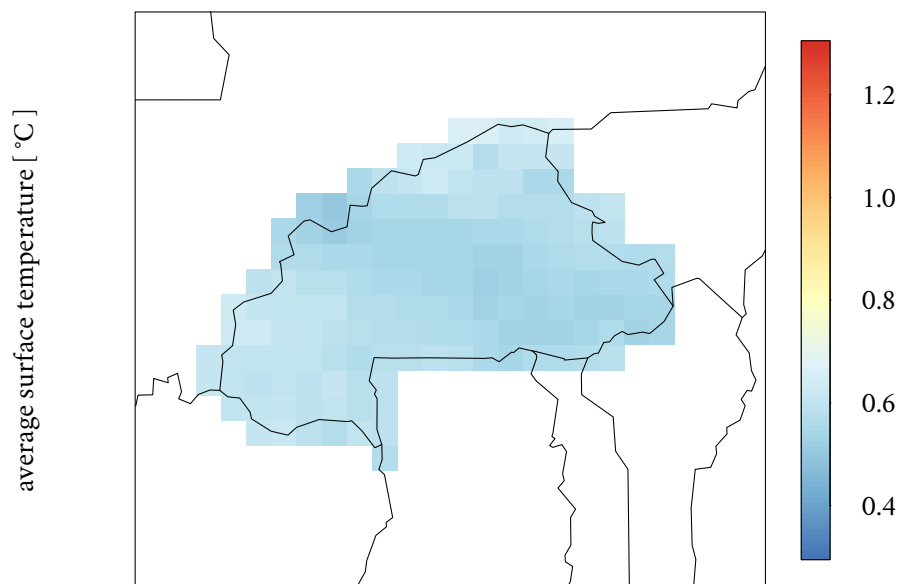
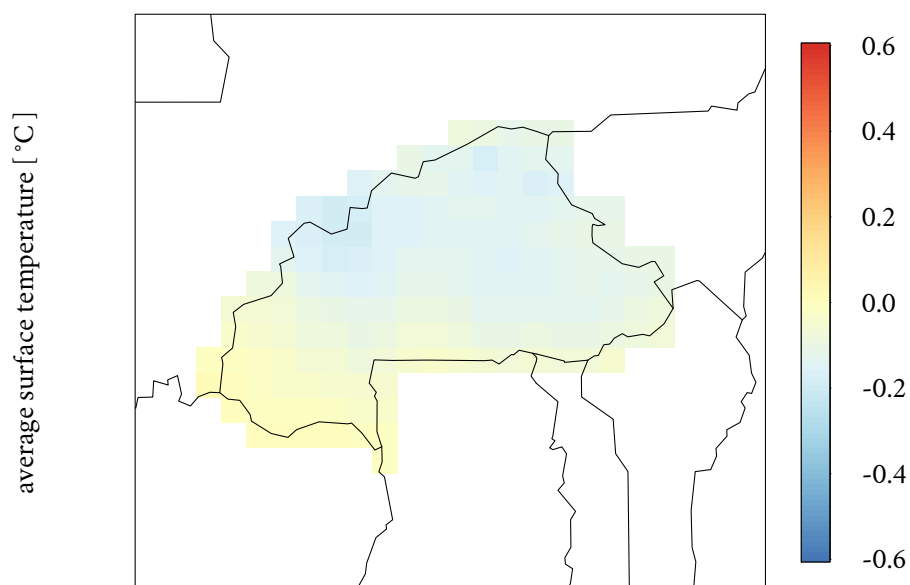


Figure 1215: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.3 Kenya / RCP 2.6

D.3.1 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 1216: Mean across years, RCP 2.6, 2020 .. 2049

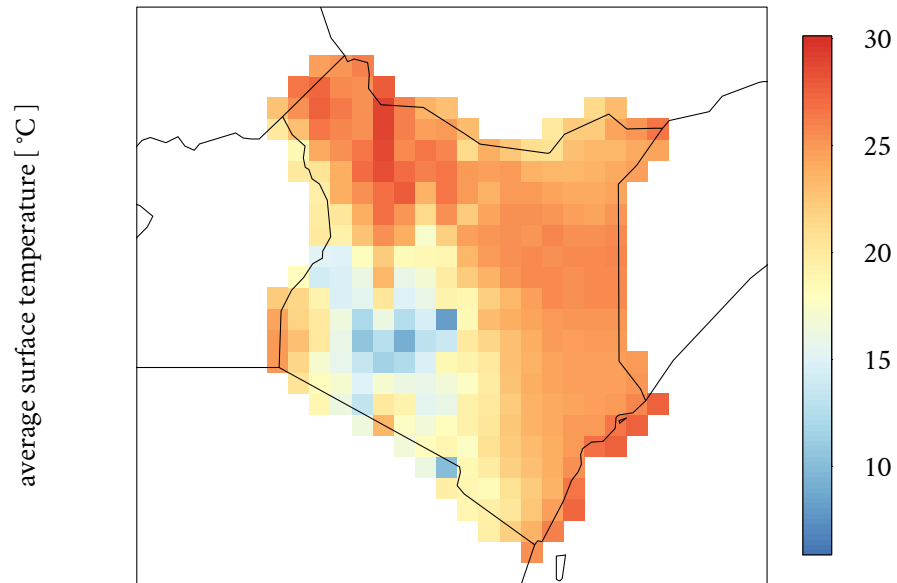


Figure 1217: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

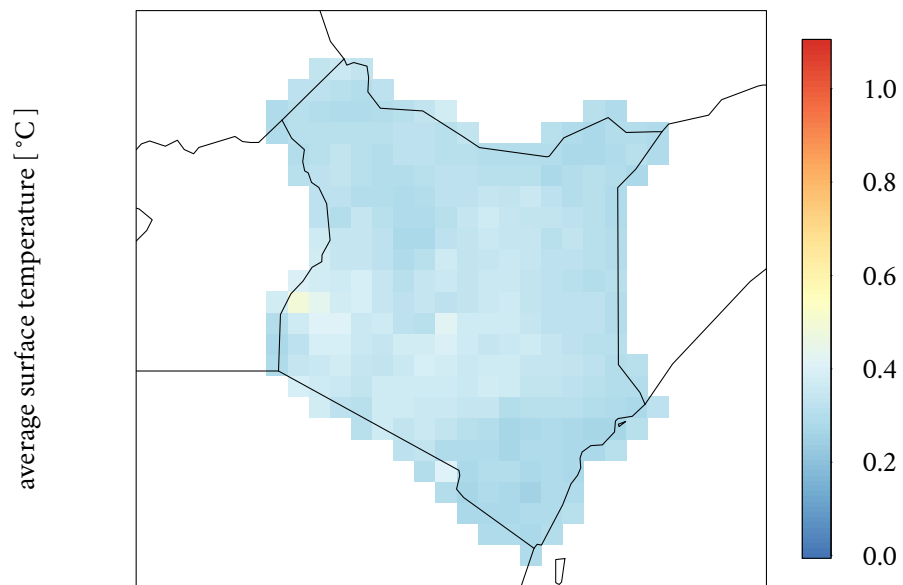


Figure 1218: Mean across years, RCP 2.6, 2060 .. 2089

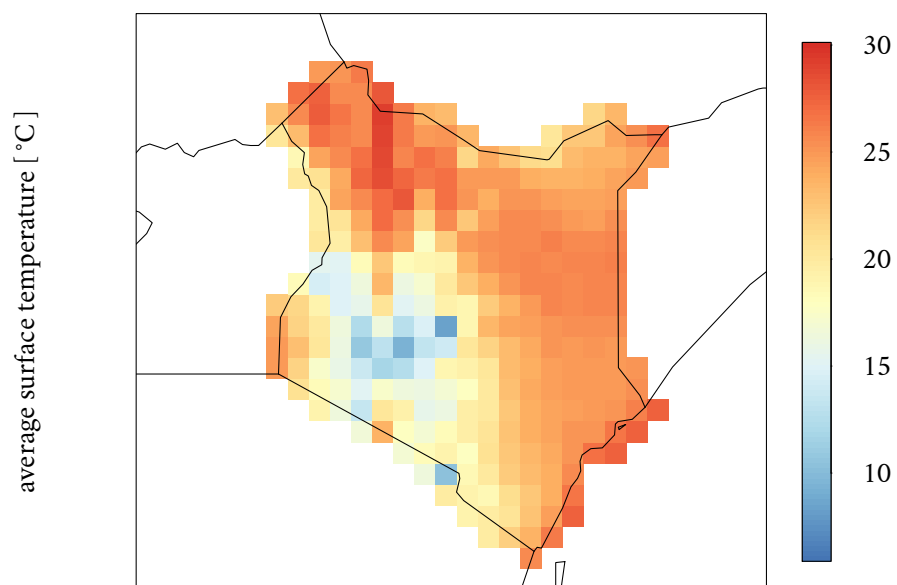


Figure 1219: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

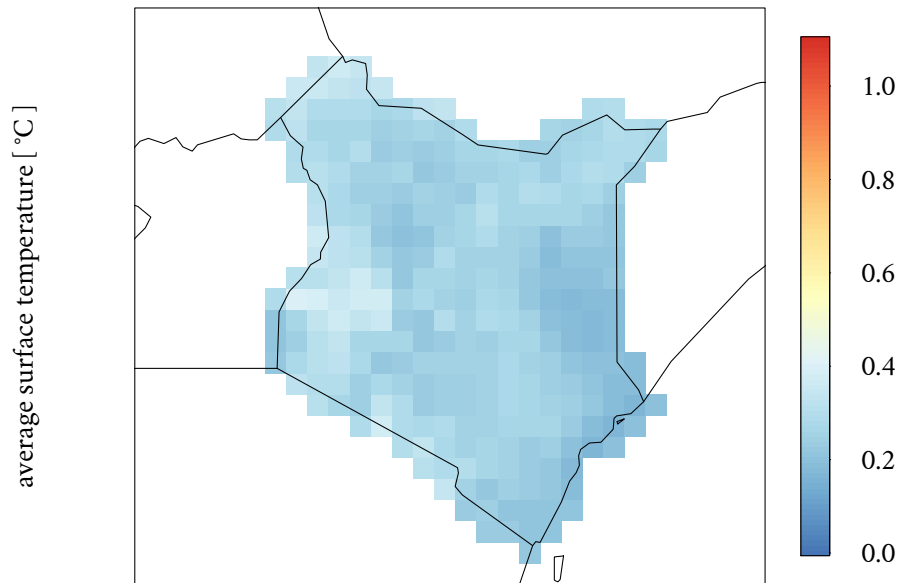
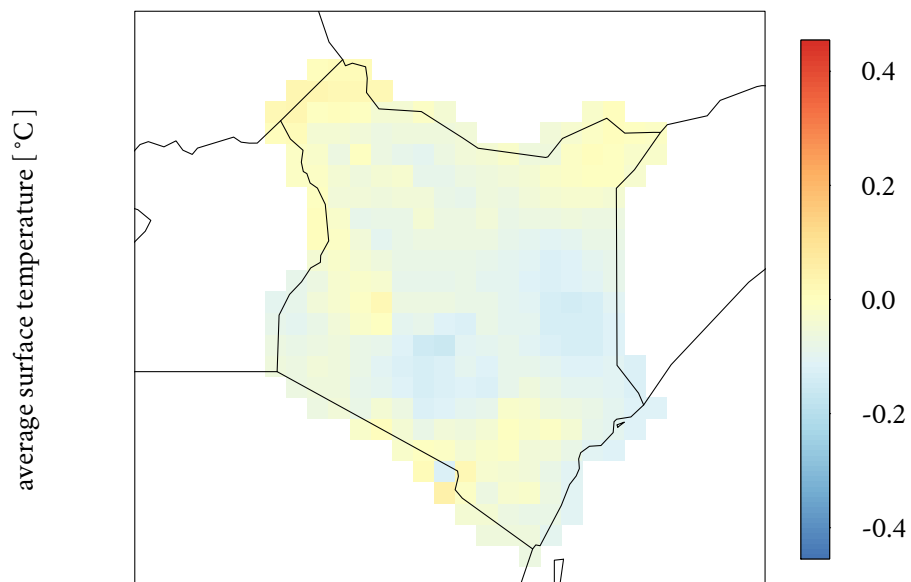


Figure 1220: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.3.2 GCM MIROC-MIROC5 / RCM RCA4

Figure 1221: Mean across years, RCP 2.6, 2020 .. 2049

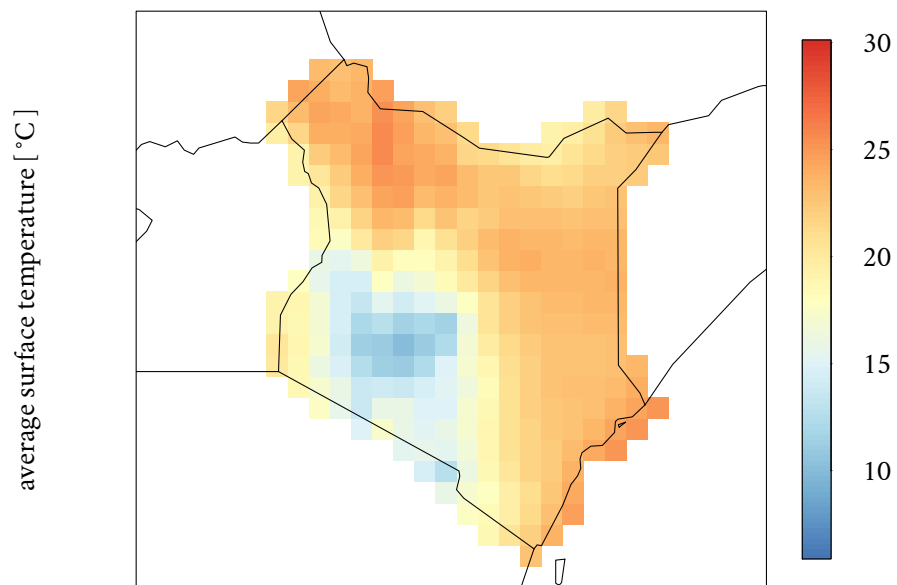


Figure 1222: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

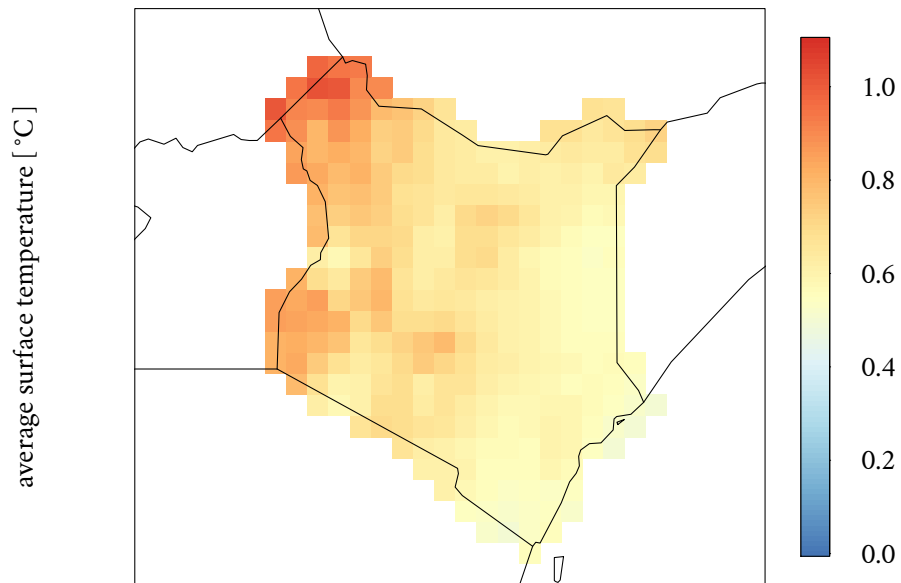


Figure 1223: Mean across years, RCP 2.6, 2060 .. 2089

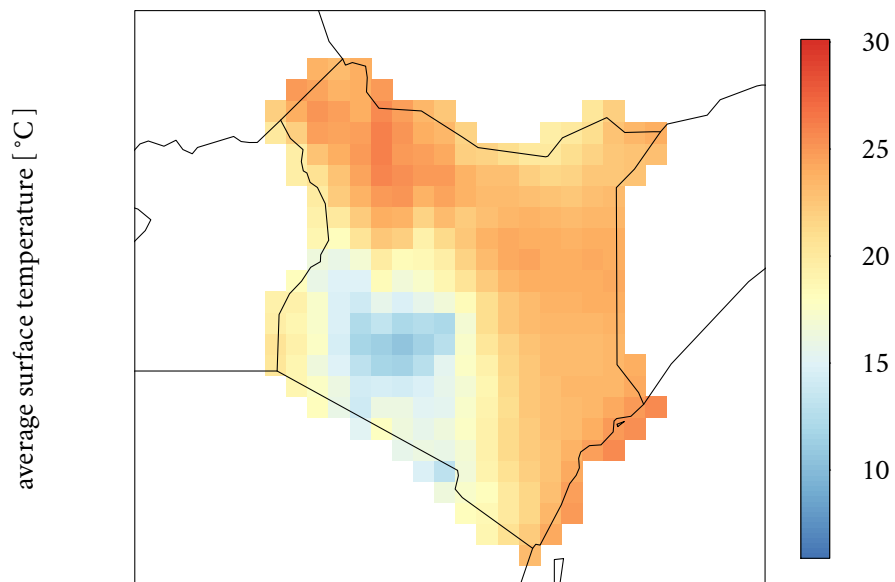


Figure 1224: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

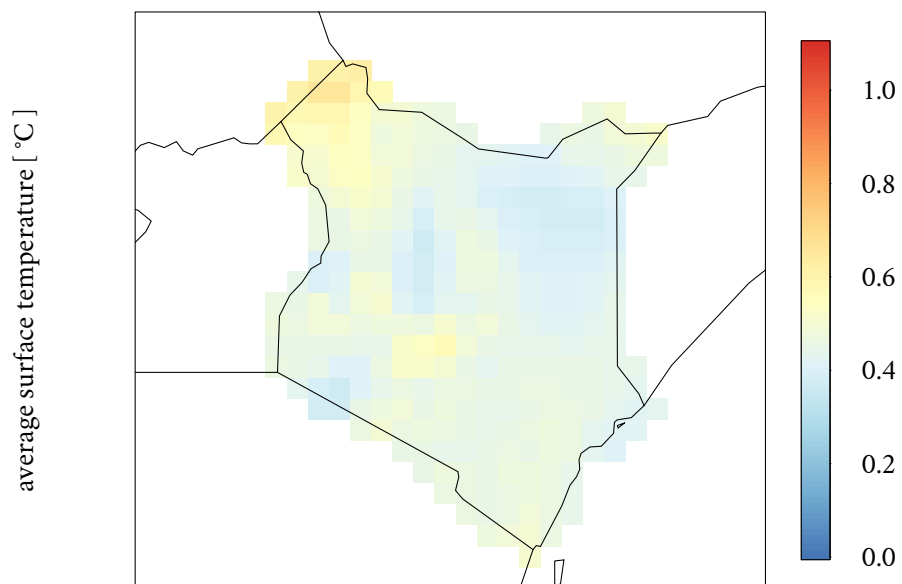
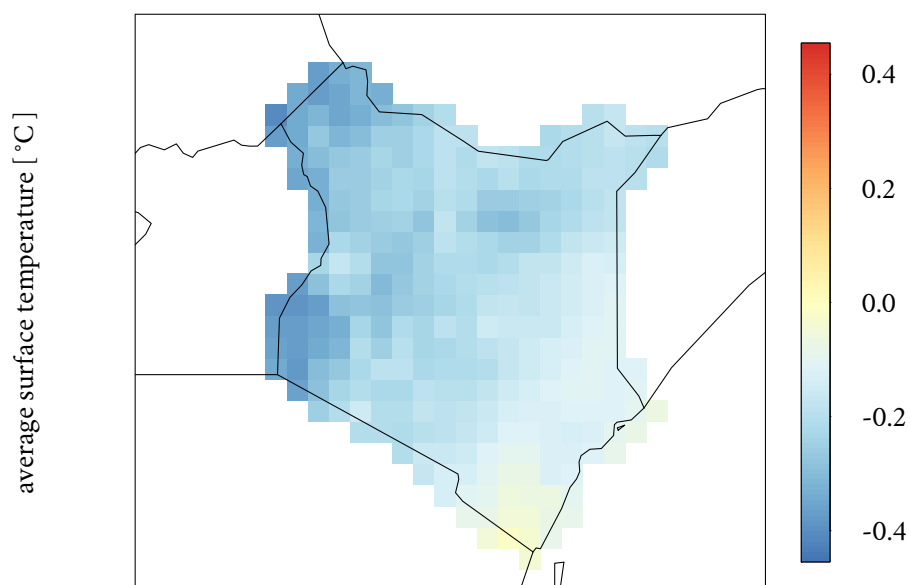


Figure 1225: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.3.3 GCM MIROC-MIROC5 / RCM REMO2009

Figure 1226: Mean across years, RCP 2.6, 2020 .. 2049

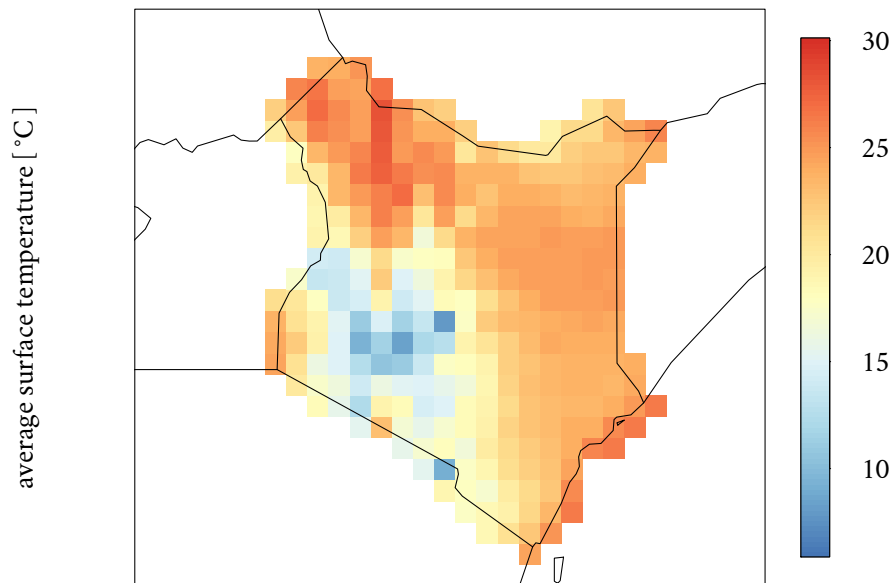


Figure 1227: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

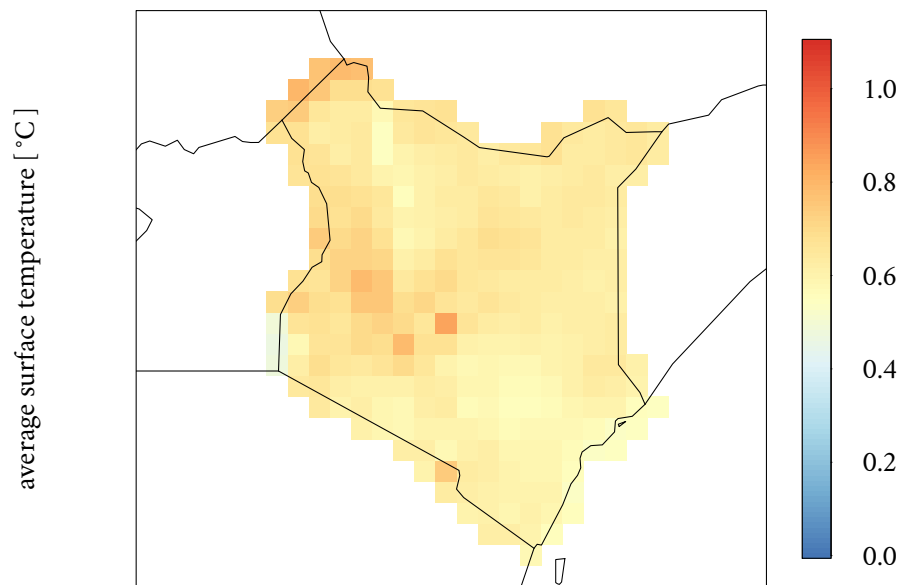


Figure 1228: Mean across years, RCP 2.6, 2060 .. 2089

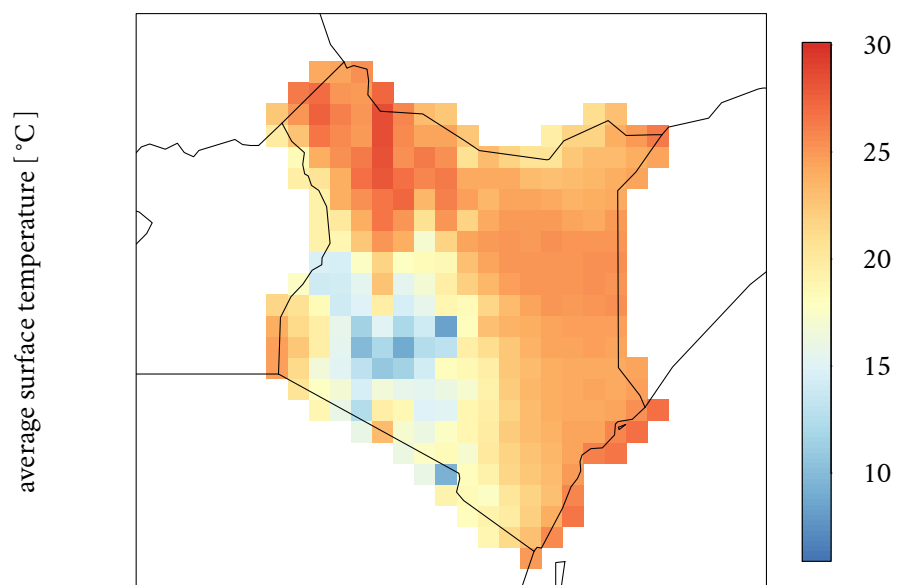


Figure 1229: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

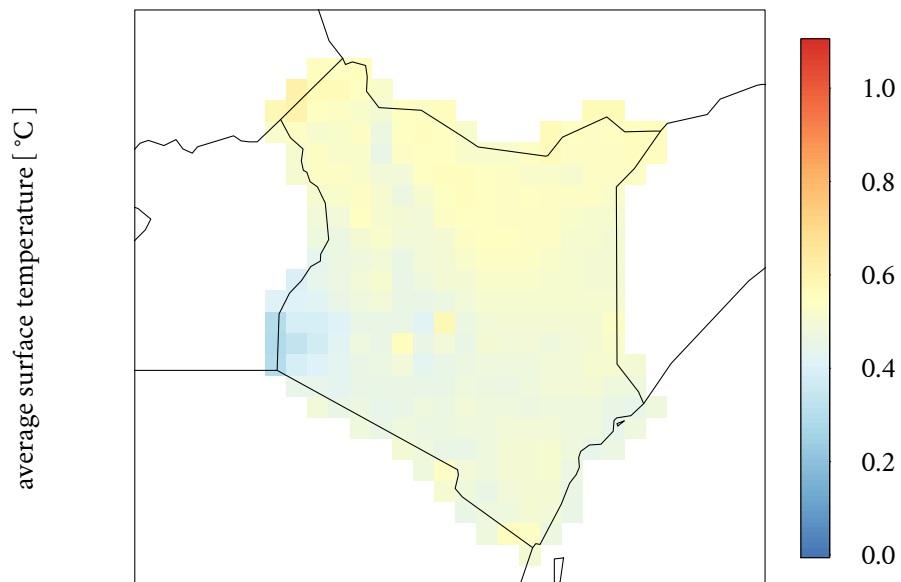
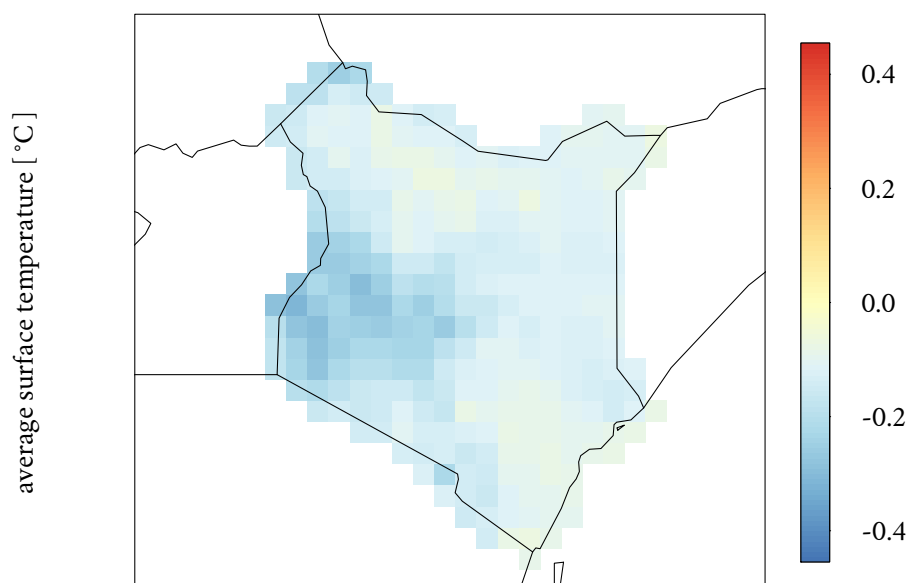


Figure 1230: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.3.4 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 1231: Mean across years, RCP 2.6, 2020 .. 2049

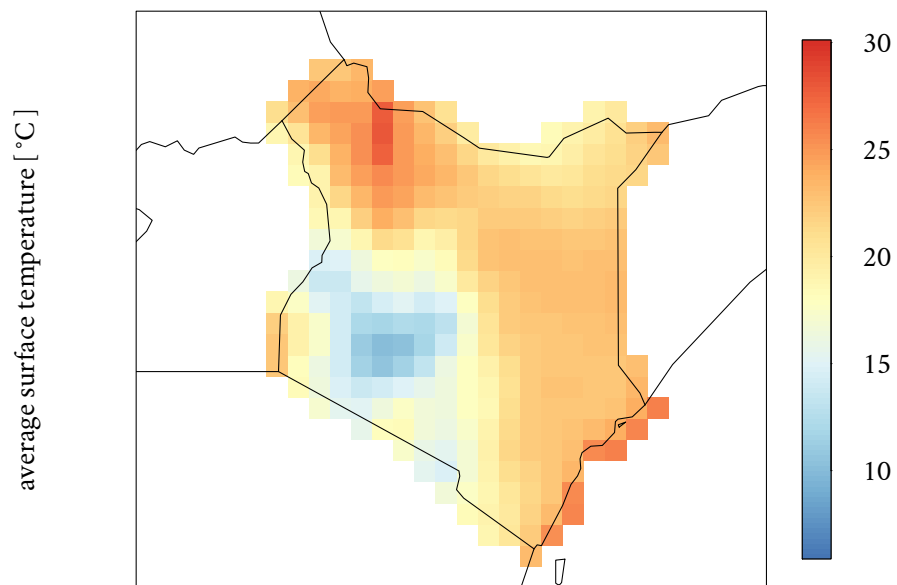


Figure 1232: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

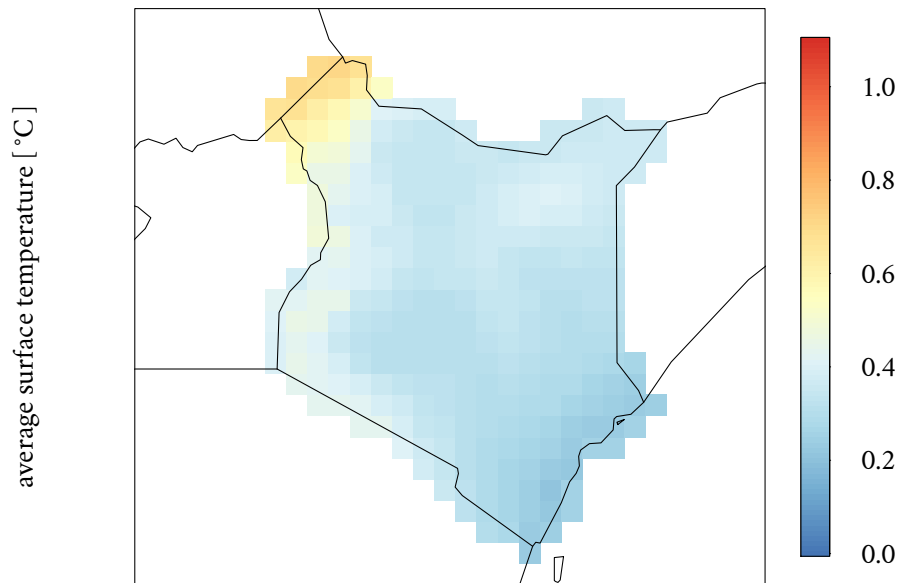


Figure 1233: Mean across years, RCP 2.6, 2060 .. 2089

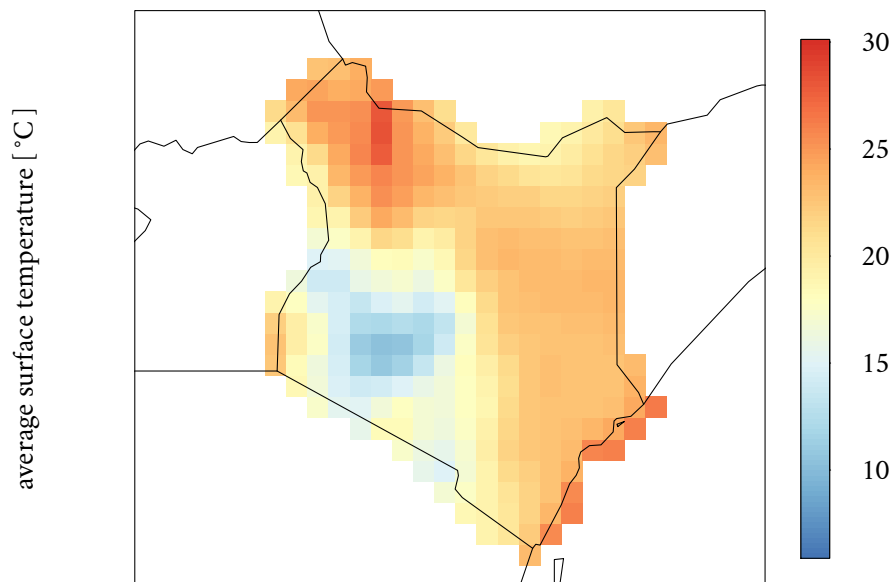


Figure 1234: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

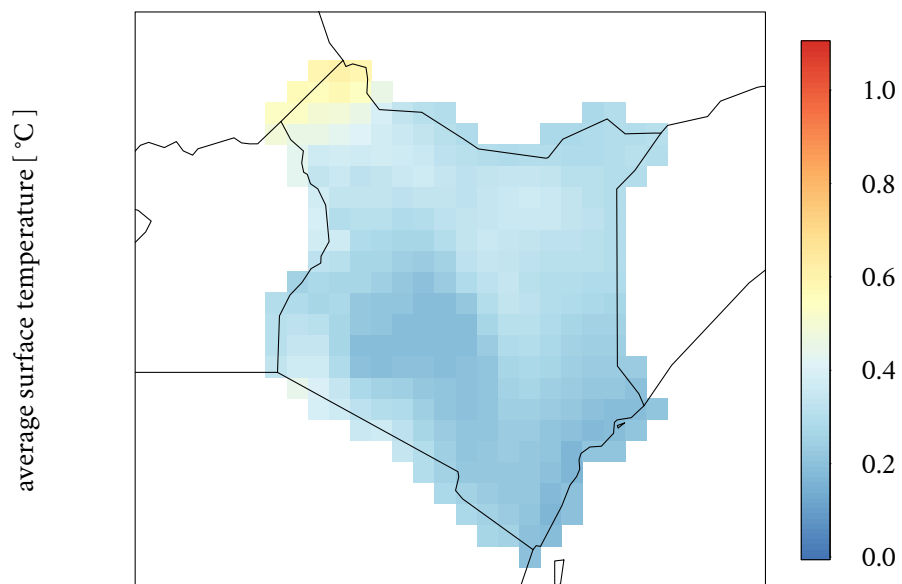
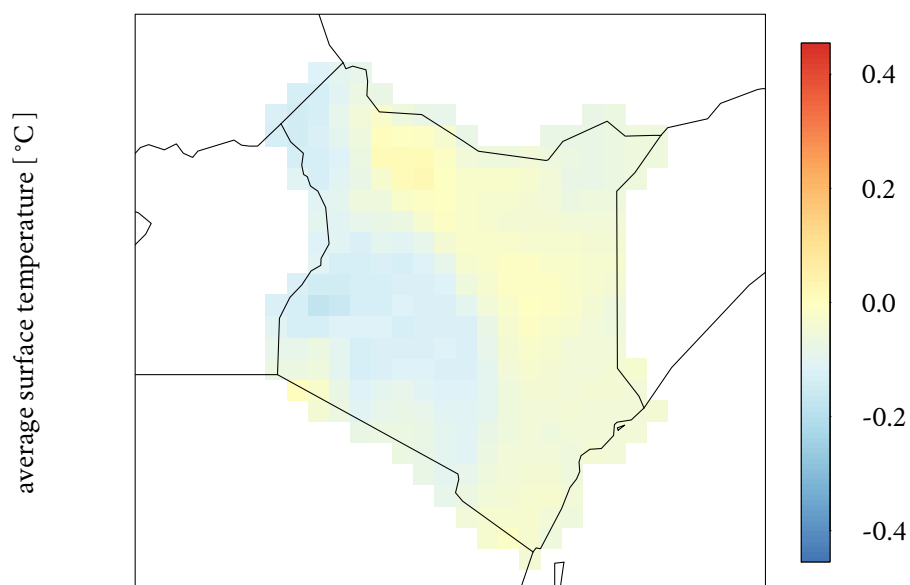


Figure 1235: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.3.5 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 1236: Mean across years, RCP 2.6, 2020 .. 2049

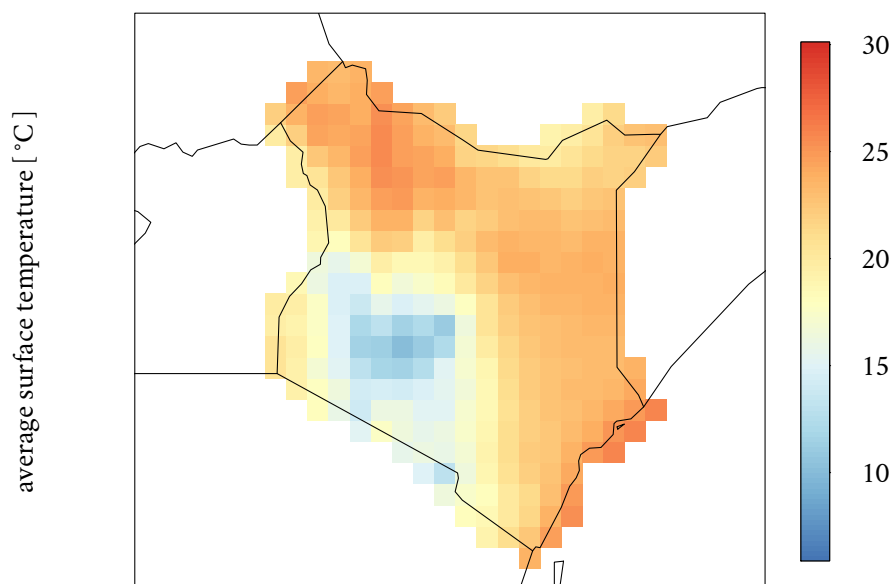


Figure 1237: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

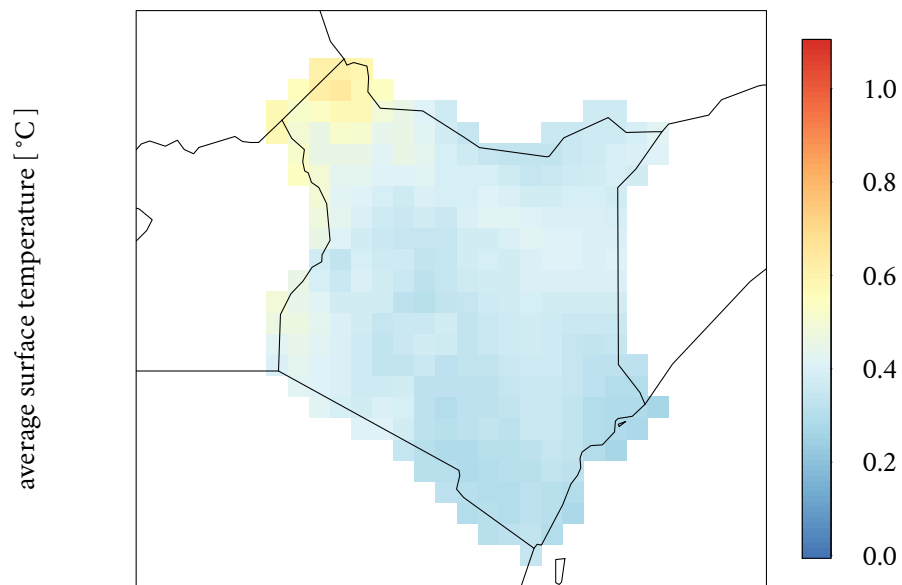


Figure 1238: Mean across years, RCP 2.6, 2060 .. 2089

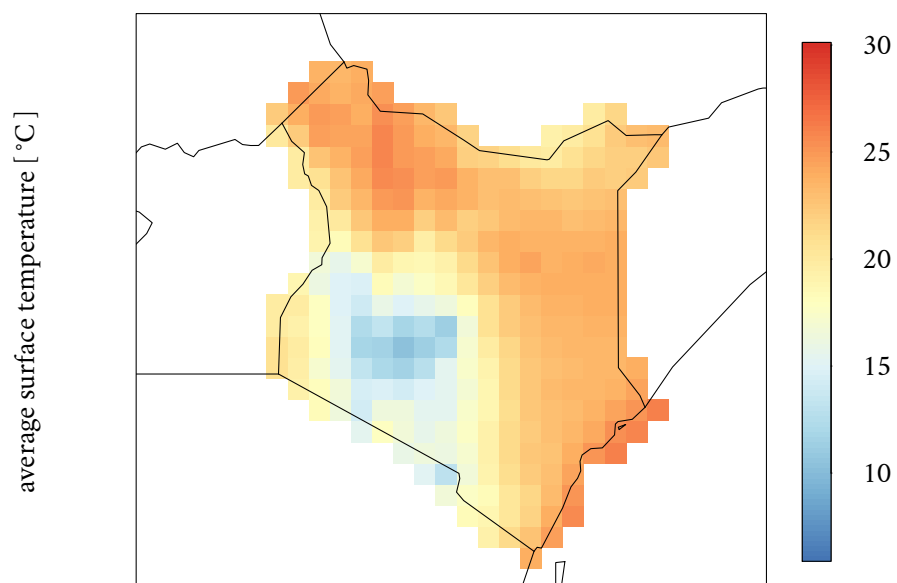


Figure 1239: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

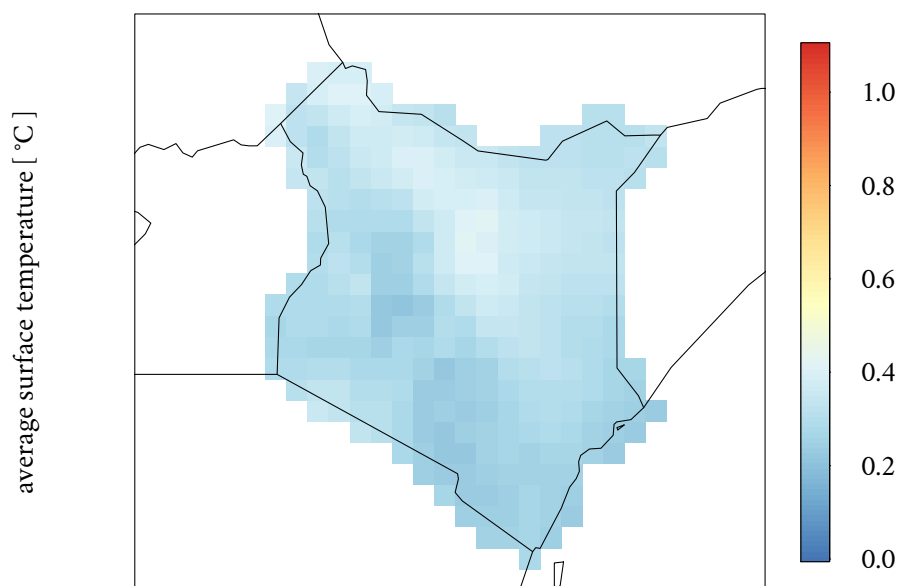
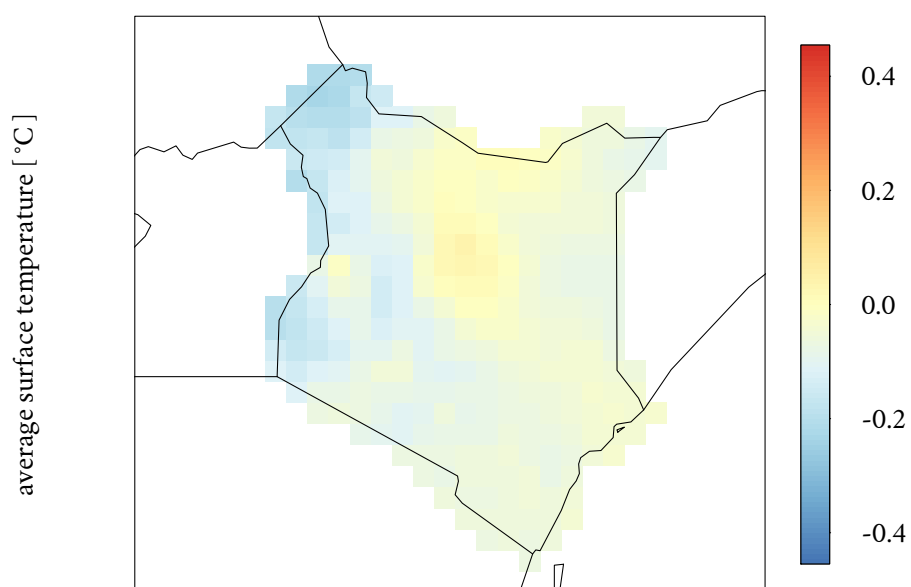


Figure 1240: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.3.6 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 1241: Mean across years, RCP 2.6, 2020 .. 2049

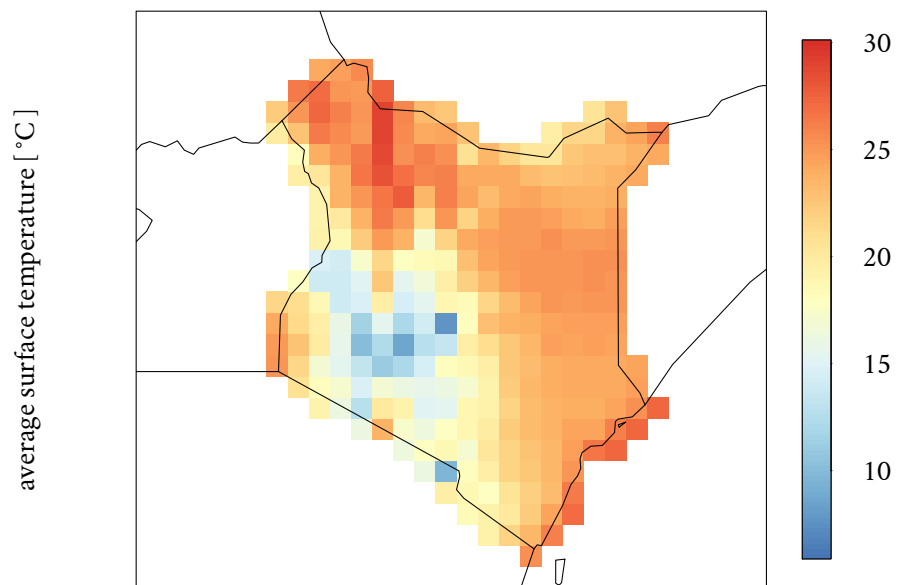


Figure 1242: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

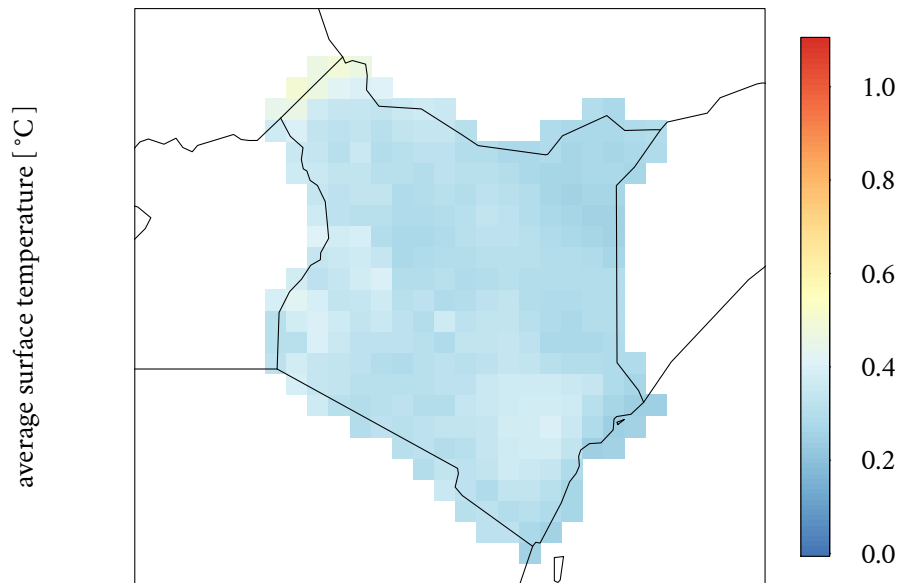


Figure 1243: Mean across years, RCP 2.6, 2060 .. 2089

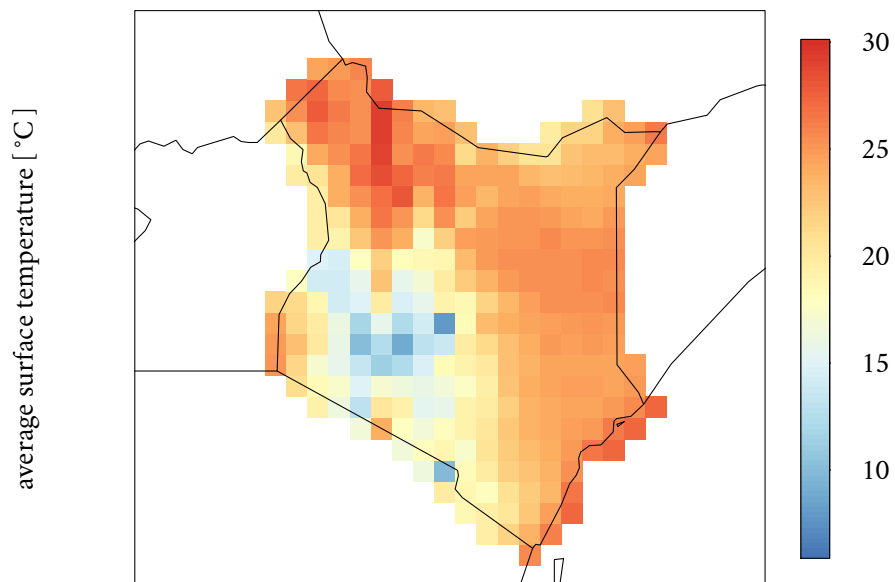


Figure 1244: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

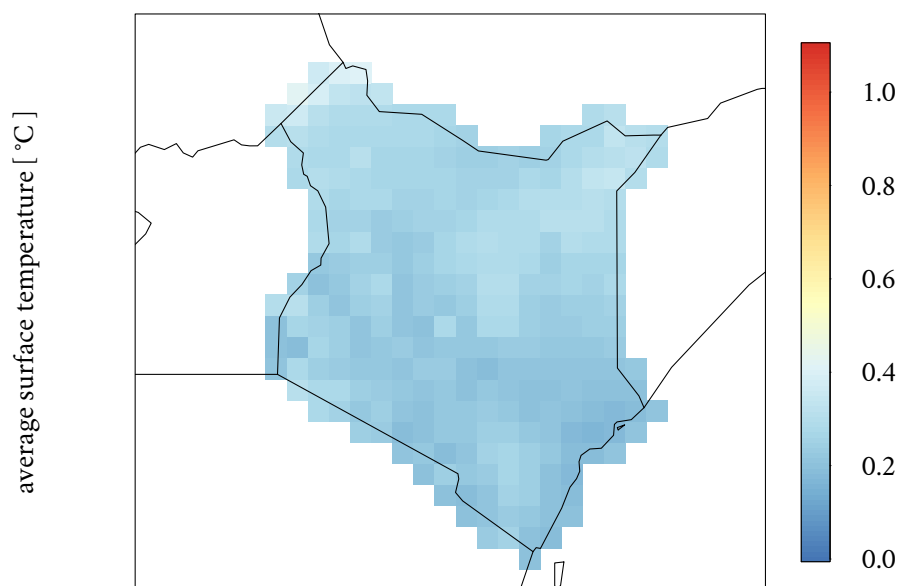
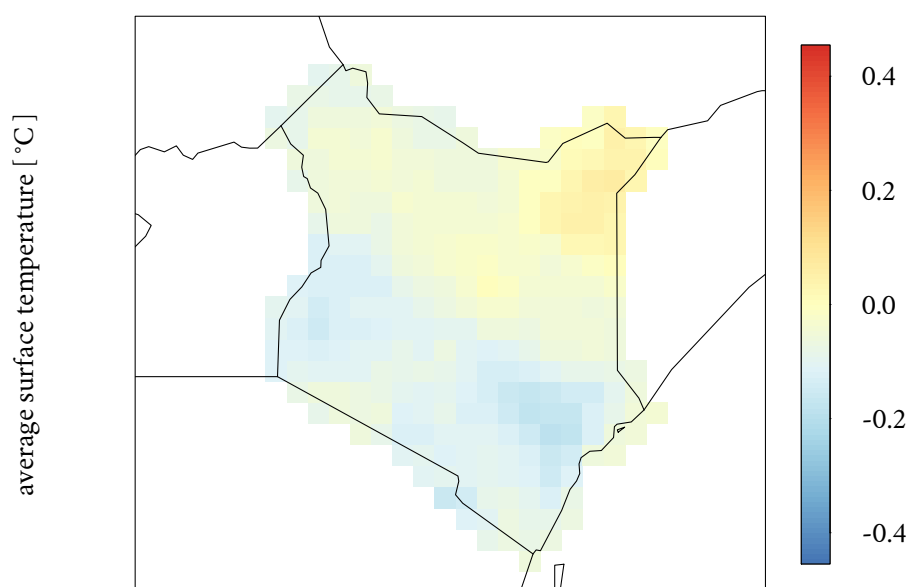


Figure 1245: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.3.7 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 1246: Mean across years, RCP 2.6, 2020 .. 2049

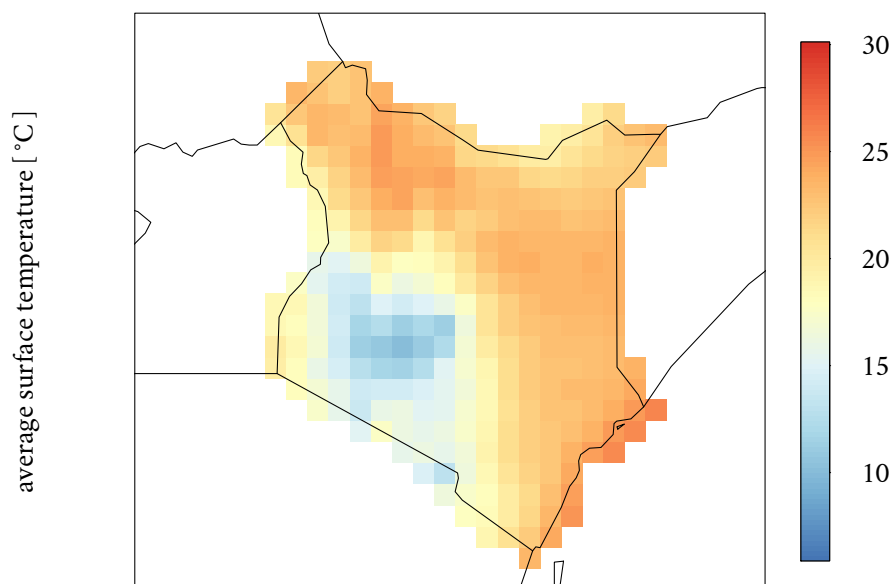


Figure 1247: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

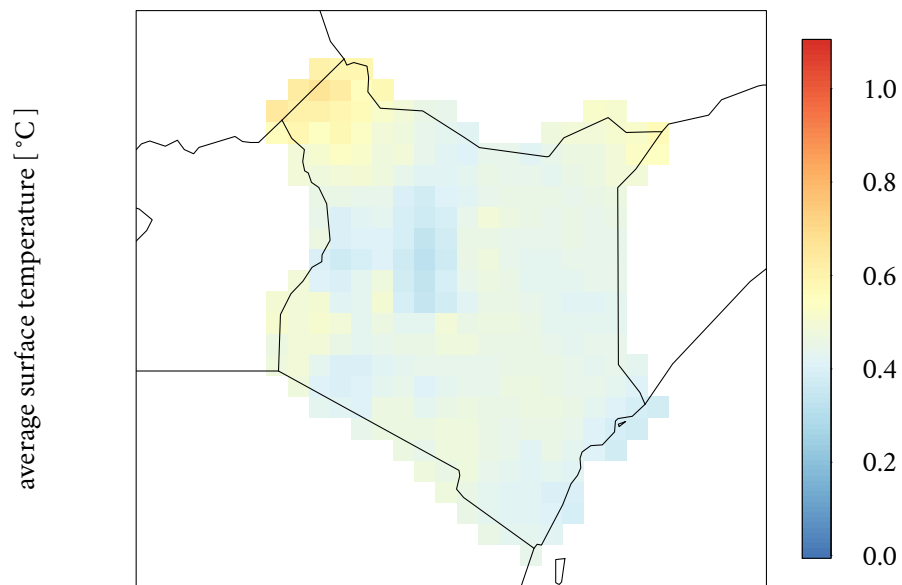


Figure 1248: Mean across years, RCP 2.6, 2060 .. 2089

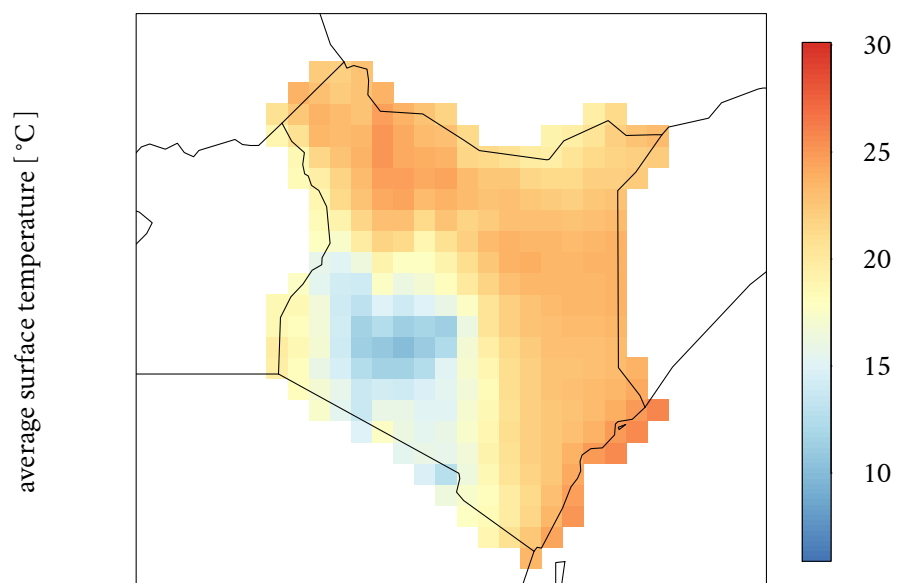


Figure 1249: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

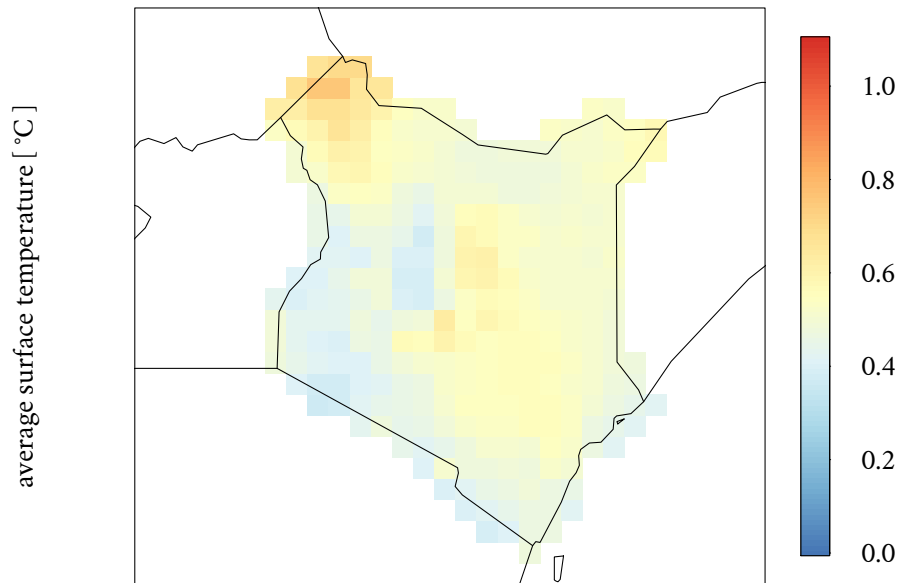
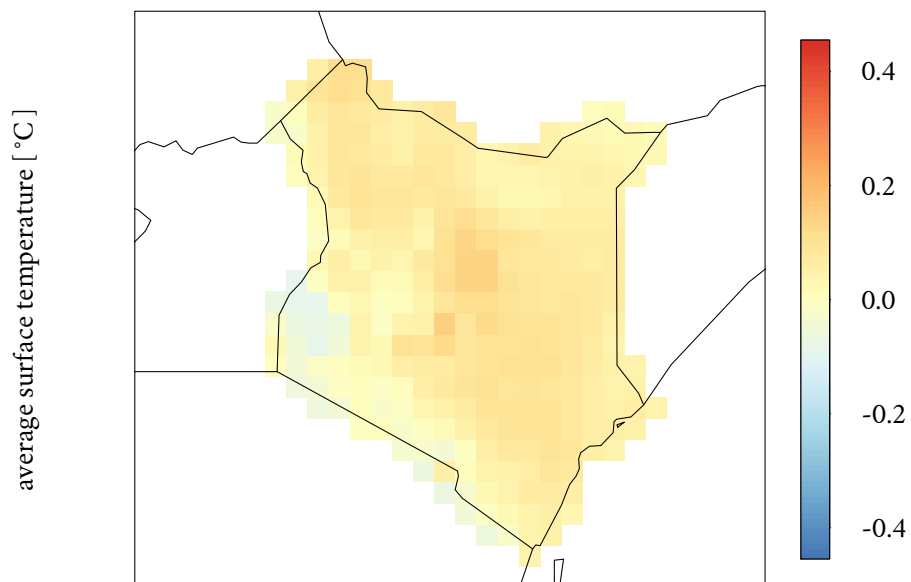


Figure 1250: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.3.8 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 1251: Mean across years, RCP 2.6, 2020 .. 2049

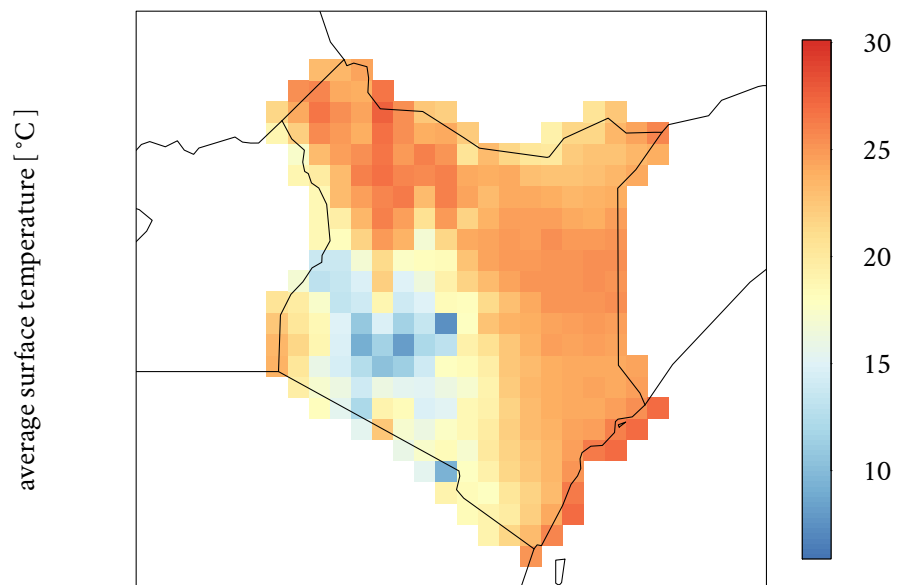


Figure 1252: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

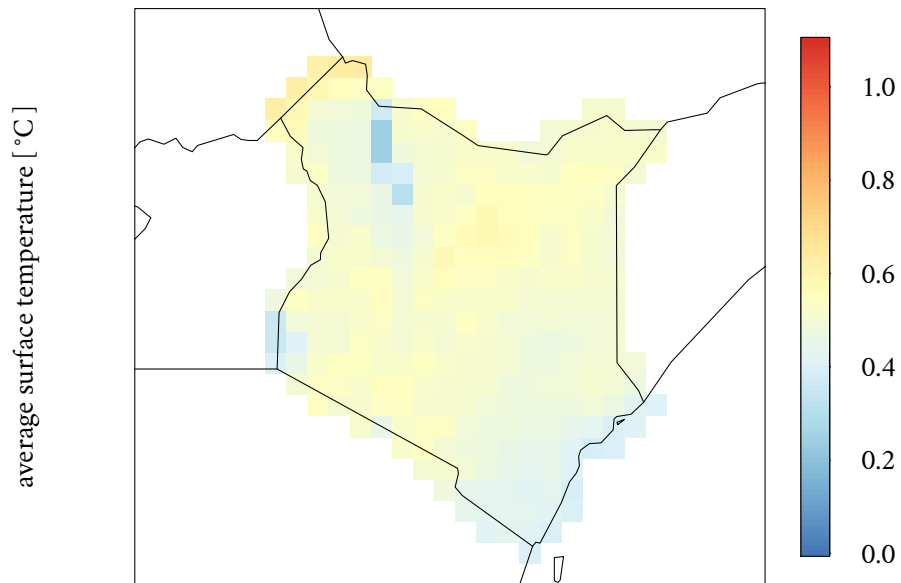


Figure 1253: Mean across years, RCP 2.6, 2060 .. 2089

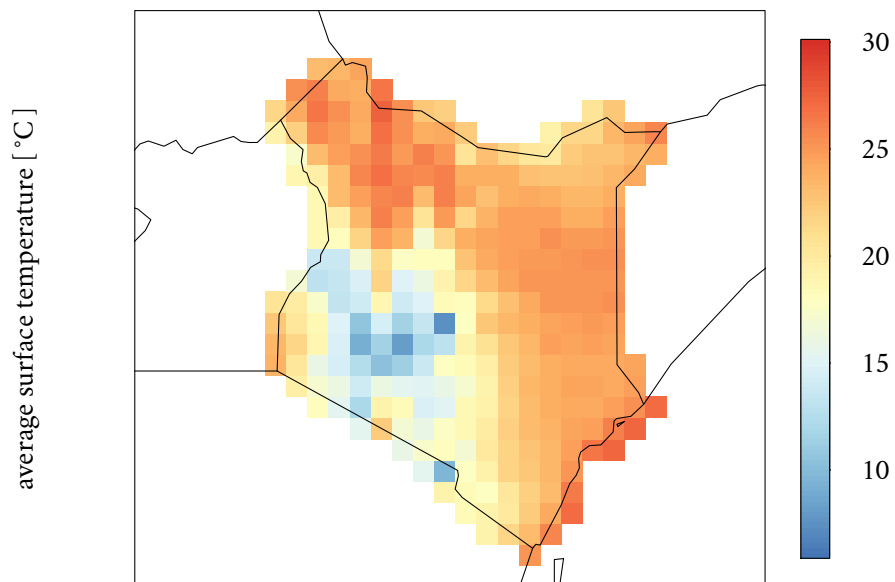


Figure 1254: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

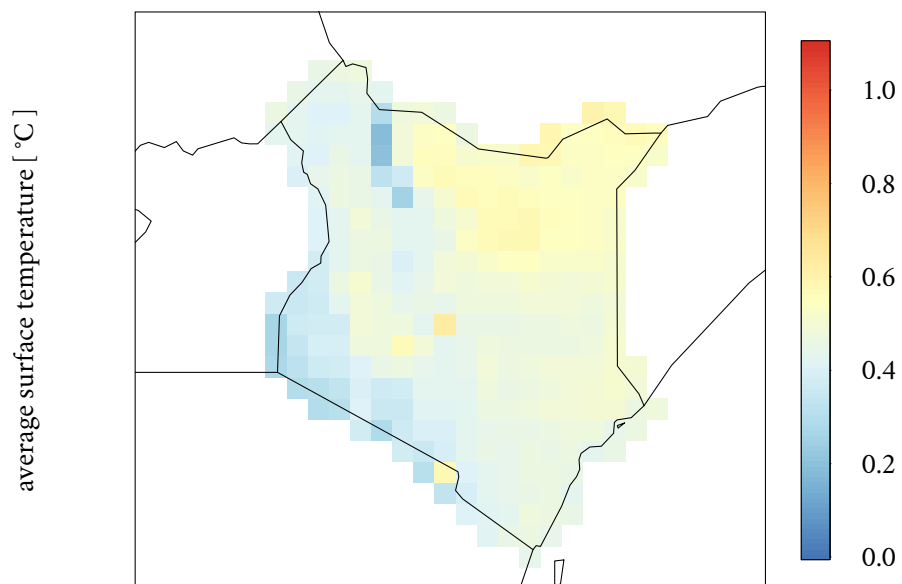
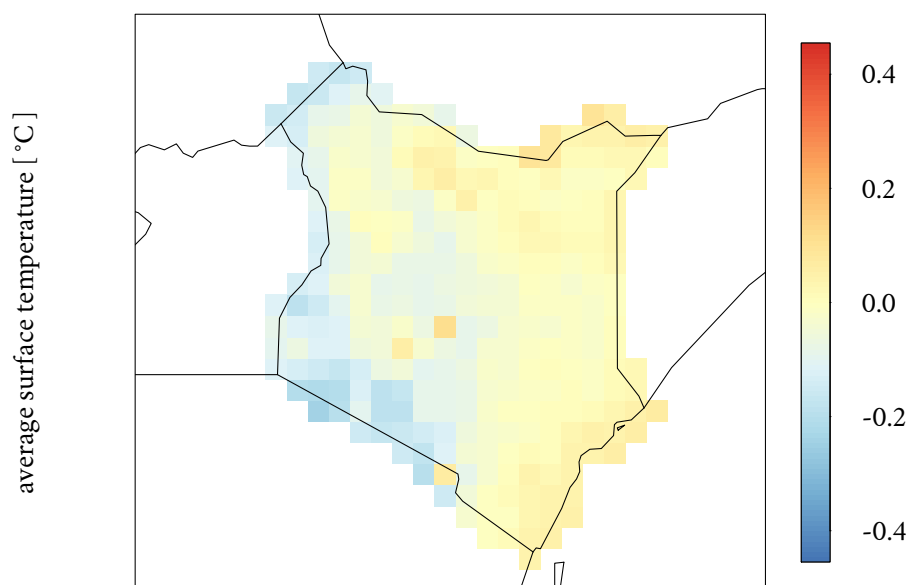


Figure 1255: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.3.9 GCM NCC-NorESM1-M / RCM RCA4

Figure 1256: Mean across years, RCP 2.6, 2020 .. 2049

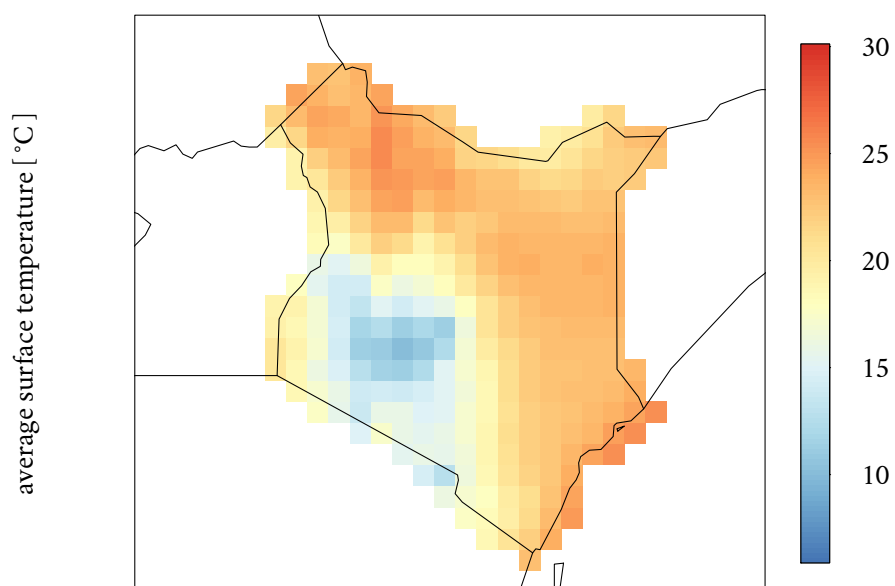


Figure 1257: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

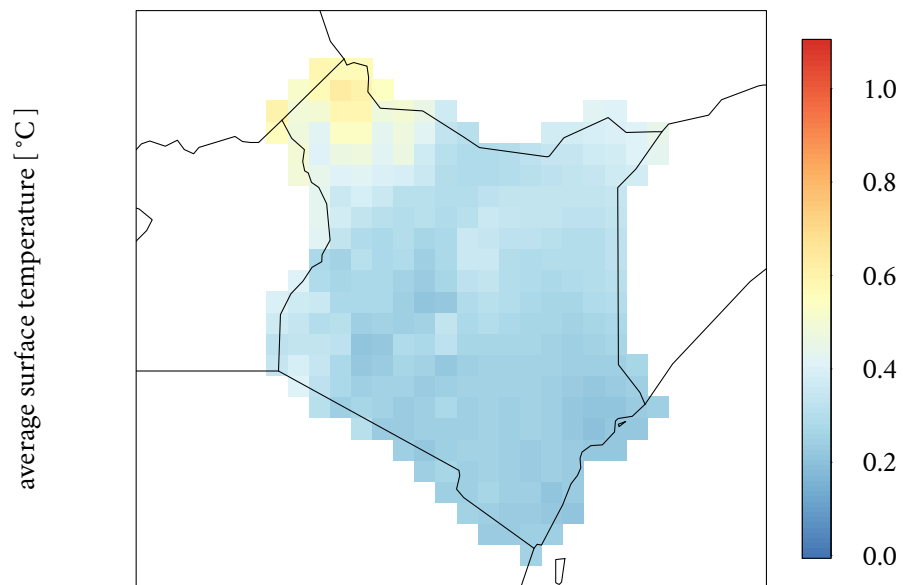


Figure 1258: Mean across years, RCP 2.6, 2060 .. 2089

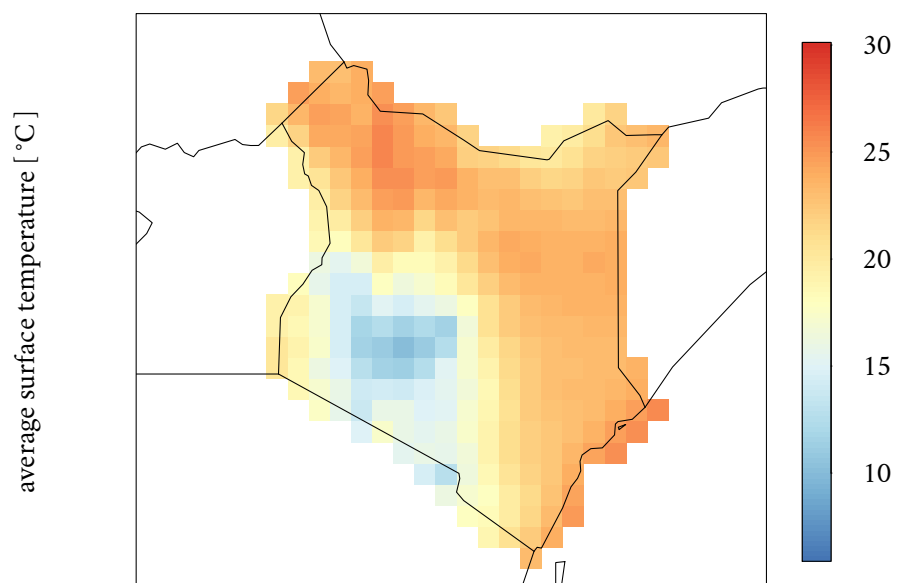


Figure 1259: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

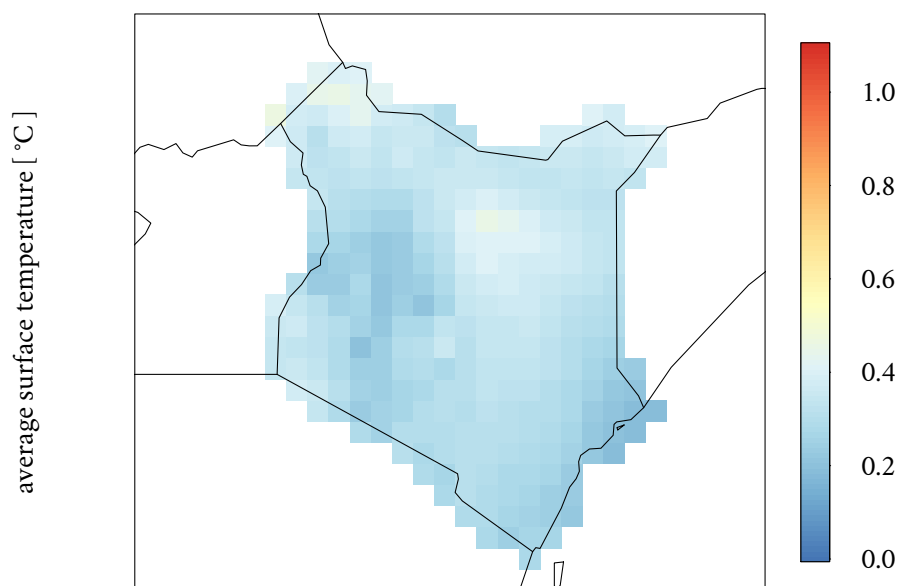
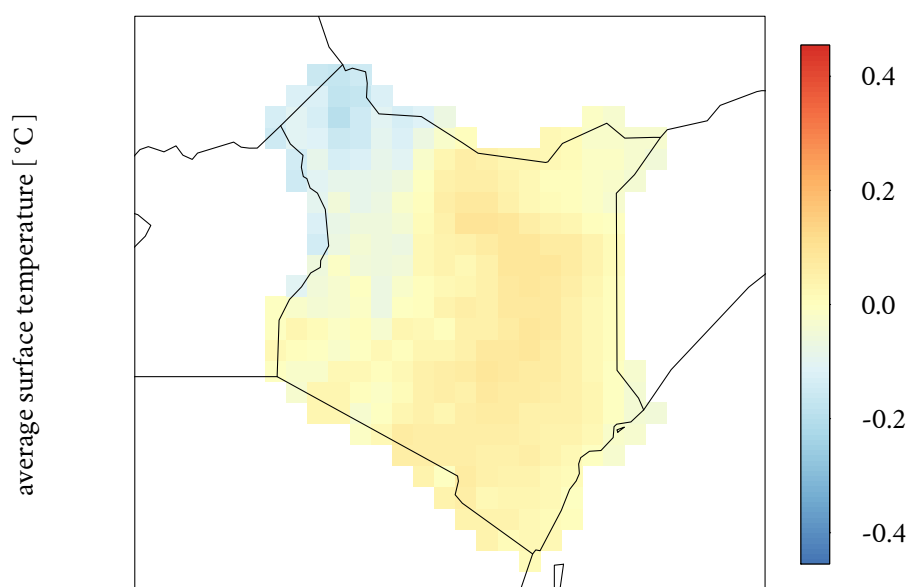


Figure 1260: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.3.10 GCM NOAA-GFDL-GFDL-ESM2G / RCM REMO2009

Figure 1261: Mean across years, RCP 2.6, 2020 .. 2049

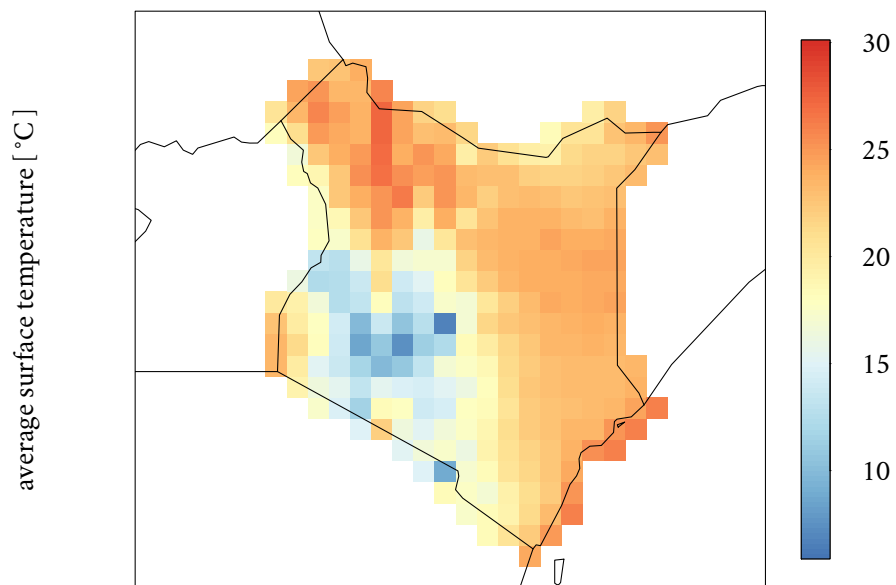


Figure 1262: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

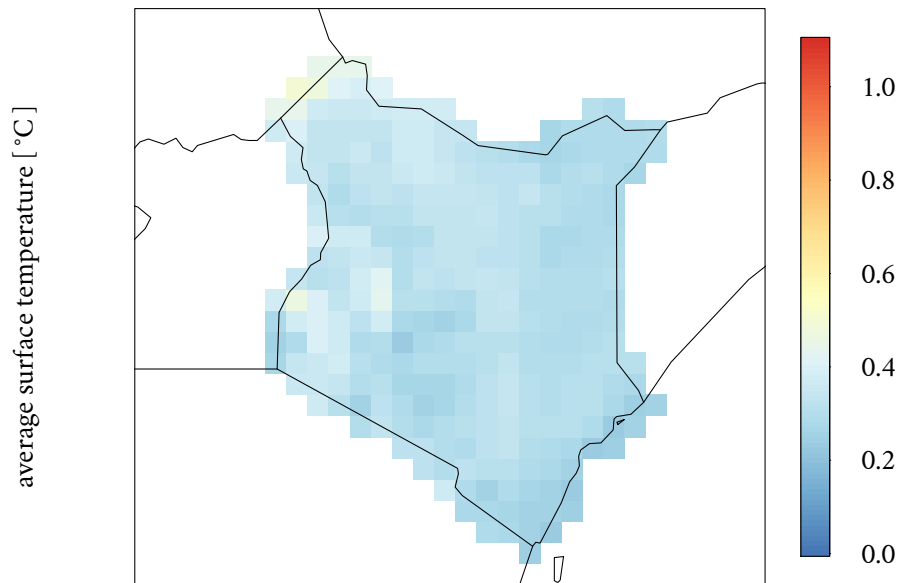


Figure 1263: Mean across years, RCP 2.6, 2060 .. 2089

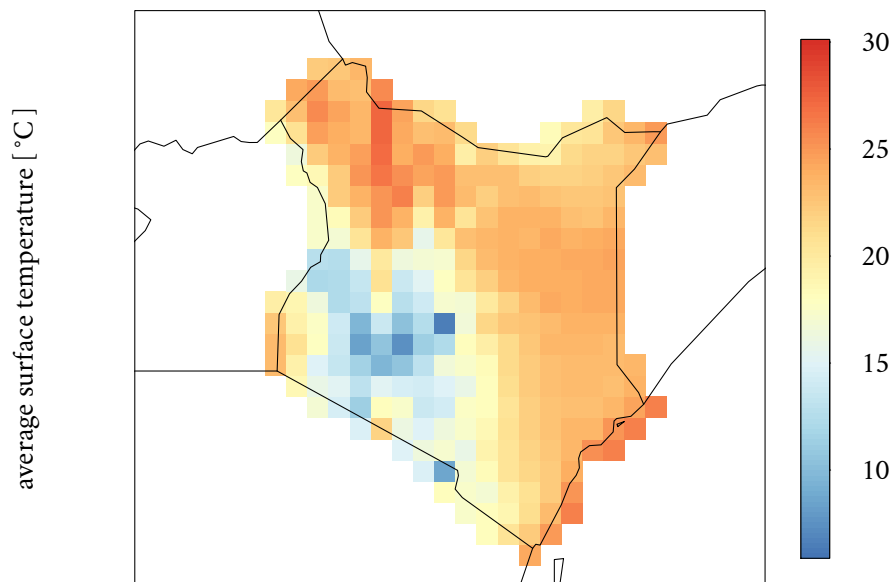


Figure 1264: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

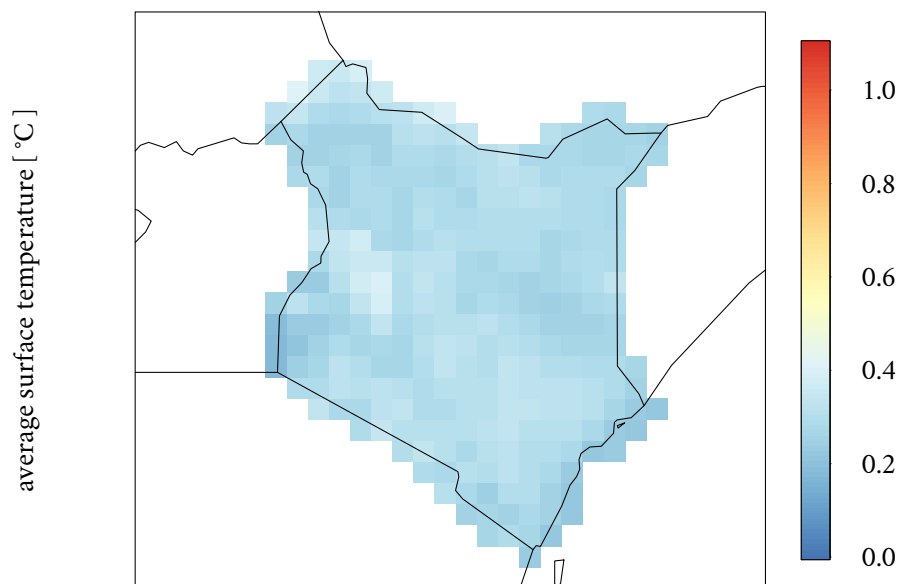
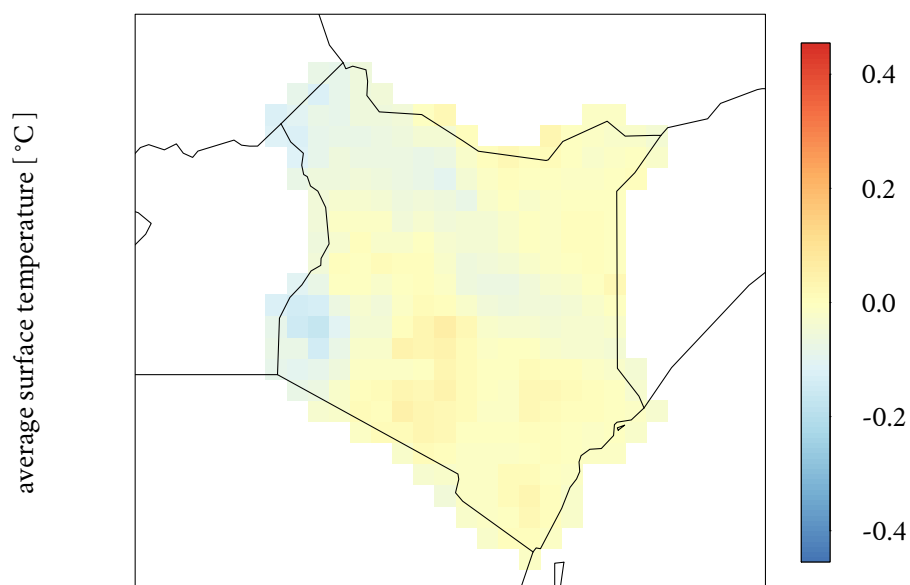


Figure 1265: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



D.4 Kenya / RCP 8.5

D.4.1 GCM CCCma-CanESM2 / RCM RCA4

Figure 1266: Mean across years, RCP 8.5, 2020 .. 2049

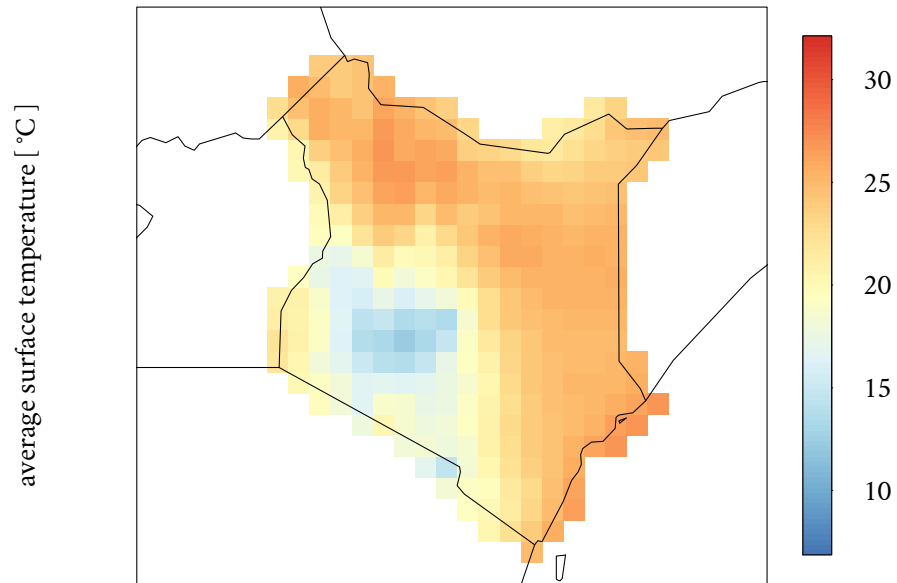


Figure 1267: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

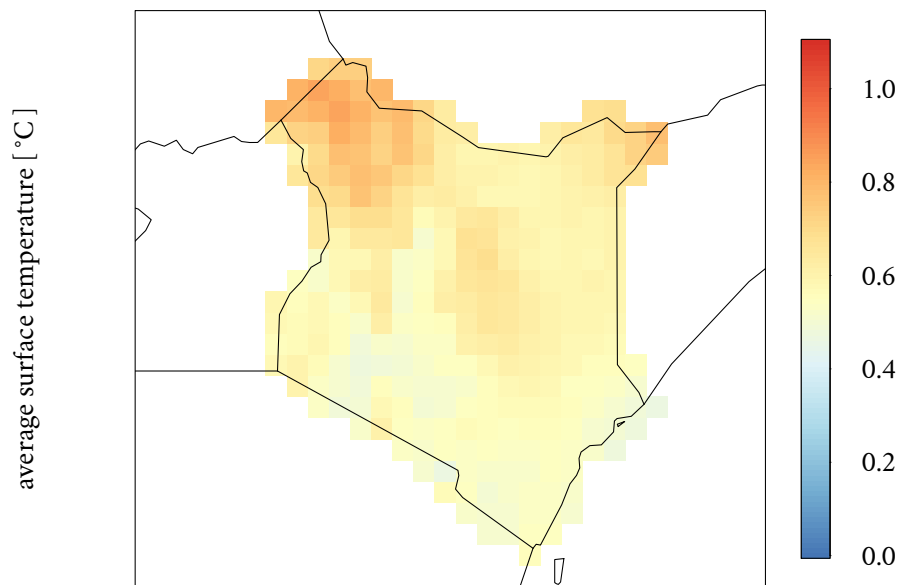


Figure 1268: Mean across years, RCP 8.5, 2060 .. 2089

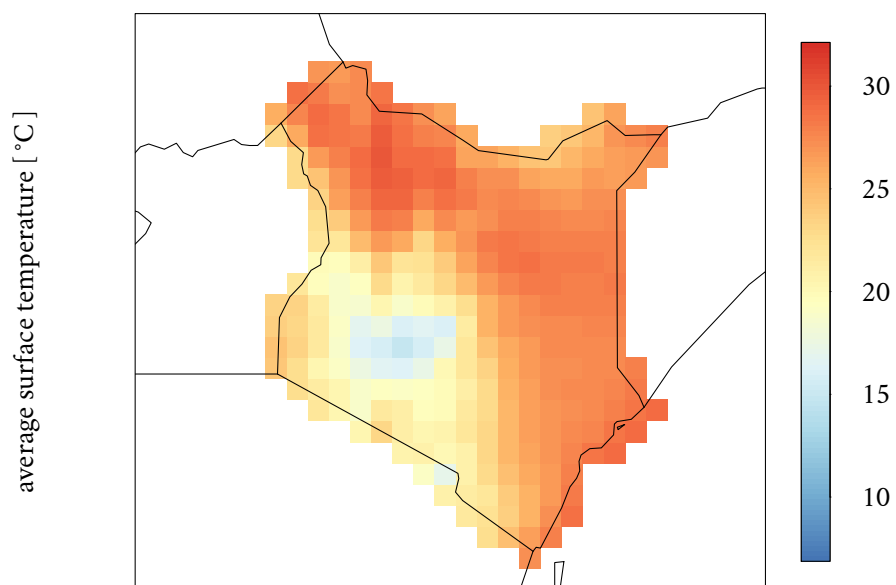


Figure 1269: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

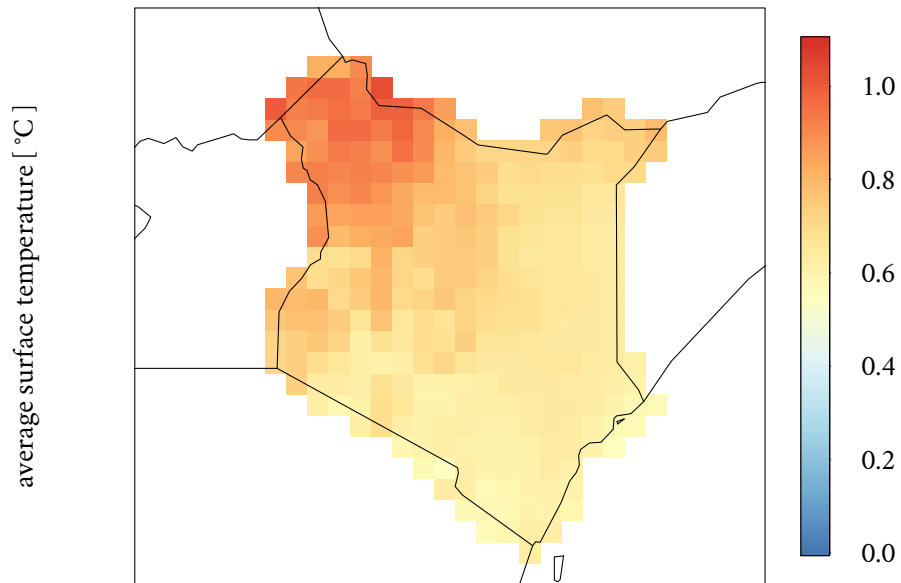
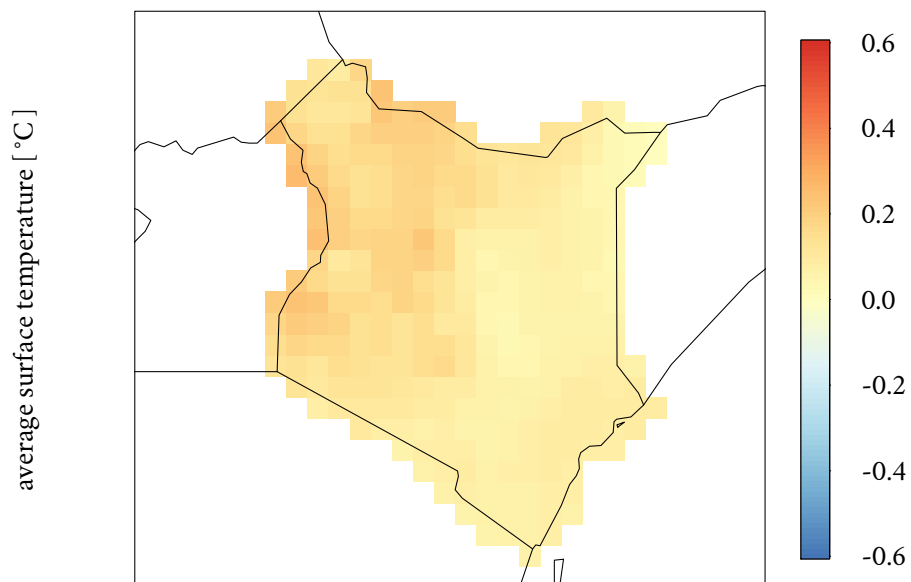


Figure 1270: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.2 GCM CNRM-CERFACS-CNRM-CM5 / RCM CCLM4-8-17

Figure 1271: Mean across years, RCP 8.5, 2020 .. 2049

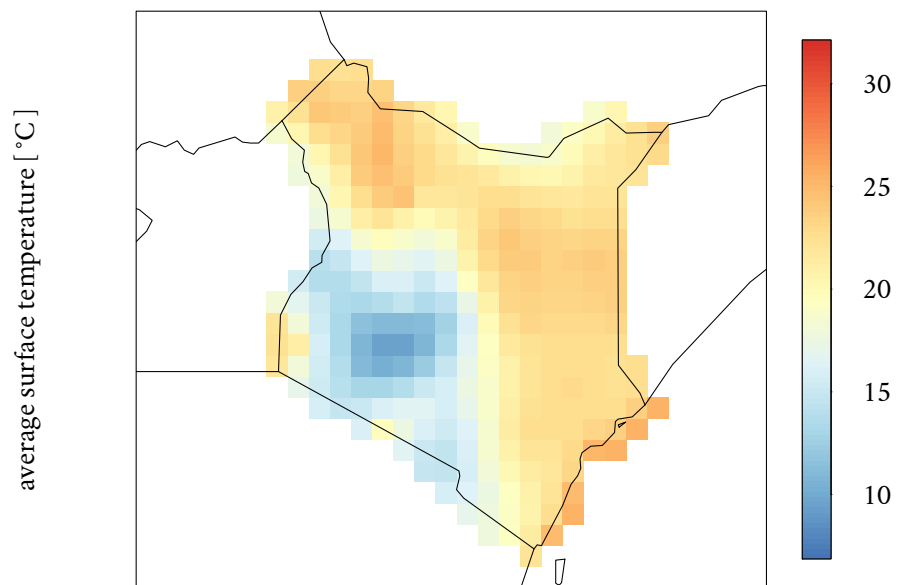


Figure 1272: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

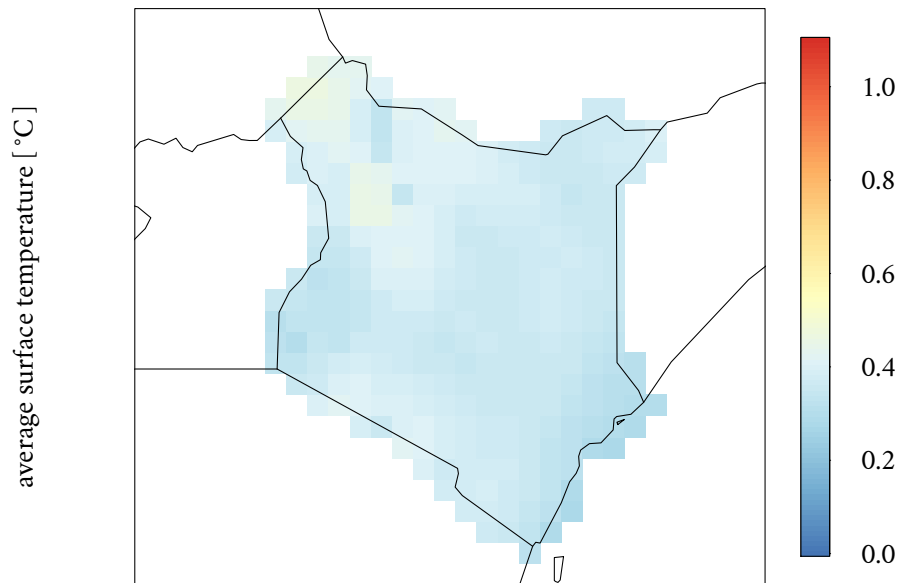


Figure 1273: Mean across years, RCP 8.5, 2060 .. 2089

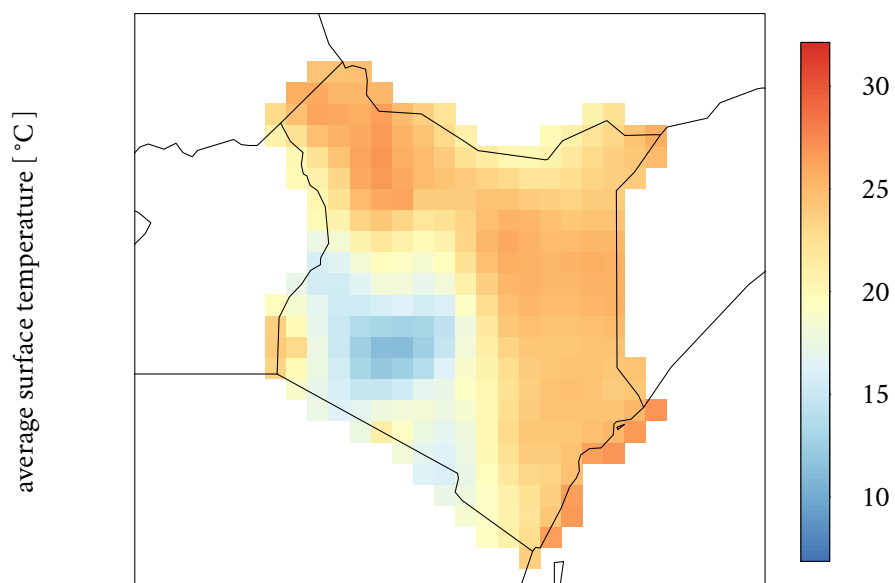


Figure 1274: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

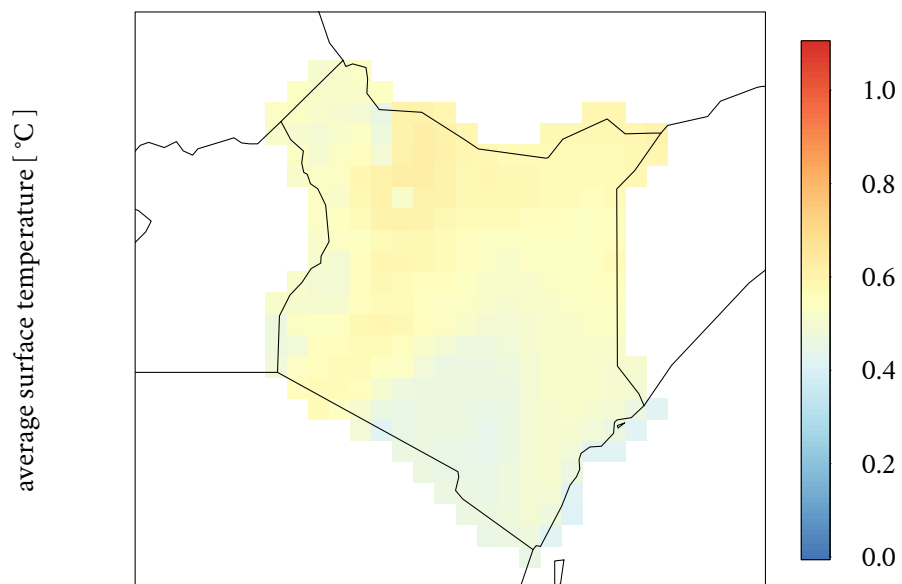
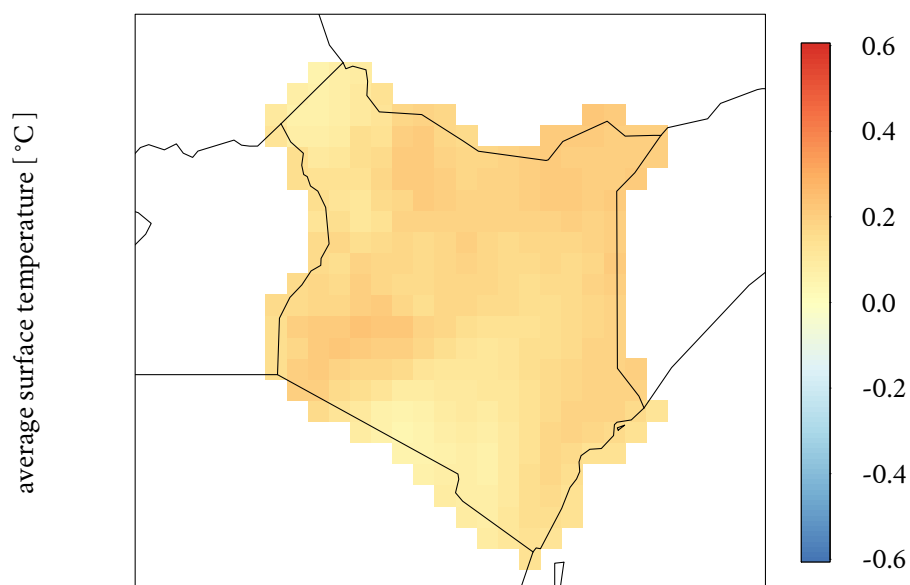


Figure 1275: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.3 GCM CNRM-CERFACS-CNRM-CM5 / RCM RCA4

Figure 1276: Mean across years, RCP 8.5, 2020 .. 2049

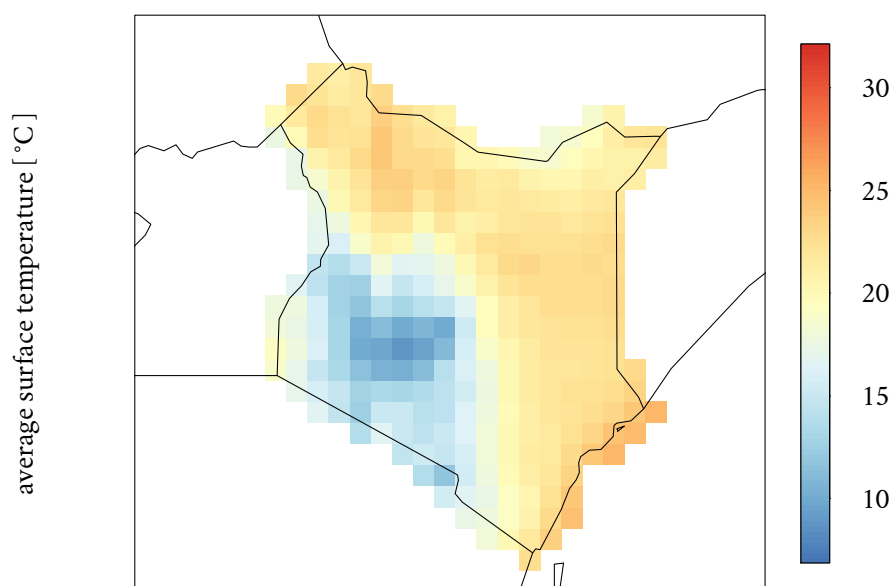


Figure 1277: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

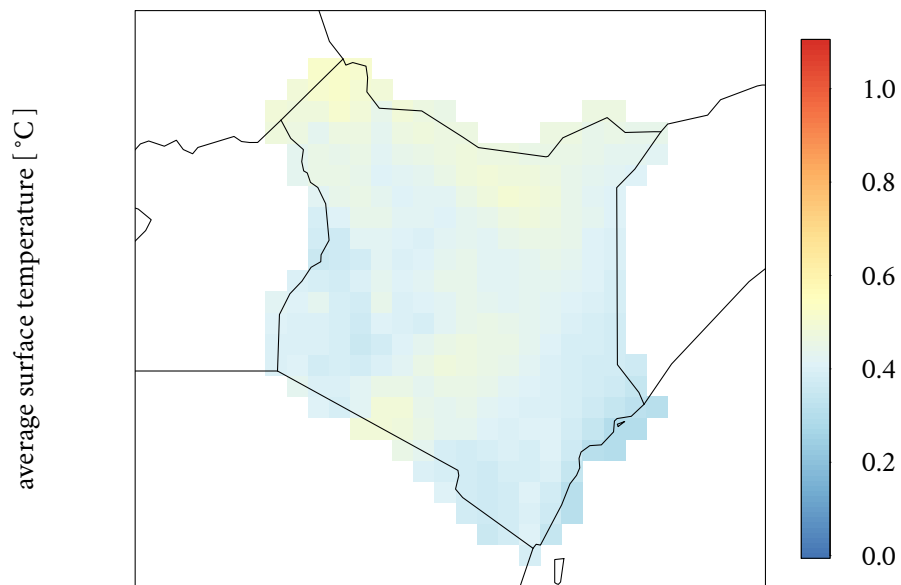


Figure 1278: Mean across years, RCP 8.5, 2060 .. 2089

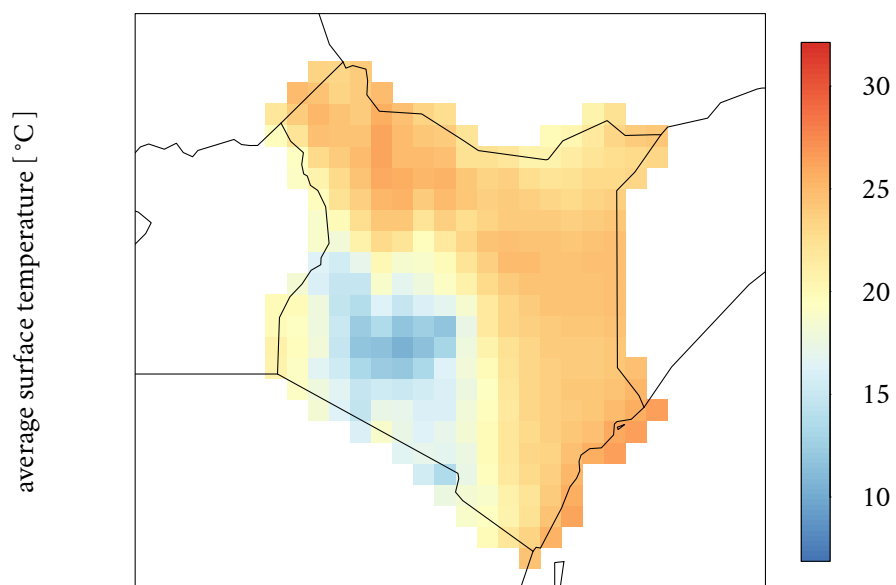


Figure 1279: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

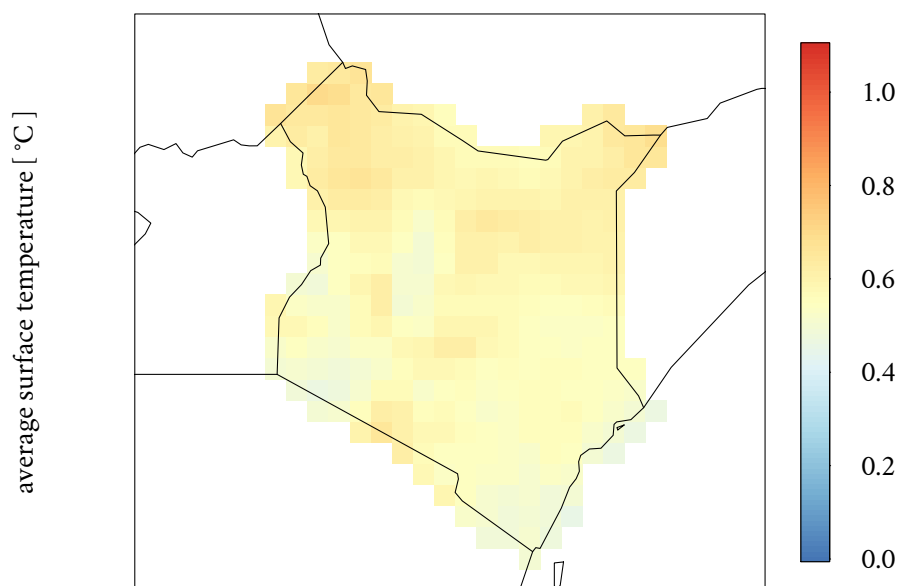
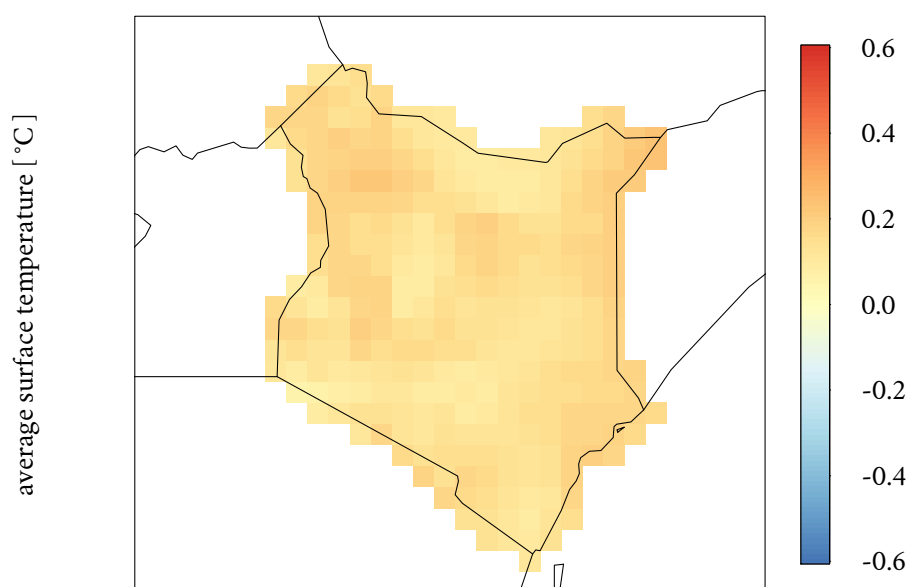


Figure 1280: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.4 GCM CSIRO-QCCCE-CSIRO-Mk3-6-0 / RCM RCA4

Figure 1281: Mean across years, RCP 8.5, 2020 .. 2049

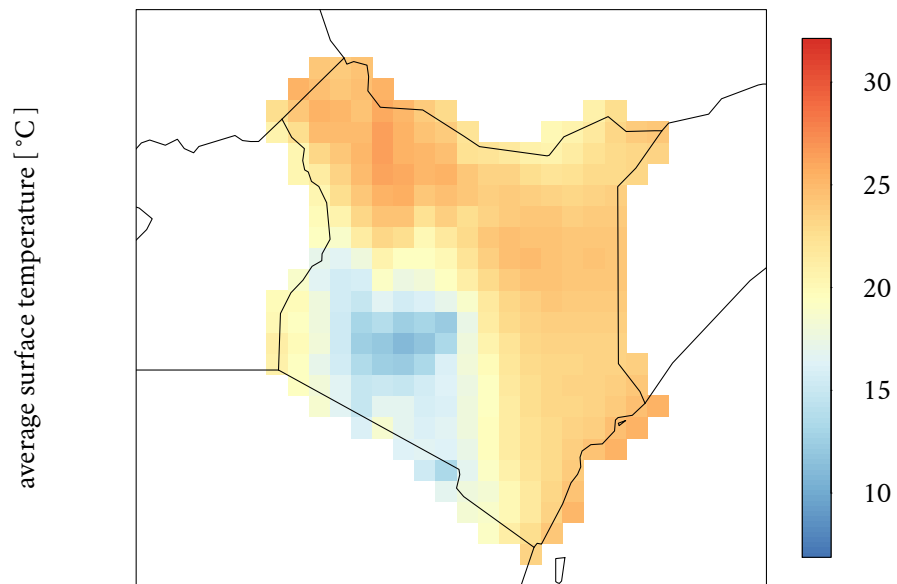


Figure 1282: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

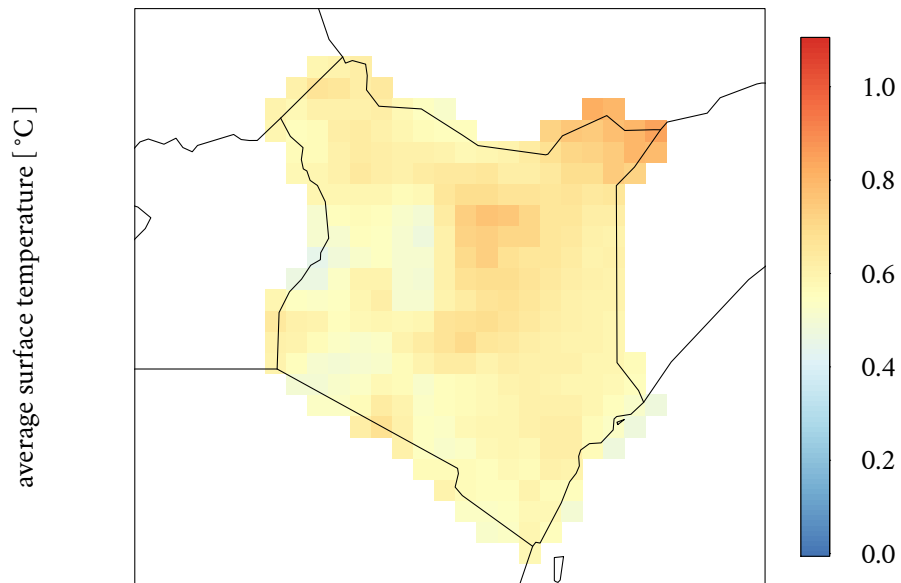


Figure 1283: Mean across years, RCP 8.5, 2060 .. 2089

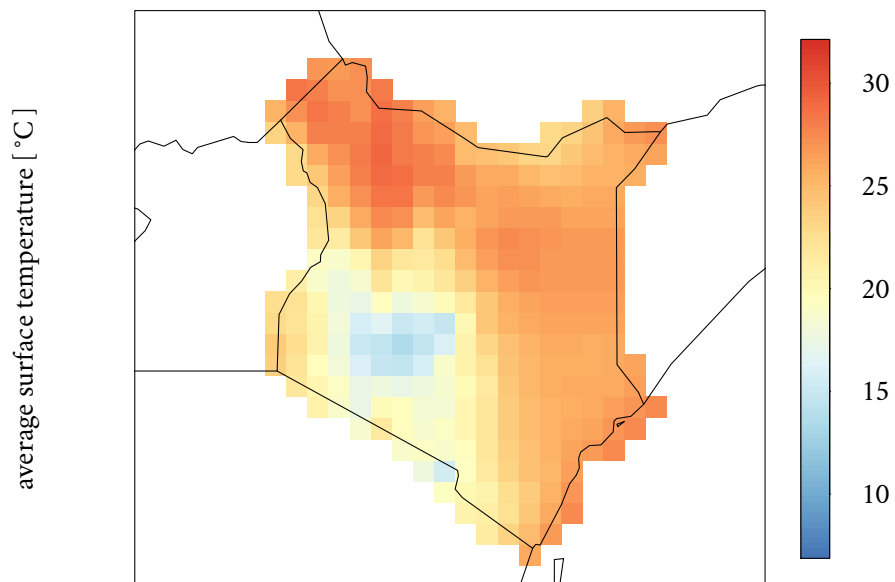


Figure 1284: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

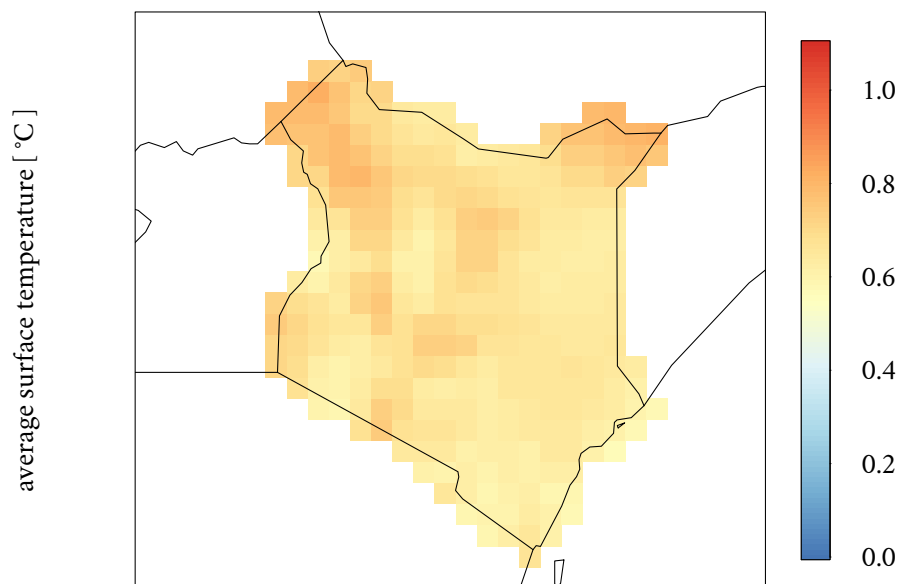
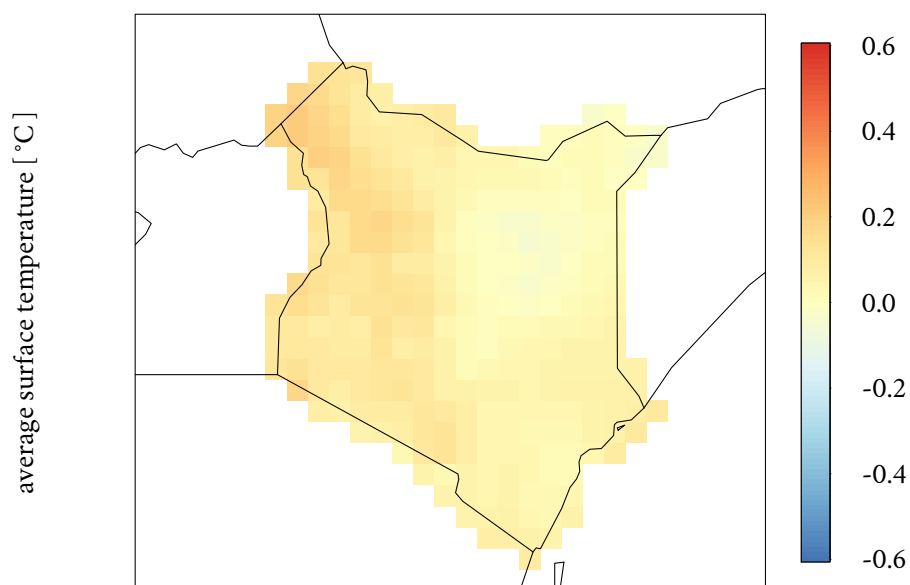


Figure 1285: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.5 GCM ICHEC-EC-EARTH / RCM RACMO22T

Figure 1286: Mean across years, RCP 8.5, 2020 .. 2049

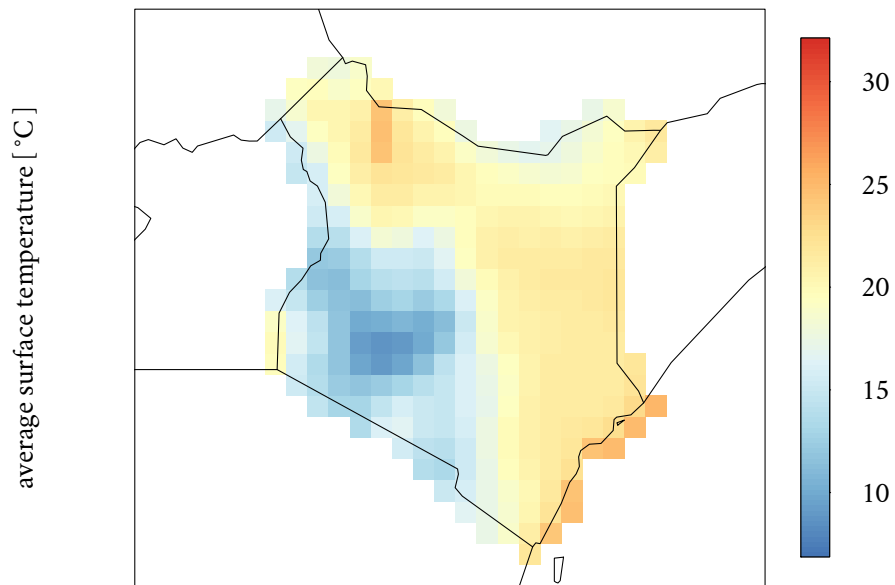


Figure 1287: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

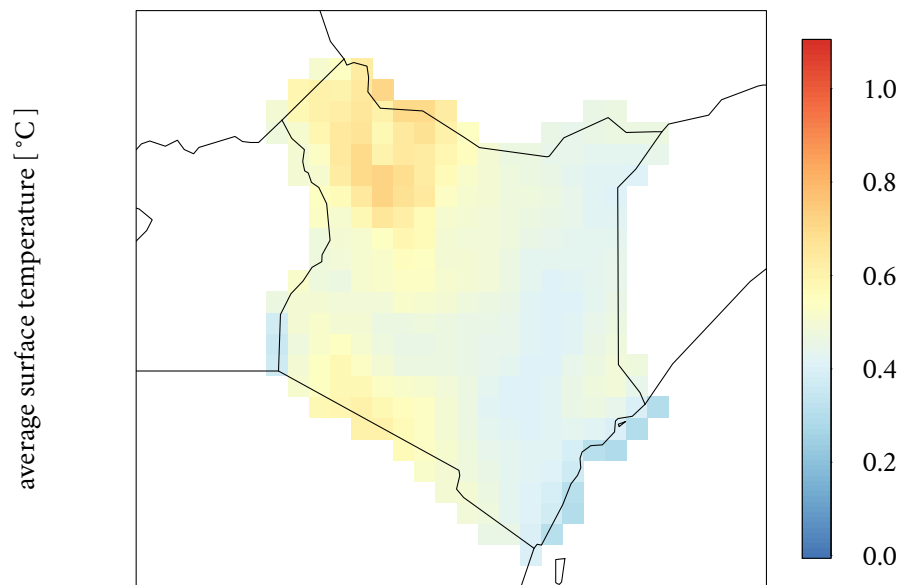


Figure 1288: Mean across years, RCP 8.5, 2060 .. 2089

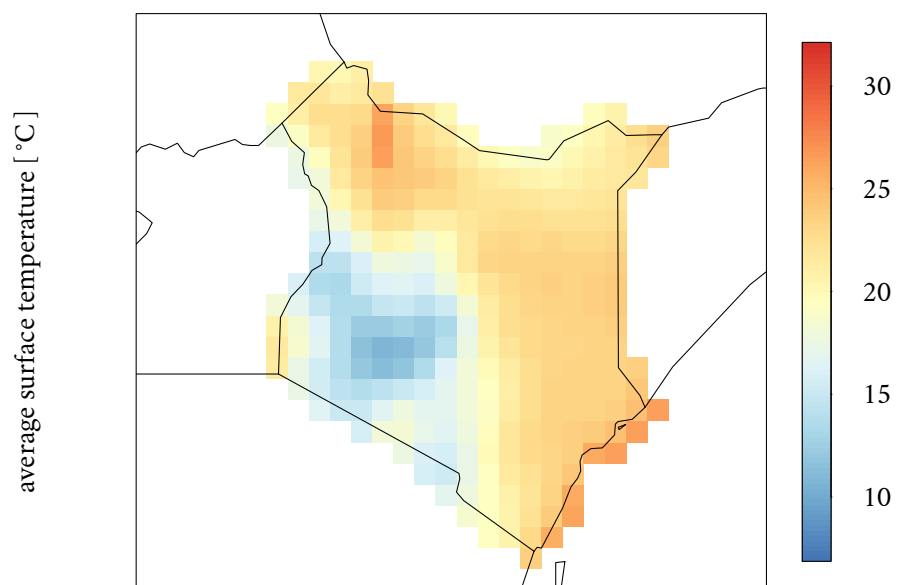


Figure 1289: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

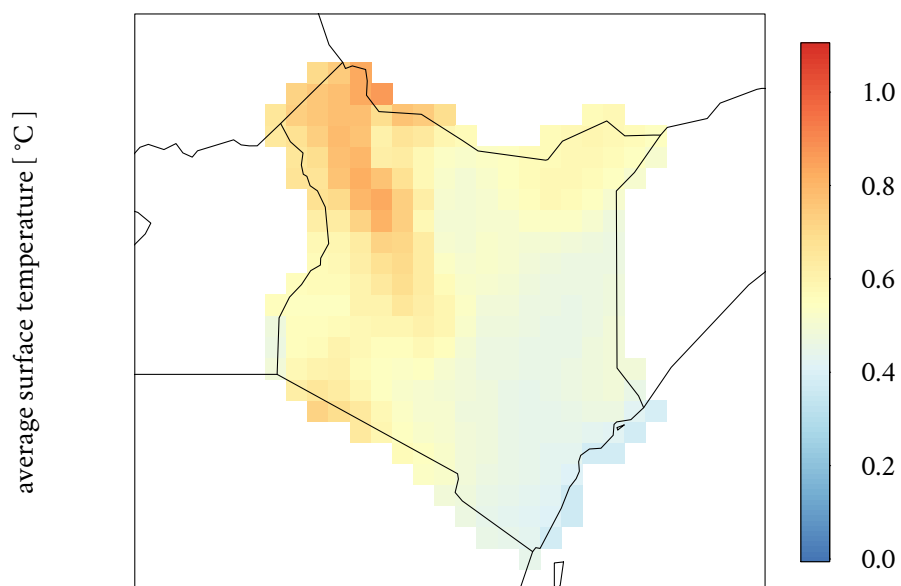
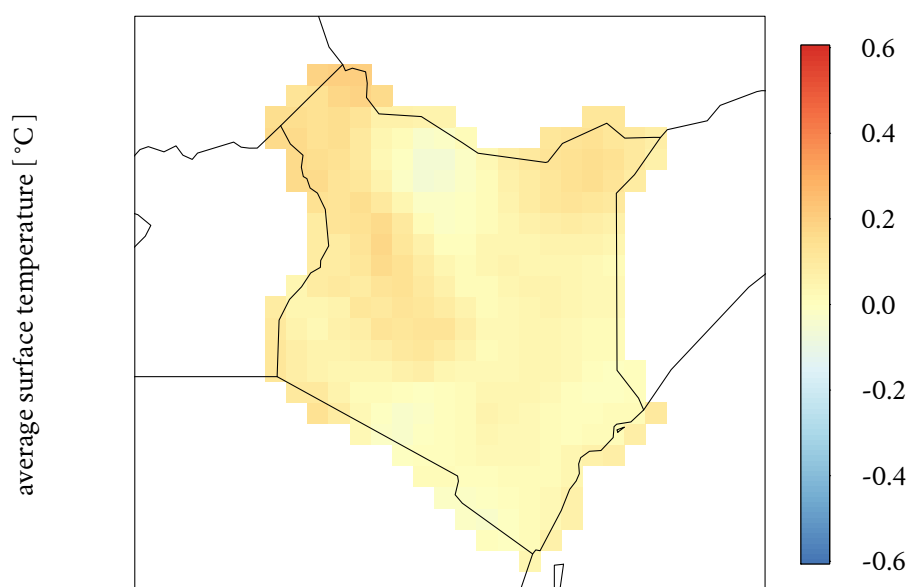


Figure 1290: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.6 GCM ICHEC-EC-EARTH / RCM RCA4

Figure 1291: Mean across years, RCP 8.5, 2020 .. 2049

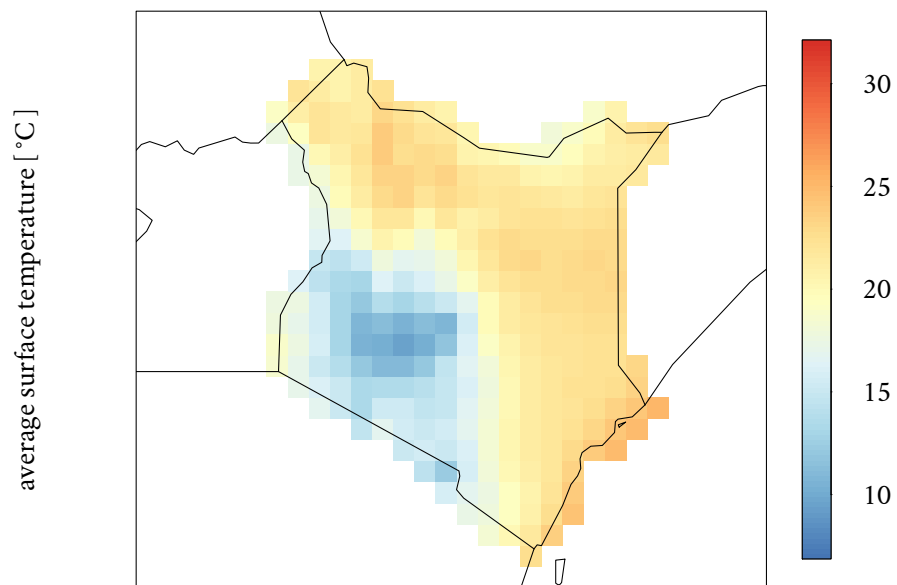


Figure 1292: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

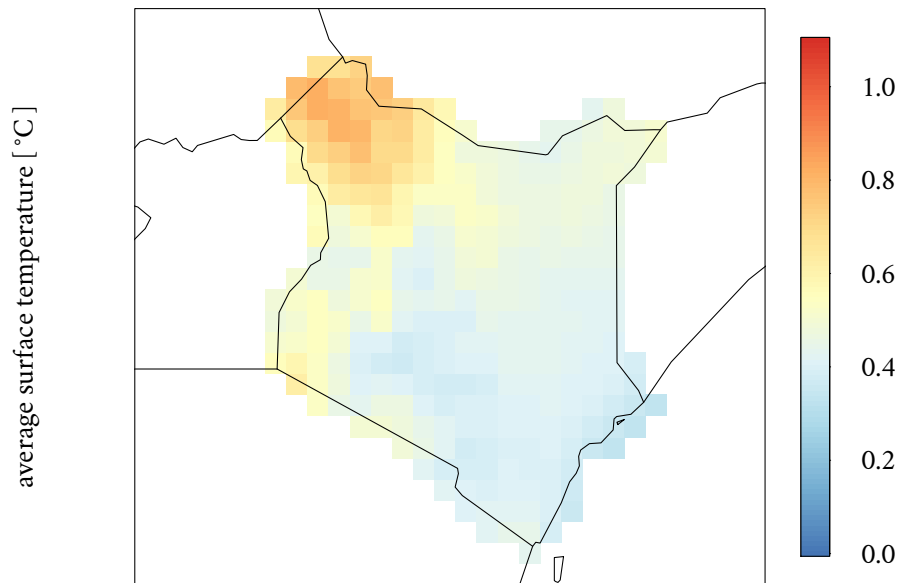


Figure 1293: Mean across years, RCP 8.5, 2060 .. 2089

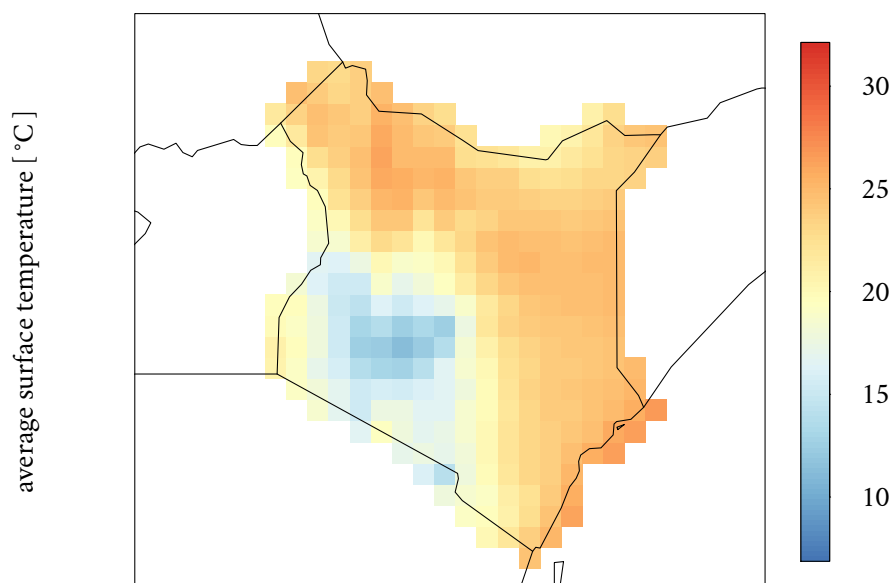


Figure 1294: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

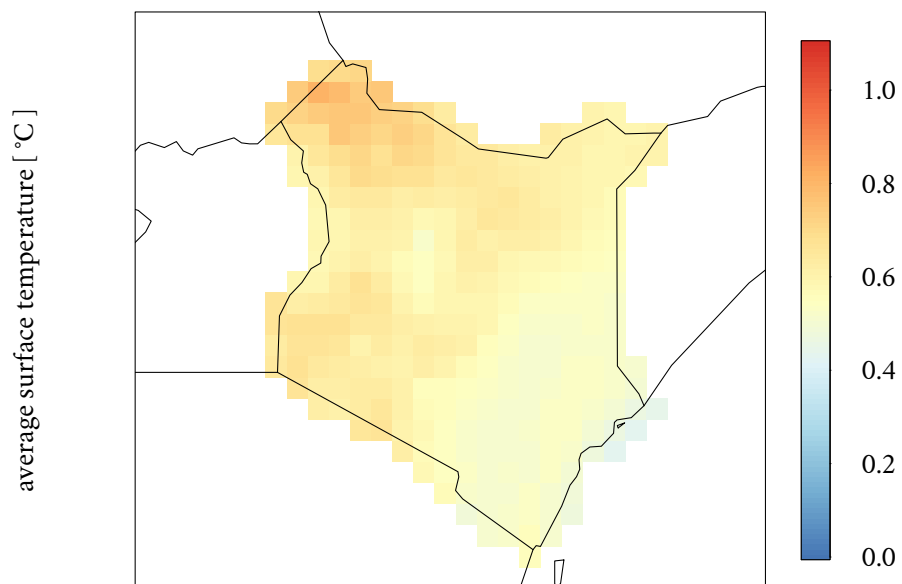
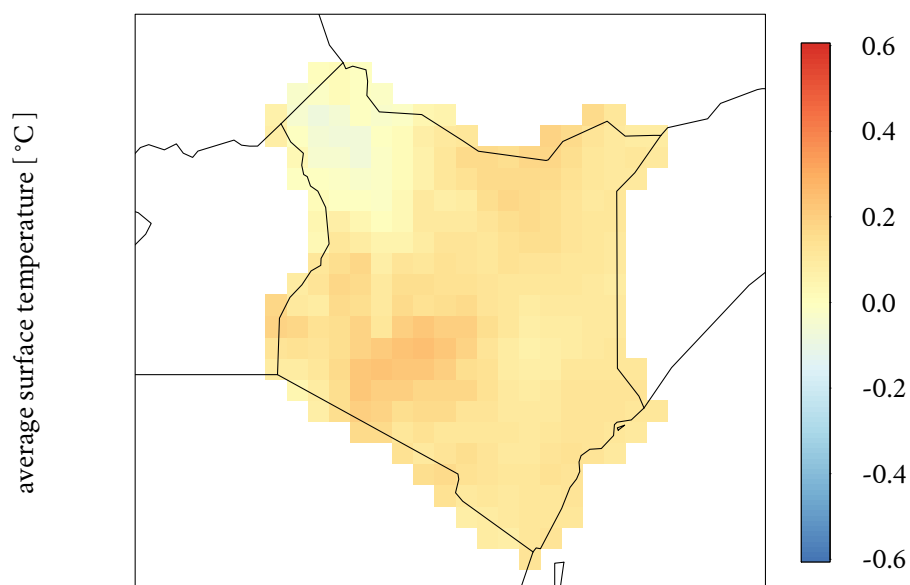


Figure 1295: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.7 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 1296: Mean across years, RCP 8.5, 2020 .. 2049

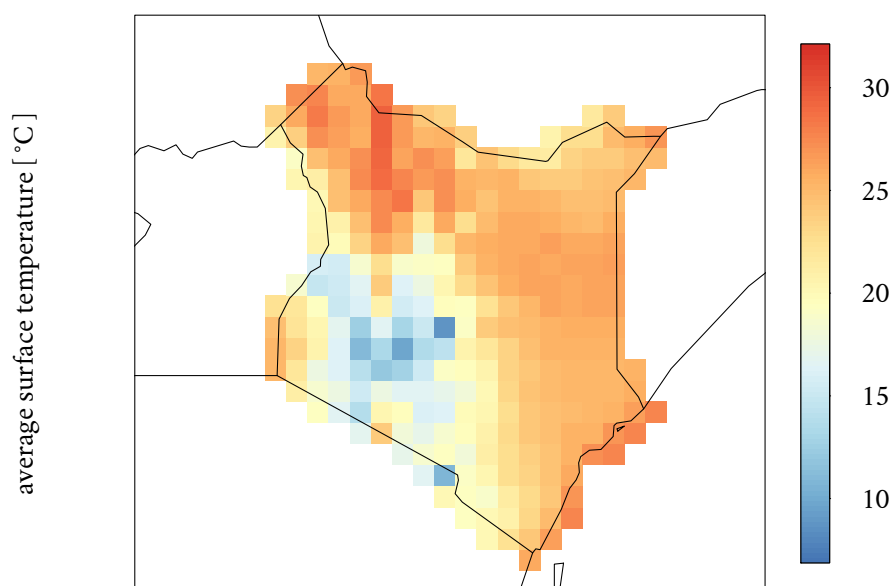


Figure 1297: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

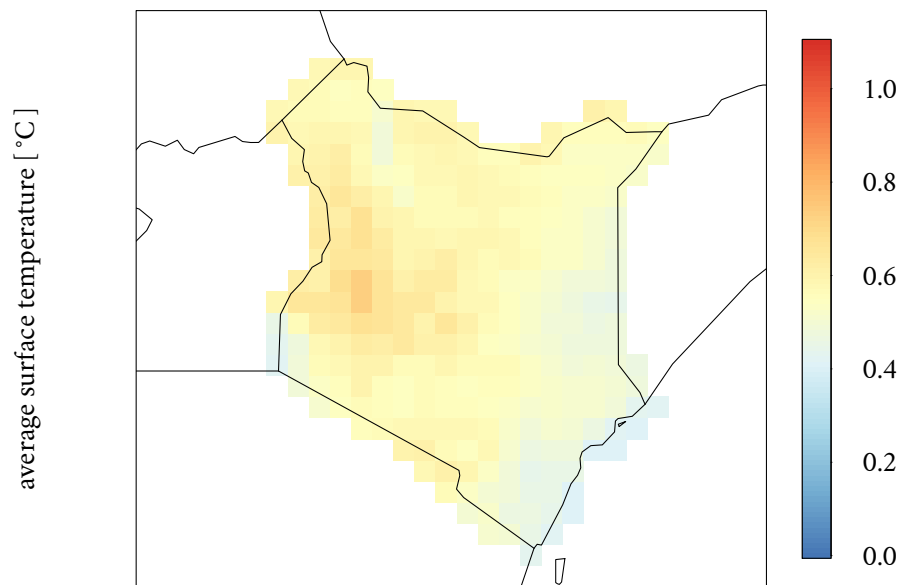


Figure 1298: Mean across years, RCP 8.5, 2060 .. 2089

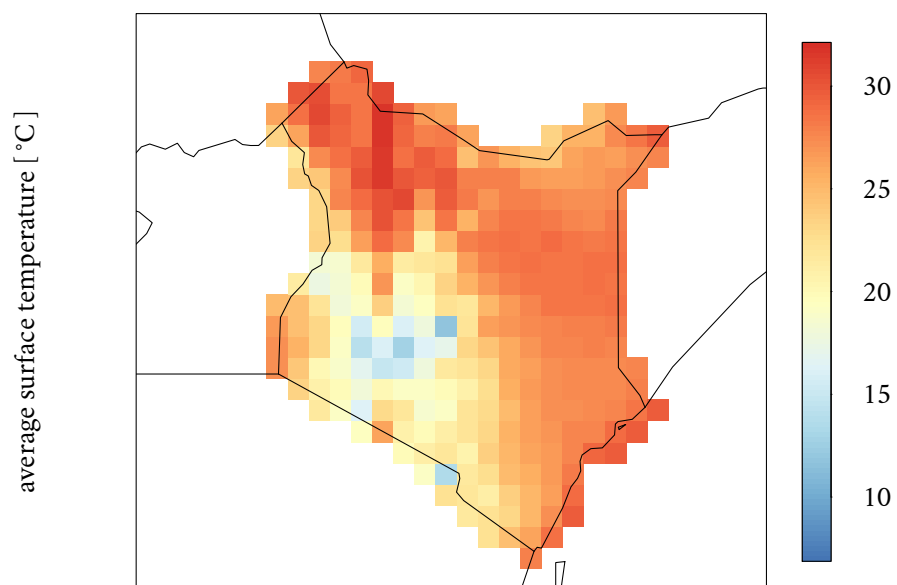


Figure 1299: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

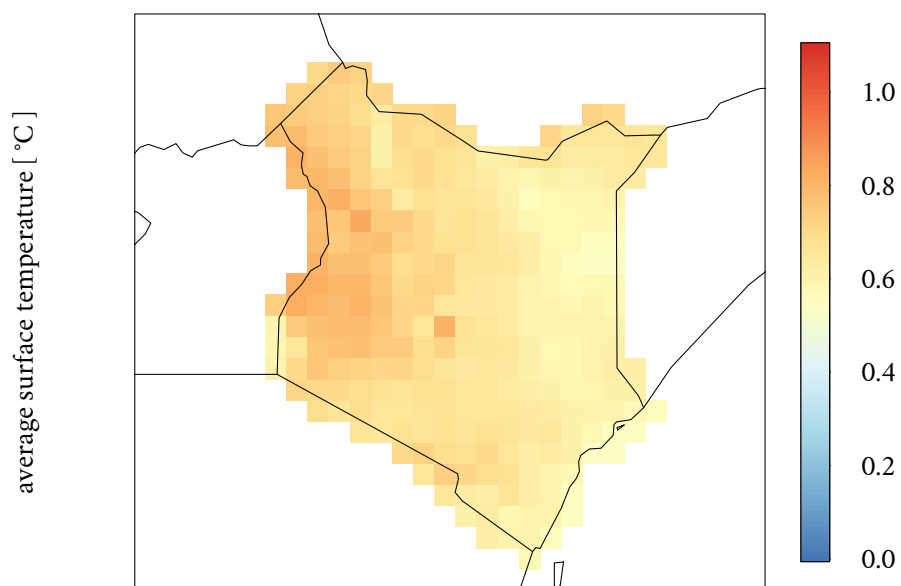
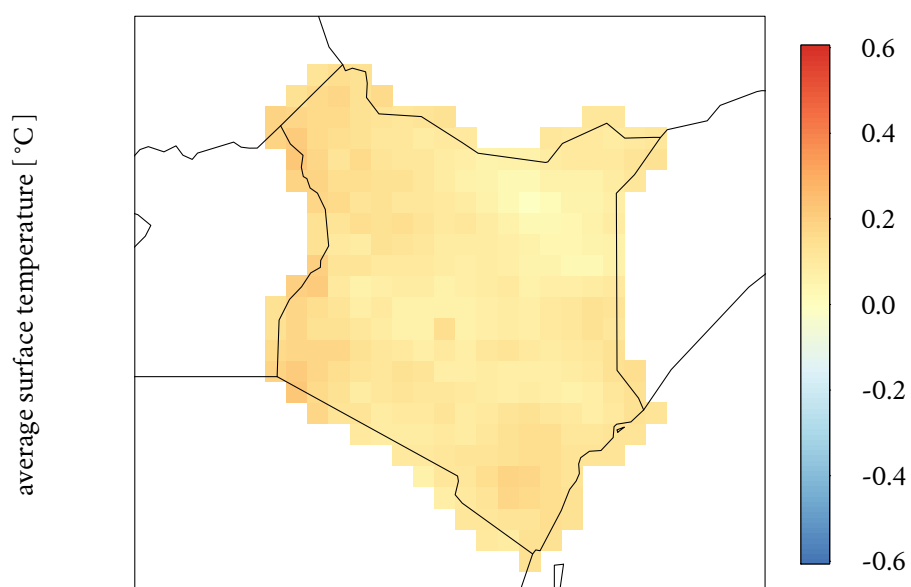


Figure 1300: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.8 GCM IPSL-IPSL-CM5A-MR / RCM RCA4

Figure 1301: Mean across years, RCP 8.5, 2020 .. 2049

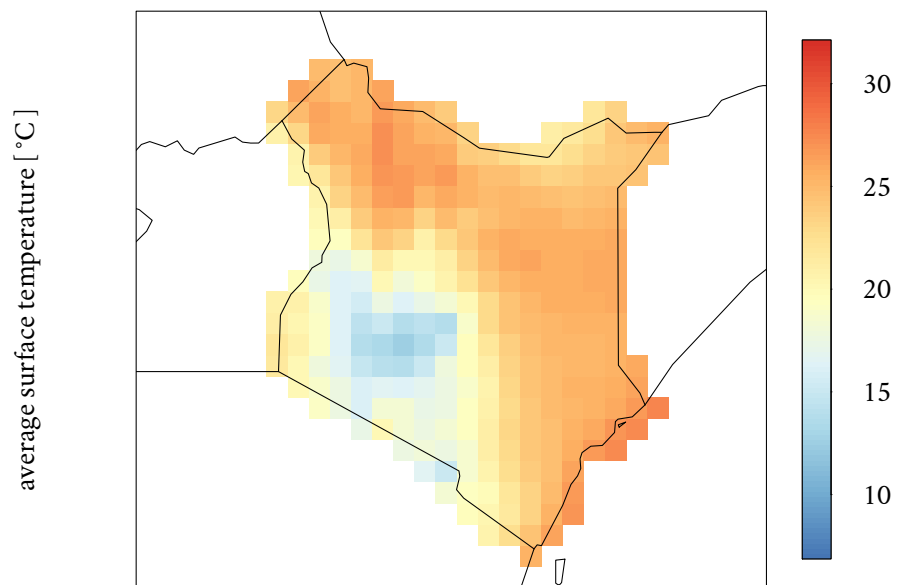


Figure 1302: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

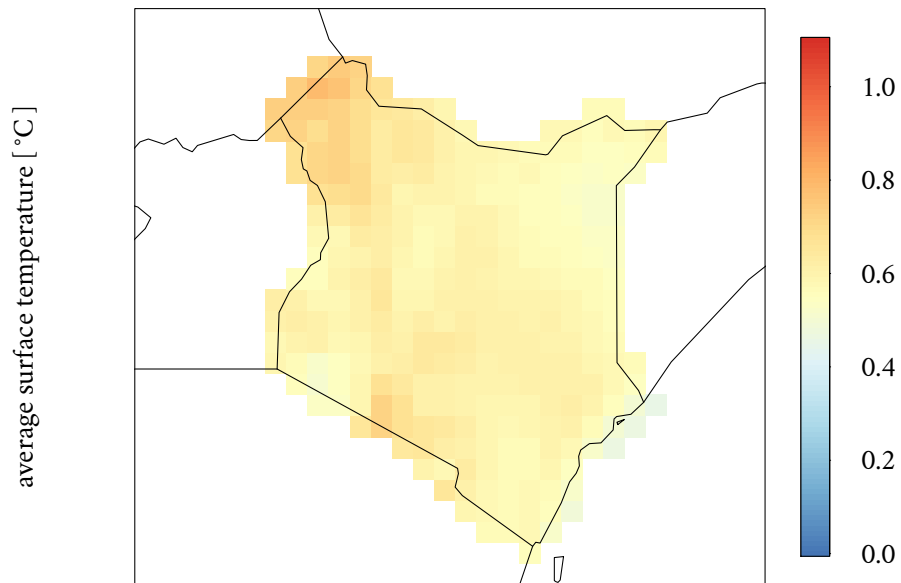


Figure 1303: Mean across years, RCP 8.5, 2060 .. 2089

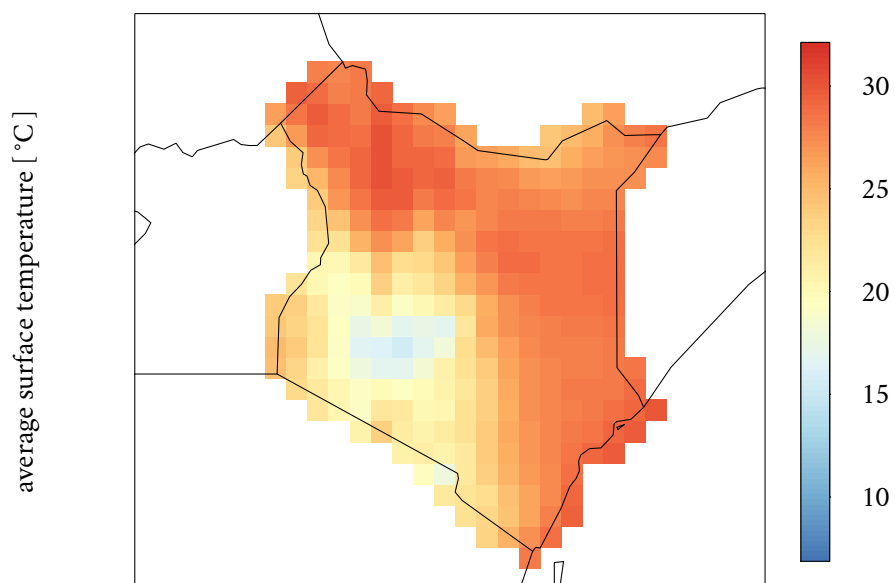


Figure 1304: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

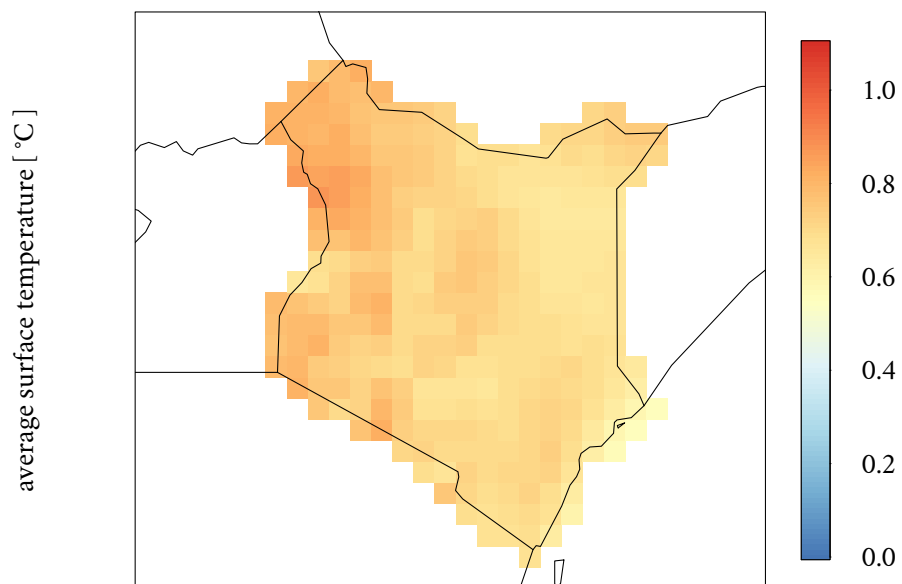
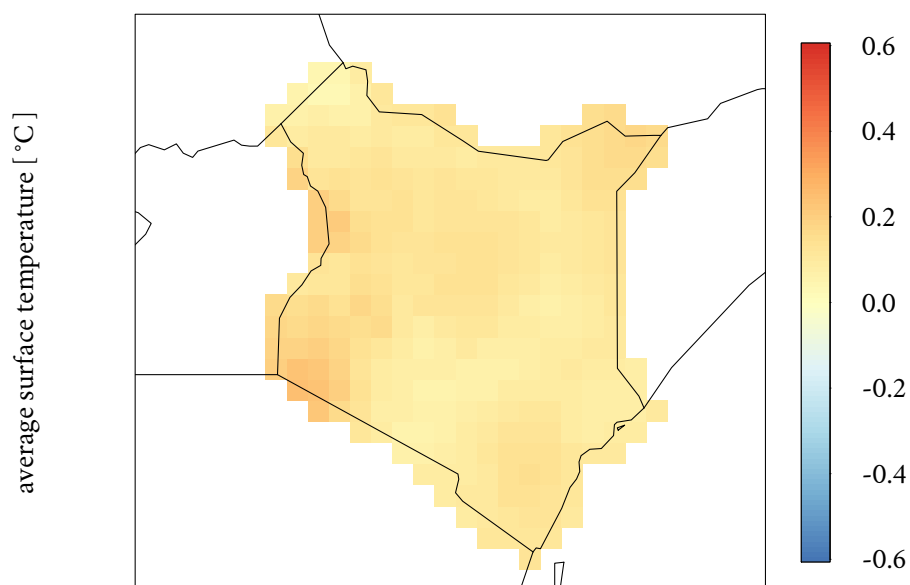


Figure 1305: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.9 GCM MIROC-MIROC5 / RCM RCA4

Figure 1306: Mean across years, RCP 8.5, 2020 .. 2049

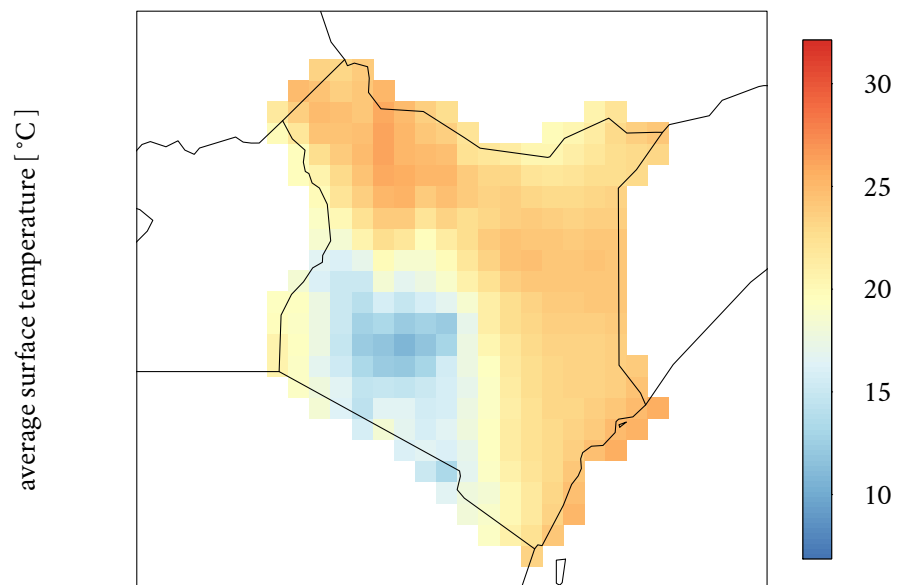


Figure 1307: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

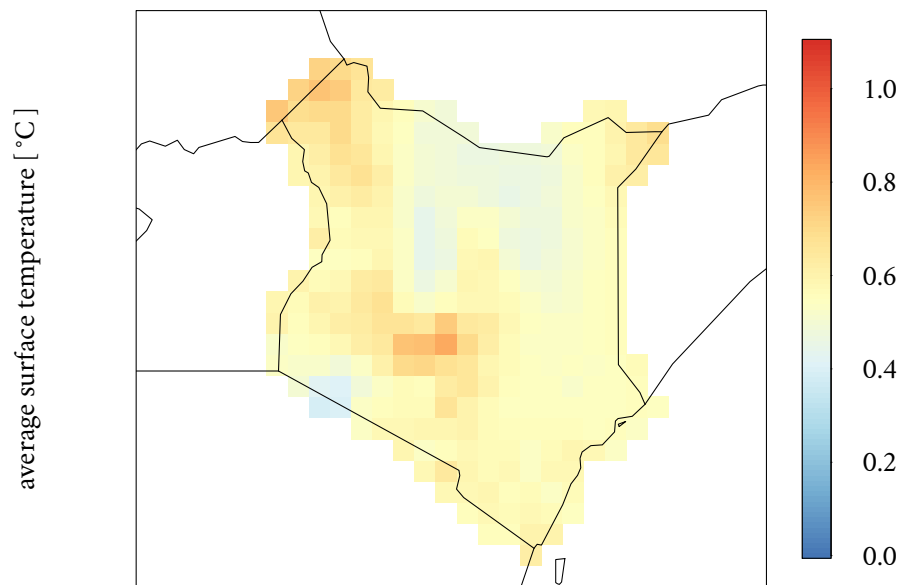


Figure 1308: Mean across years, RCP 8.5, 2060 .. 2089

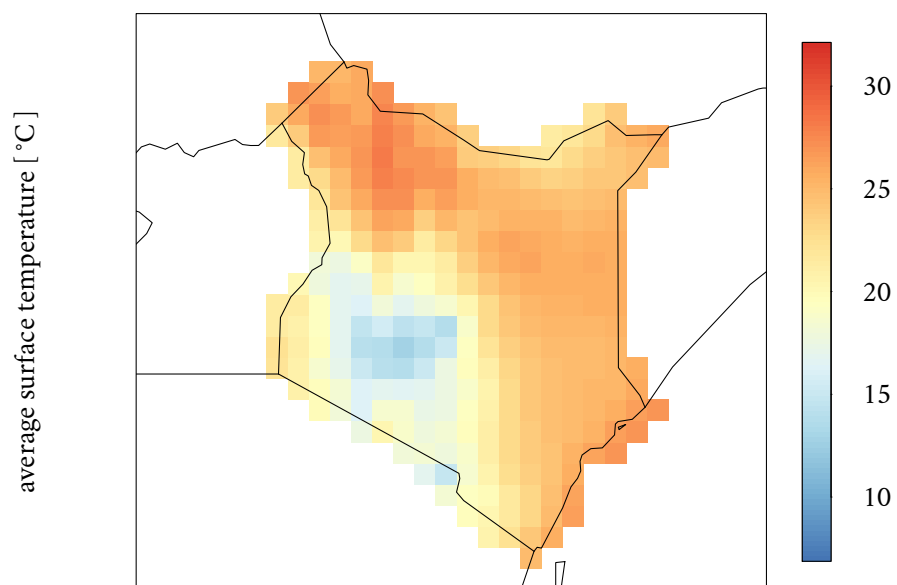


Figure 1309: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

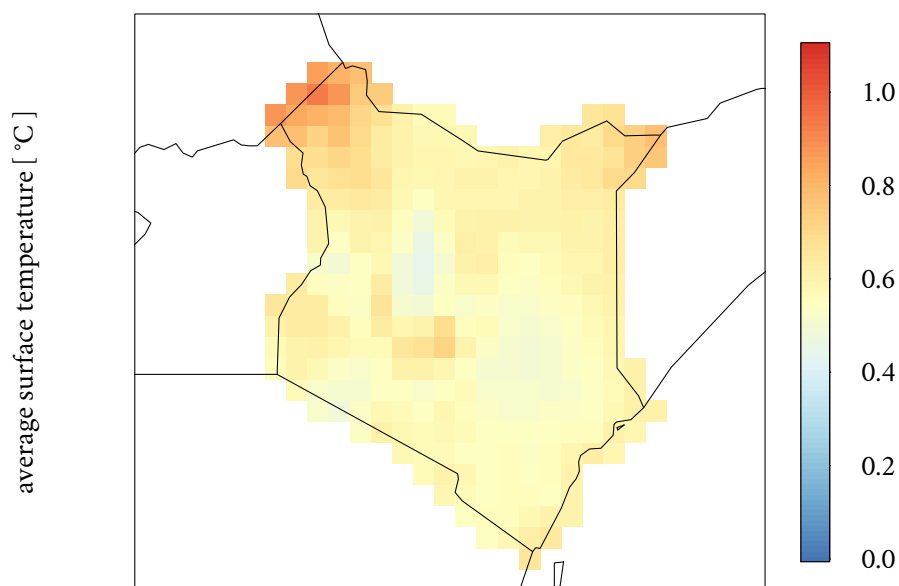
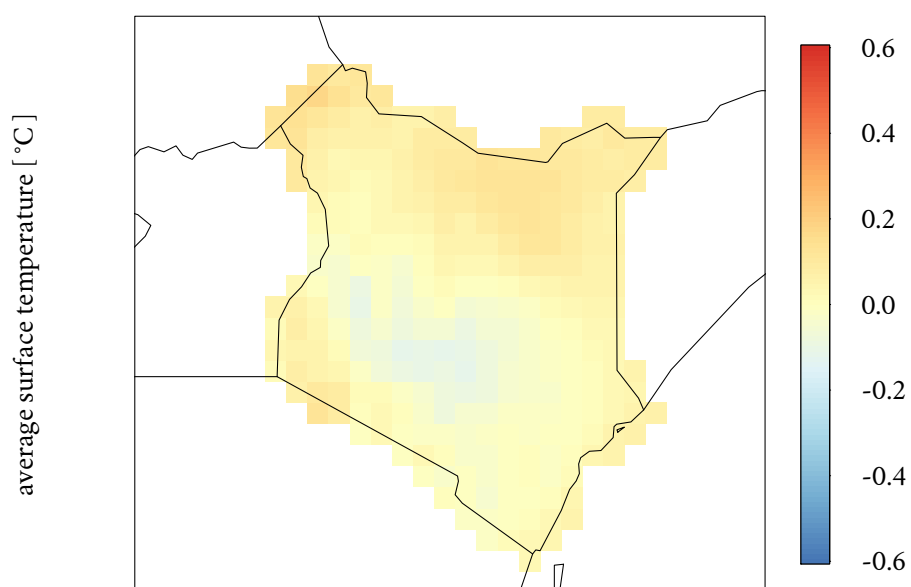


Figure 1310: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.10 GCM MIROC-MIROC5 / RCM REMO2009

Figure 1311: Mean across years, RCP 8.5, 2020 .. 2049

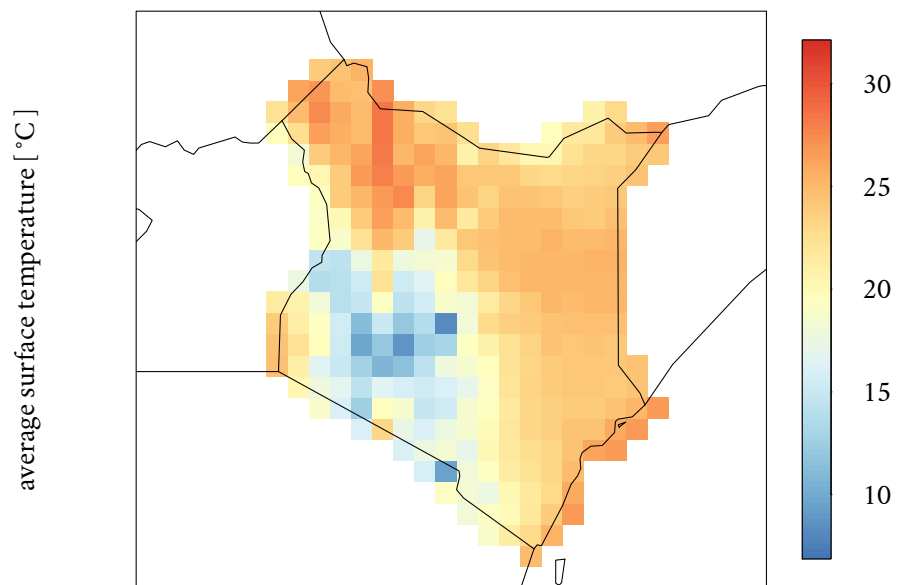


Figure 1312: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

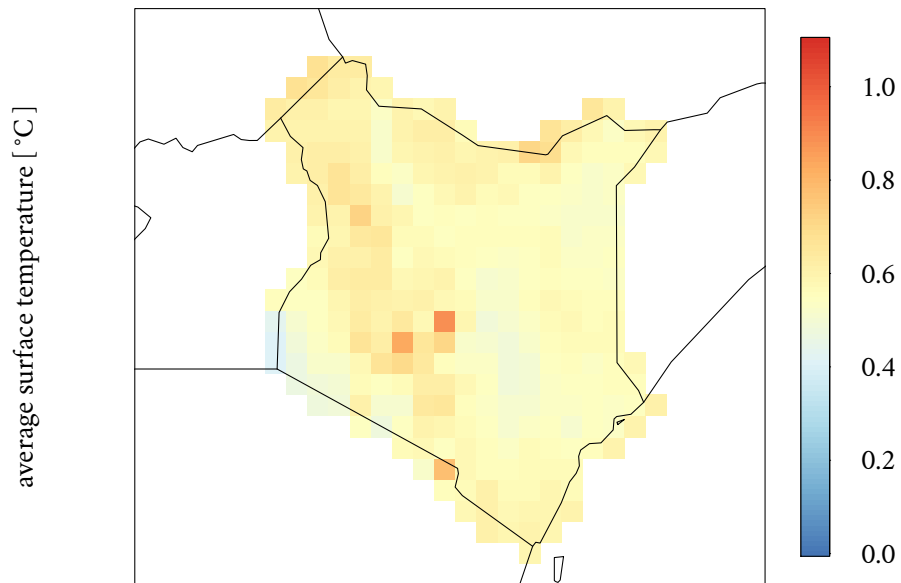


Figure 1313: Mean across years, RCP 8.5, 2060 .. 2089

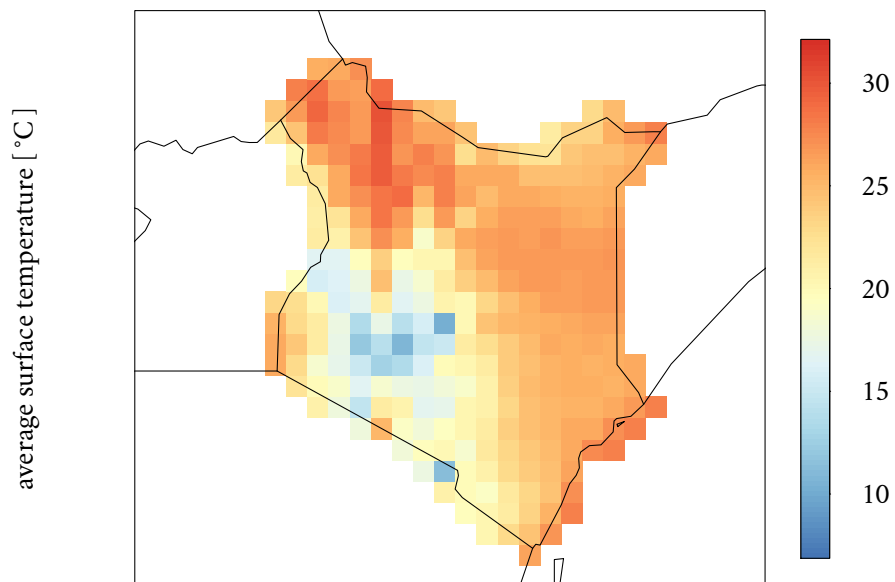


Figure 1314: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

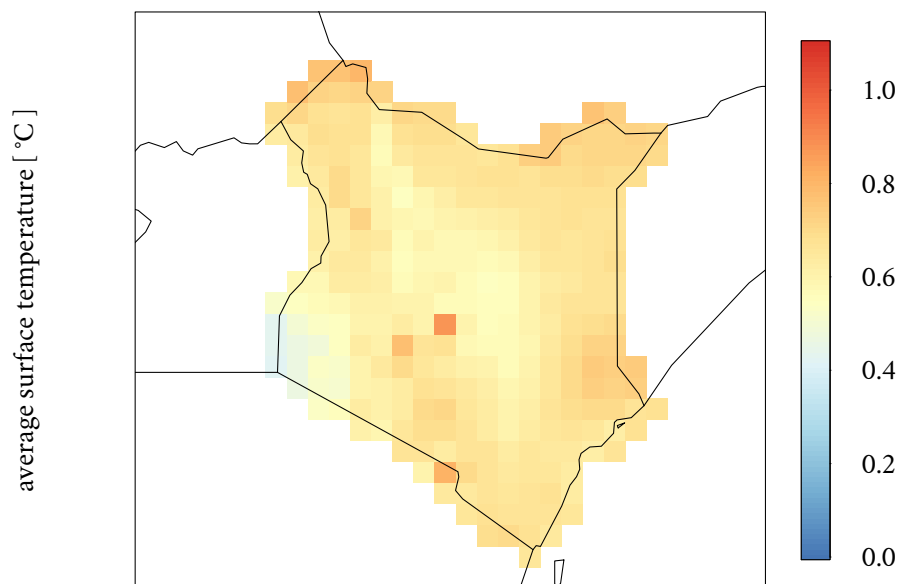
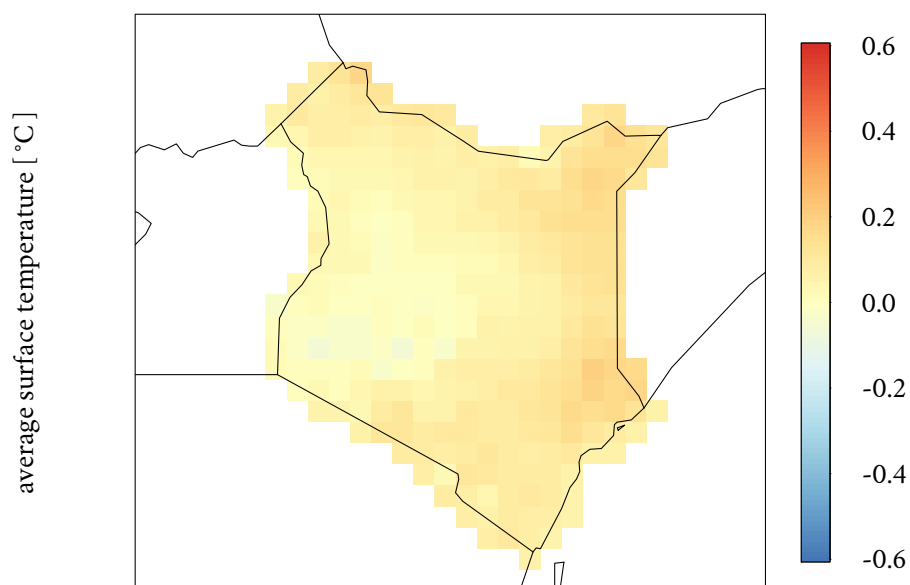


Figure 1315: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.11 GCM MOHC-HadGEM2-ES / RCM CCLM4-8-17

Figure 1316: Mean across years, RCP 8.5, 2020 .. 2049

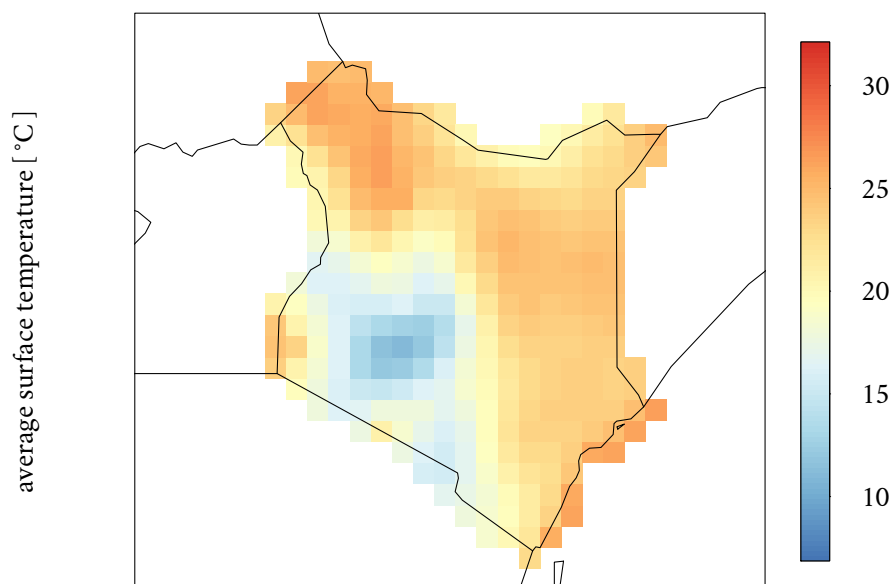


Figure 1317: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

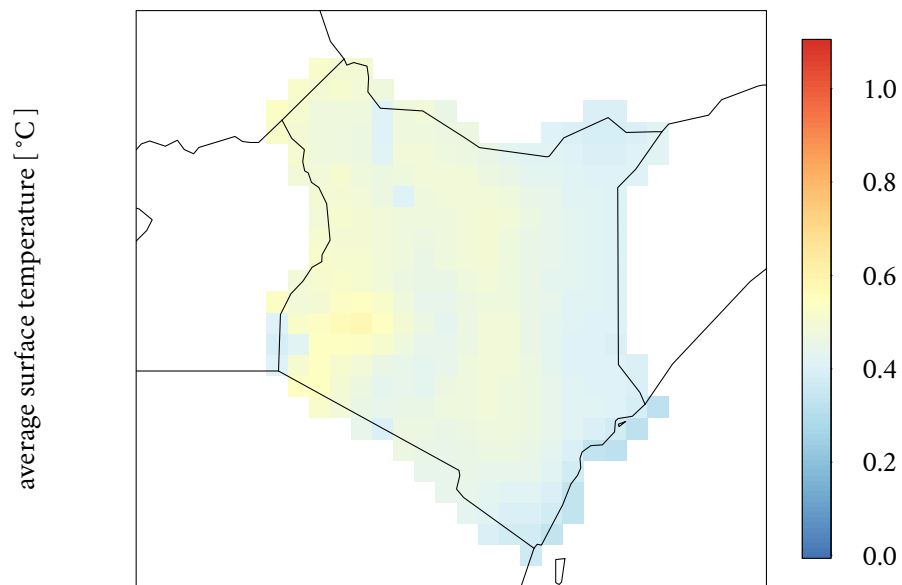


Figure 1318: Mean across years, RCP 8.5, 2060 .. 2089

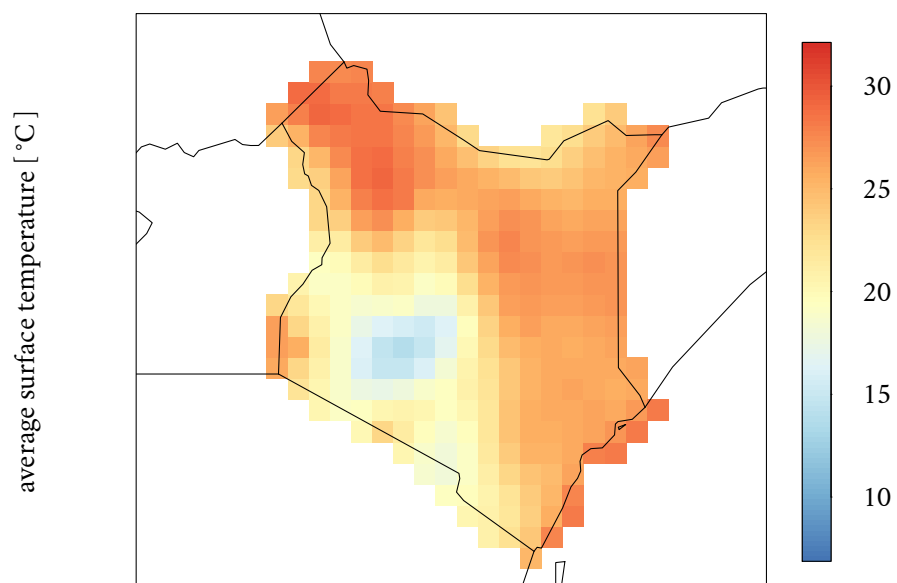


Figure 1319: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

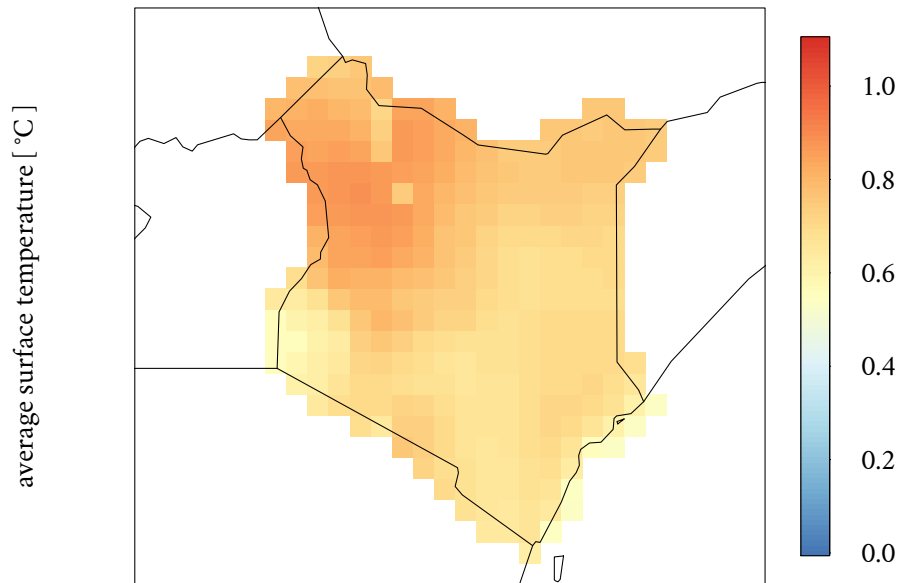
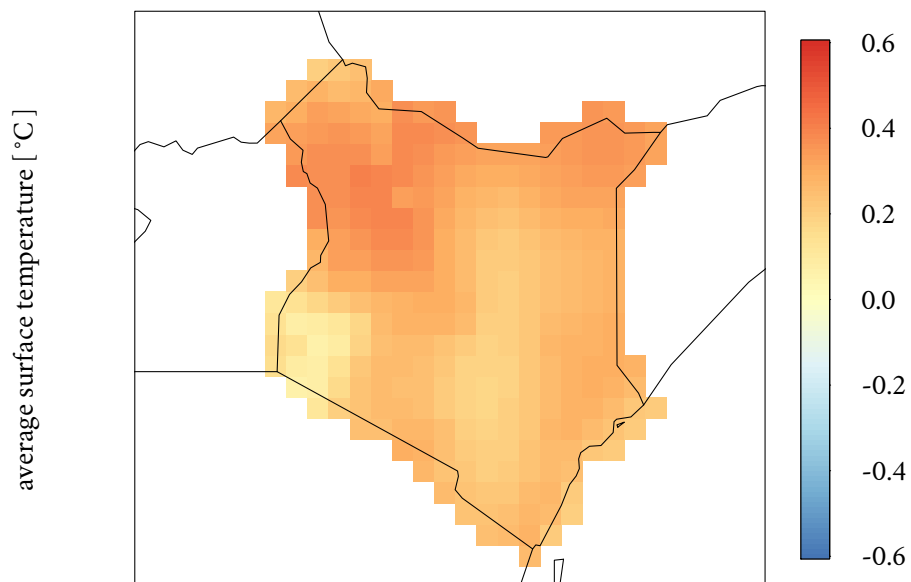


Figure 1320: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.12 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 1321: Mean across years, RCP 8.5, 2020 .. 2049

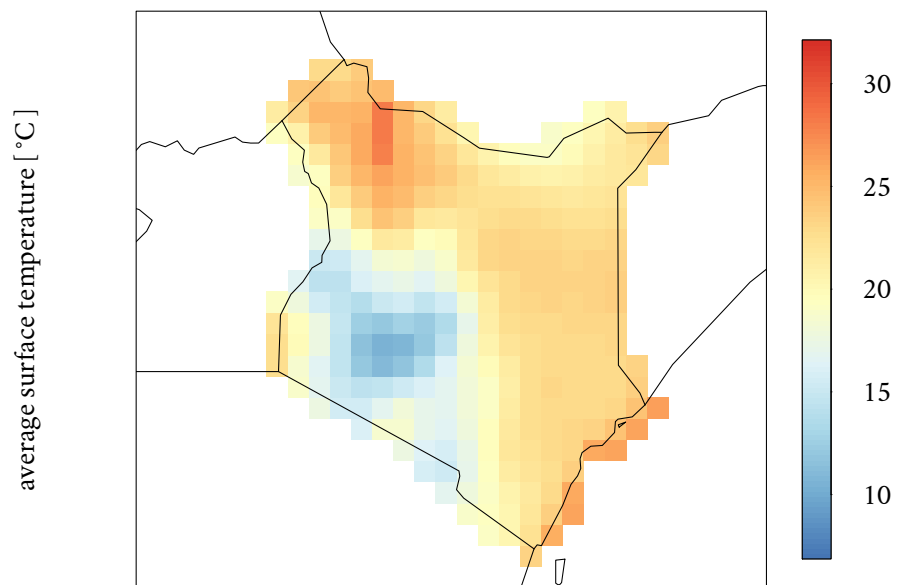


Figure 1322: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

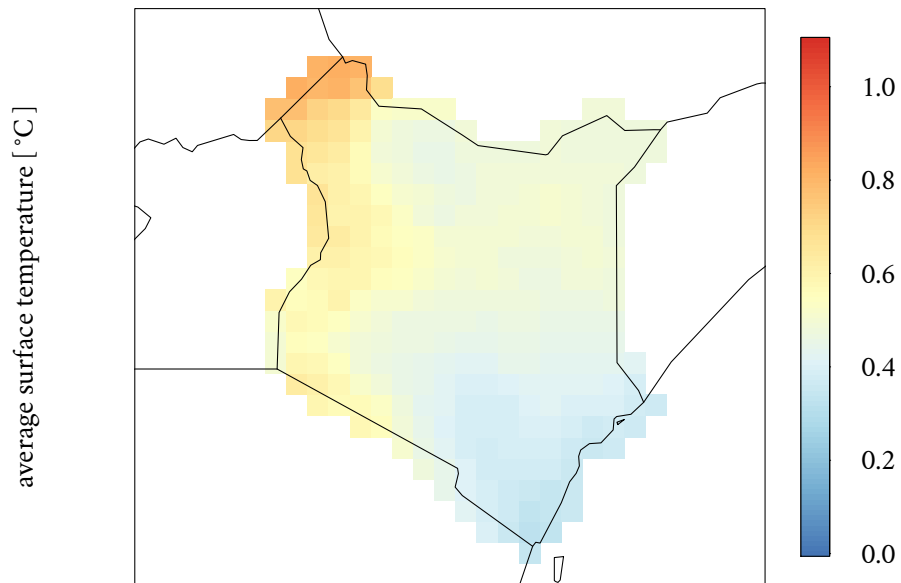


Figure 1323: Mean across years, RCP 8.5, 2060 .. 2089

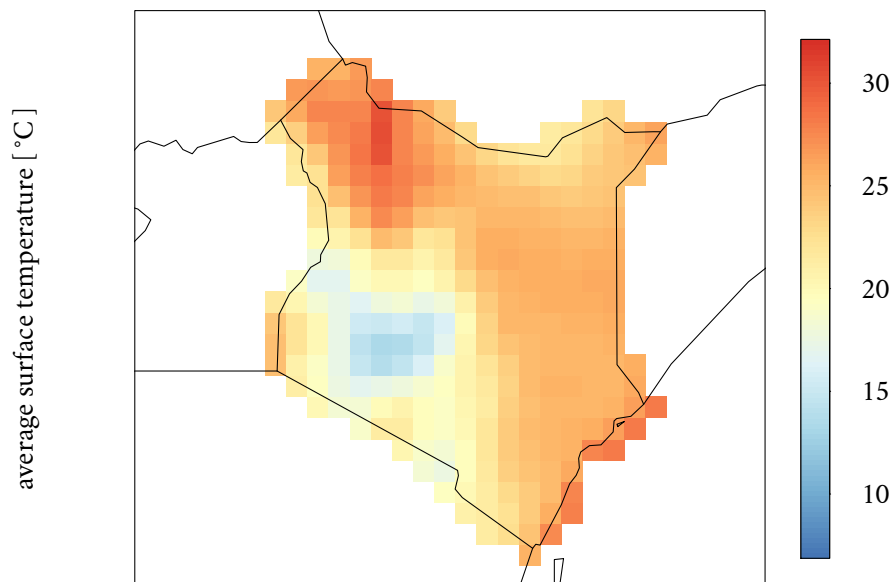


Figure 1324: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

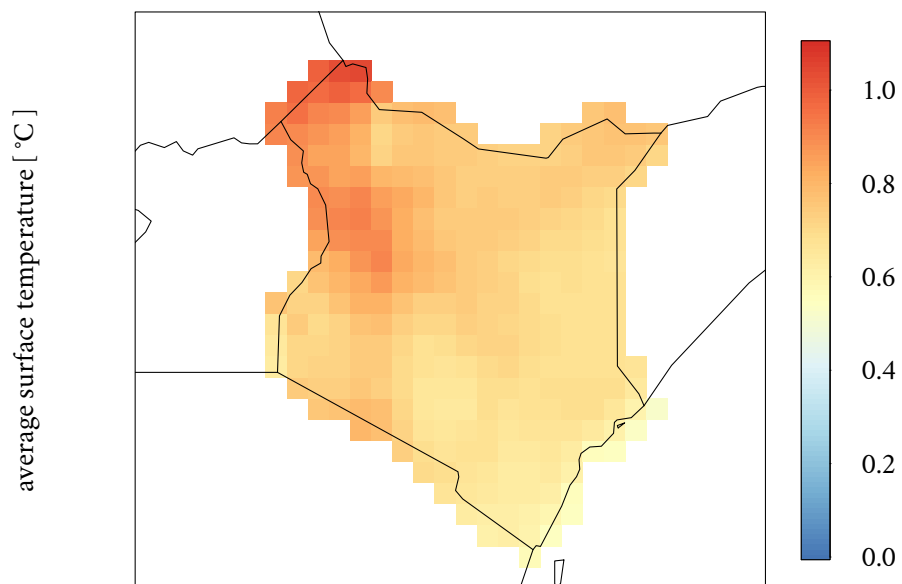
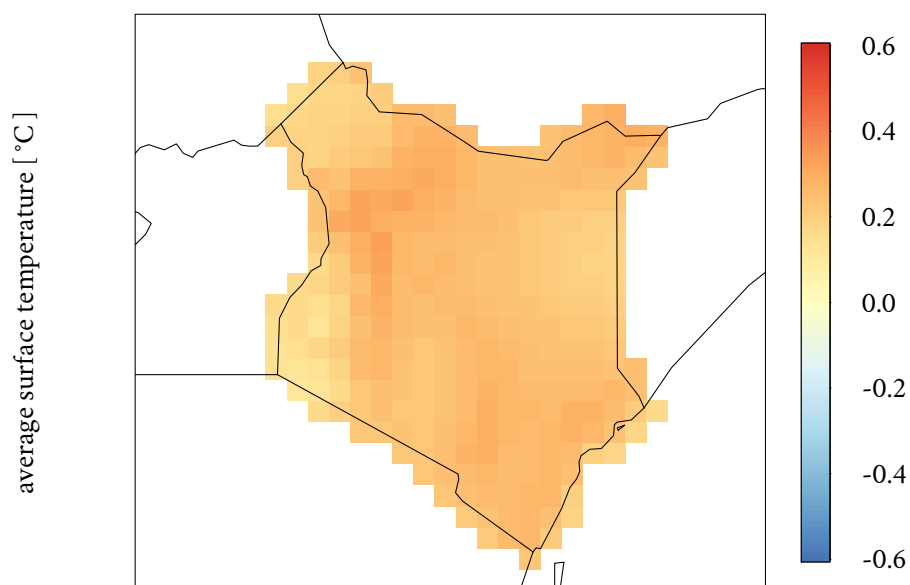


Figure 1325: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.13 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 1326: Mean across years, RCP 8.5, 2020 .. 2049

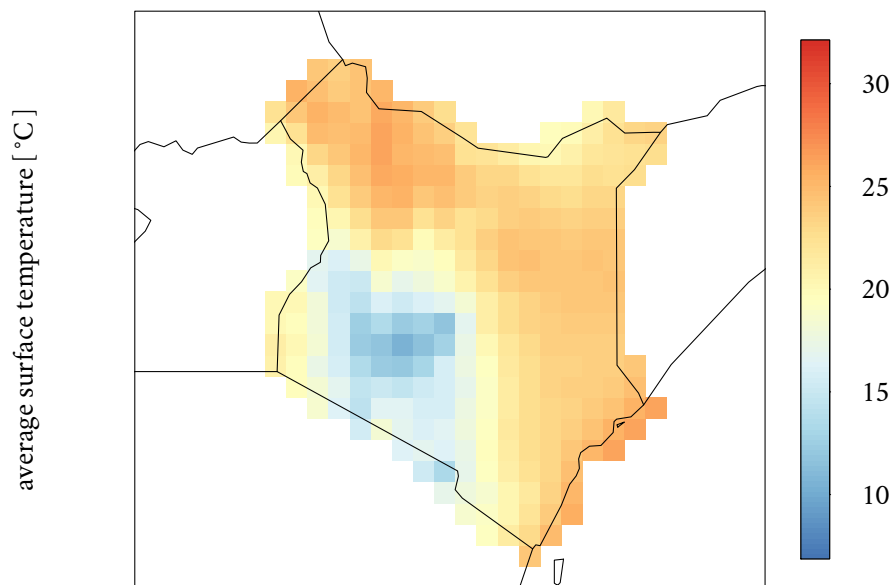


Figure 1327: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

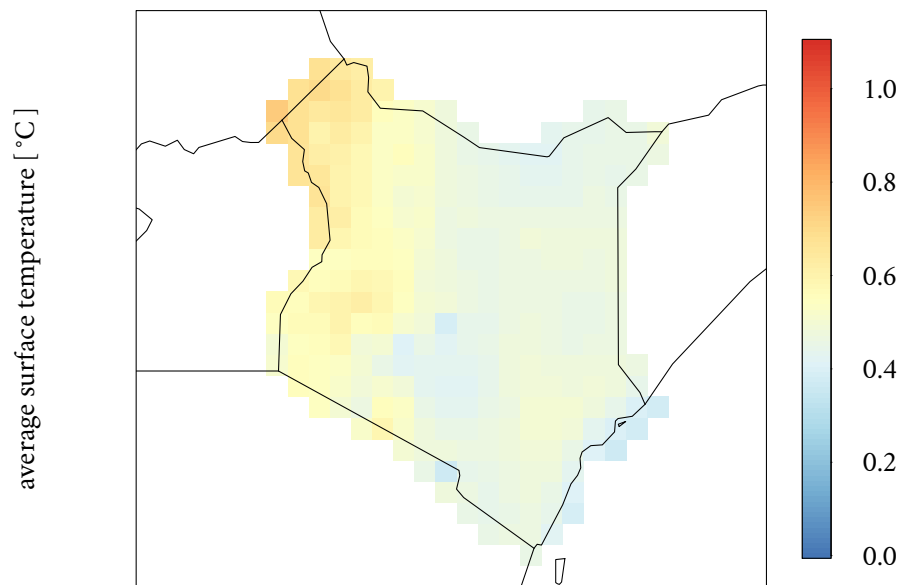


Figure 1328: Mean across years, RCP 8.5, 2060 .. 2089

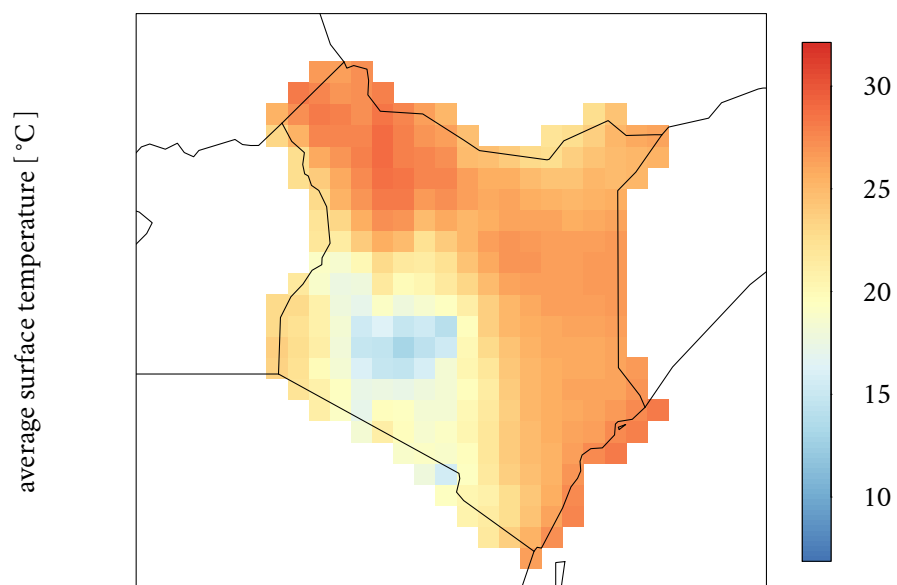


Figure 1329: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

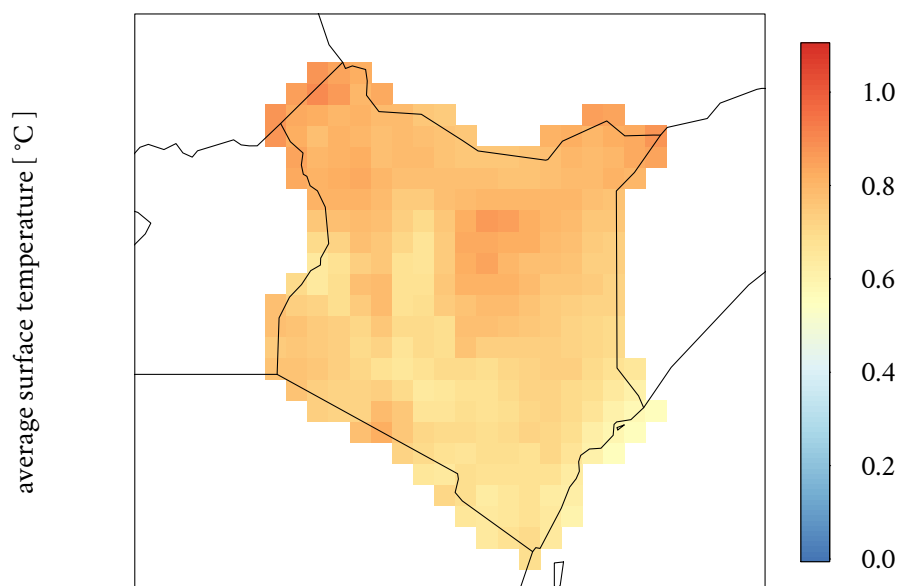
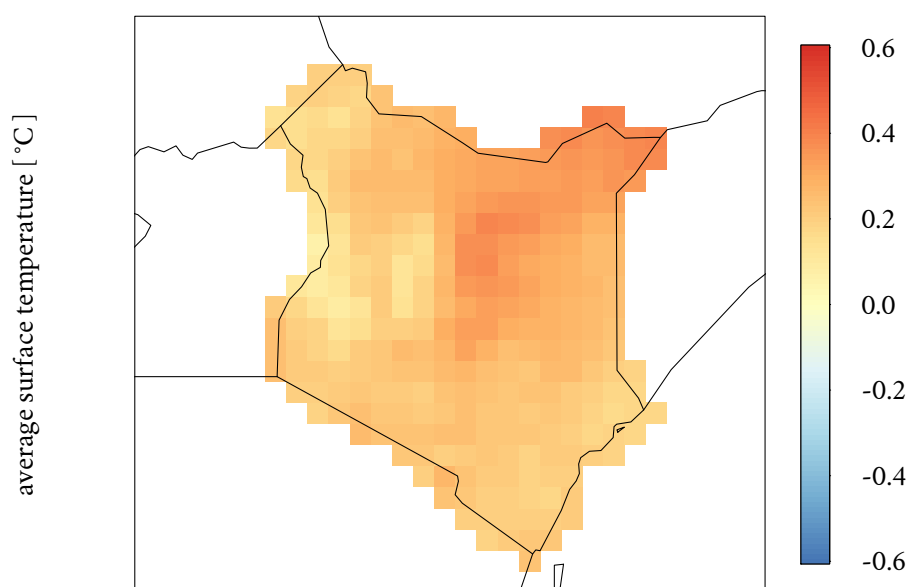


Figure 1330: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.14 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 1331: Mean across years, RCP 8.5, 2020 .. 2049

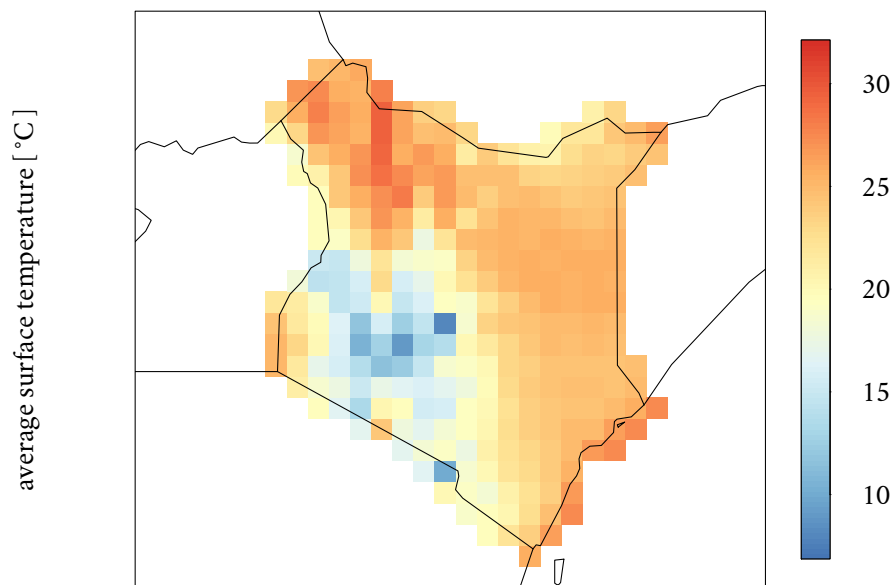


Figure 1332: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

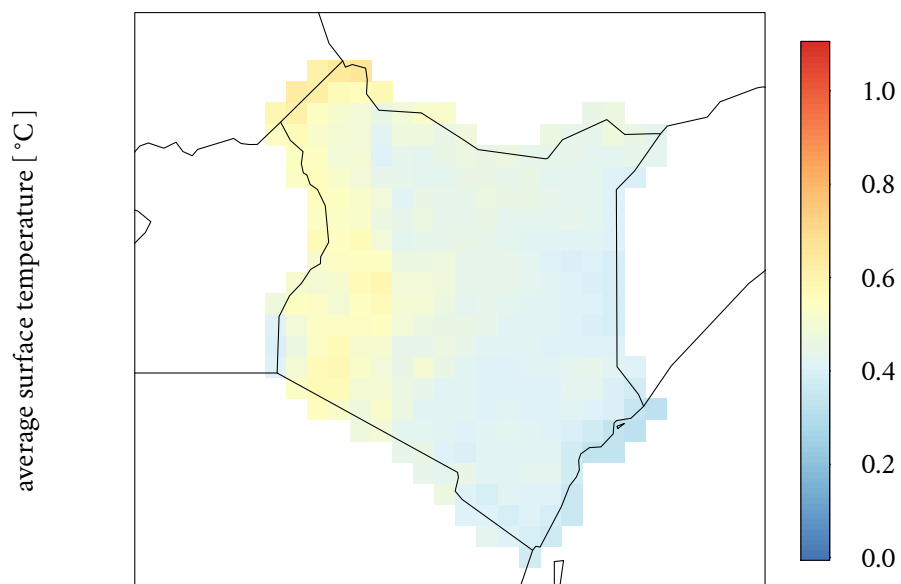


Figure 1333: Mean across years, RCP 8.5, 2060 .. 2089

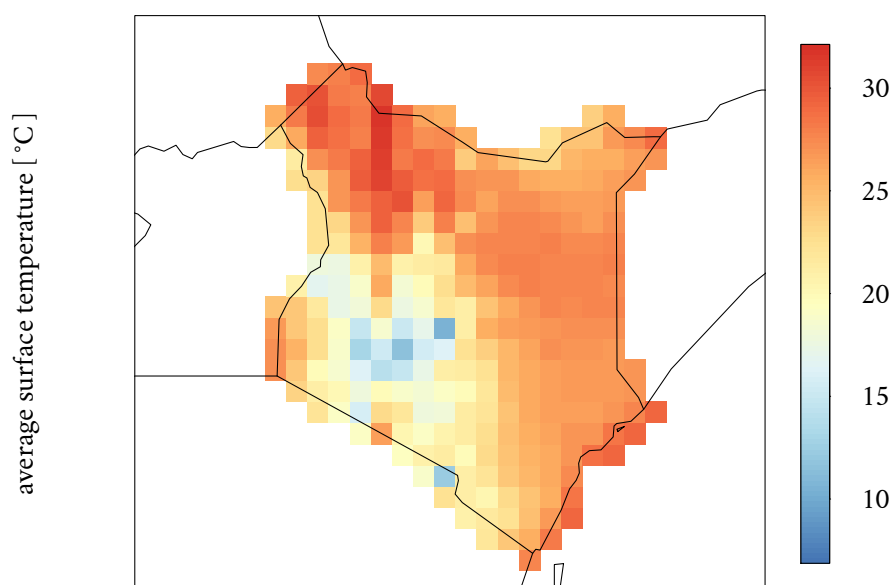


Figure 1334: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

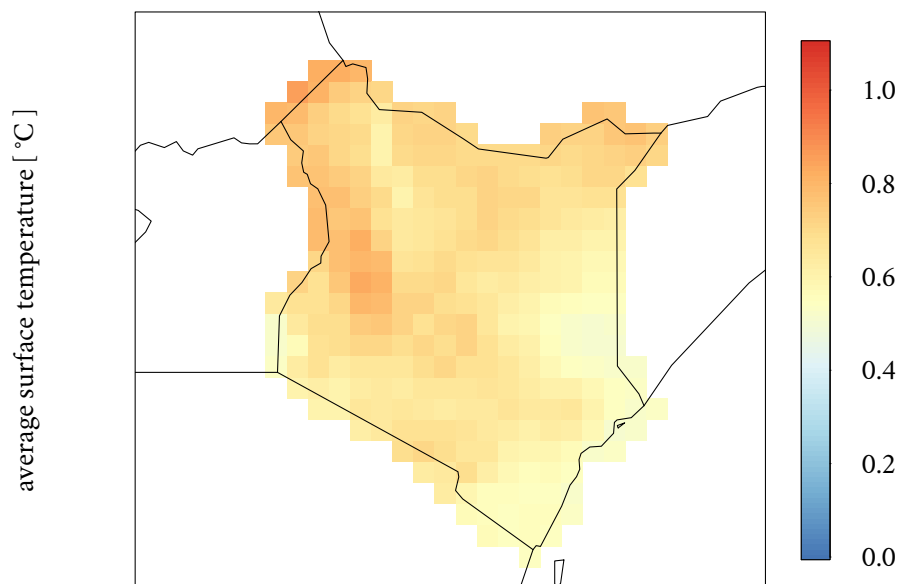
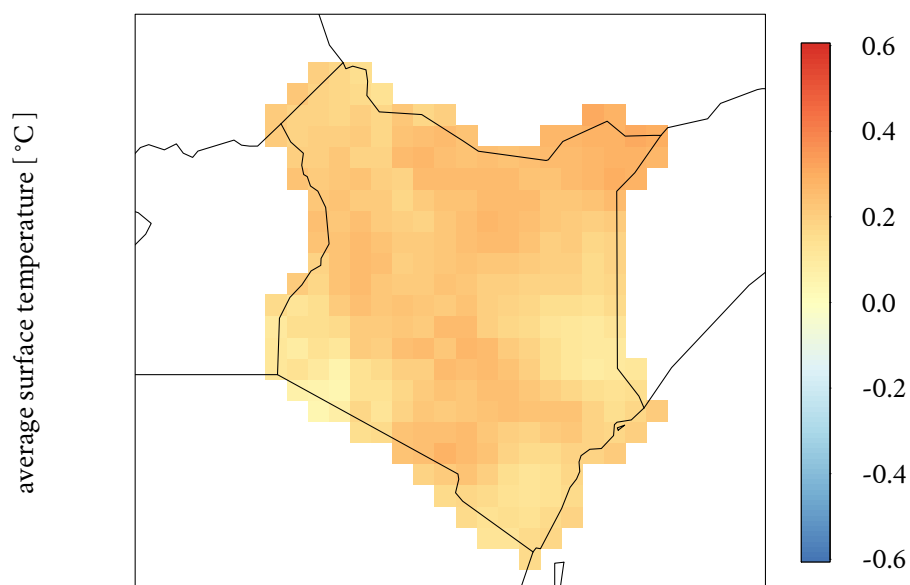


Figure 1335: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.15 GCM MPI-M-MPI-ESM-LR / RCM CCLM4-8-17

Figure 1336: Mean across years, RCP 8.5, 2020 .. 2049

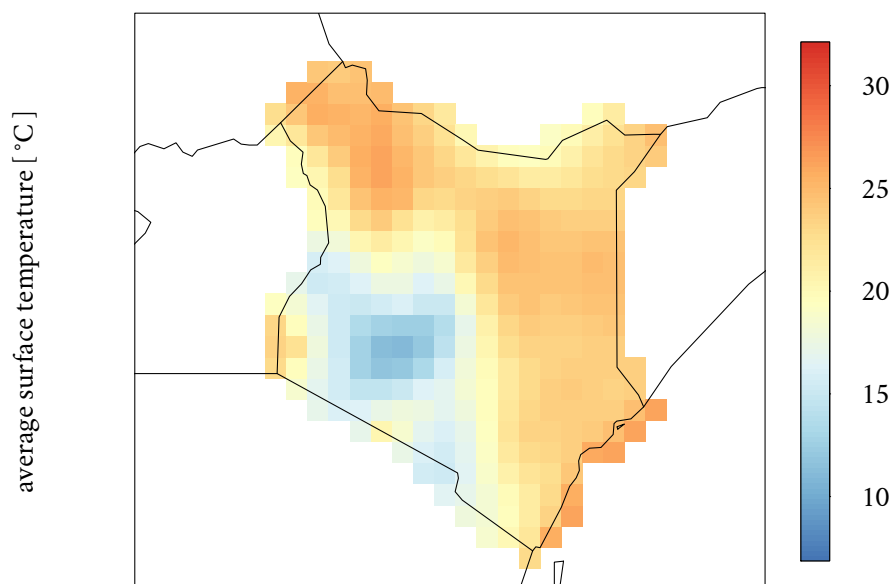


Figure 1337: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

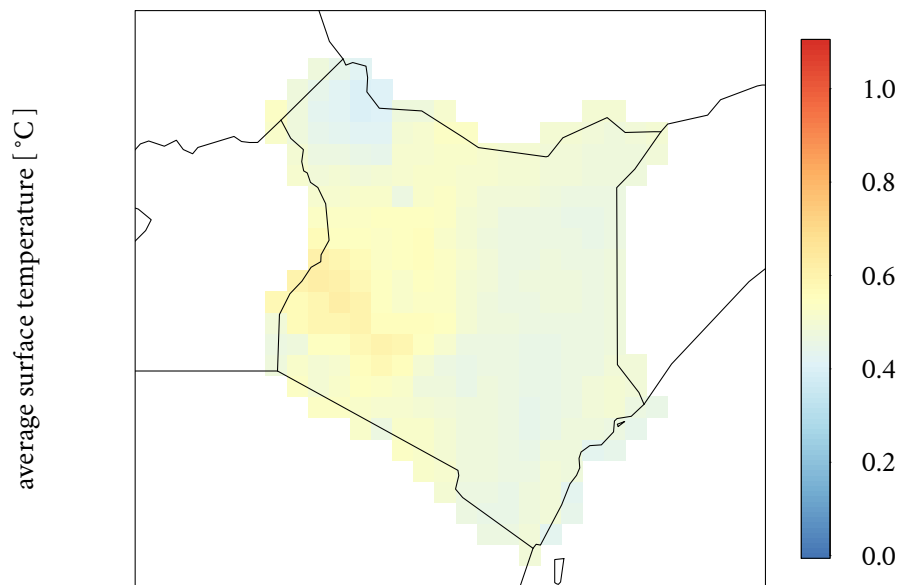


Figure 1338: Mean across years, RCP 8.5, 2060 .. 2089

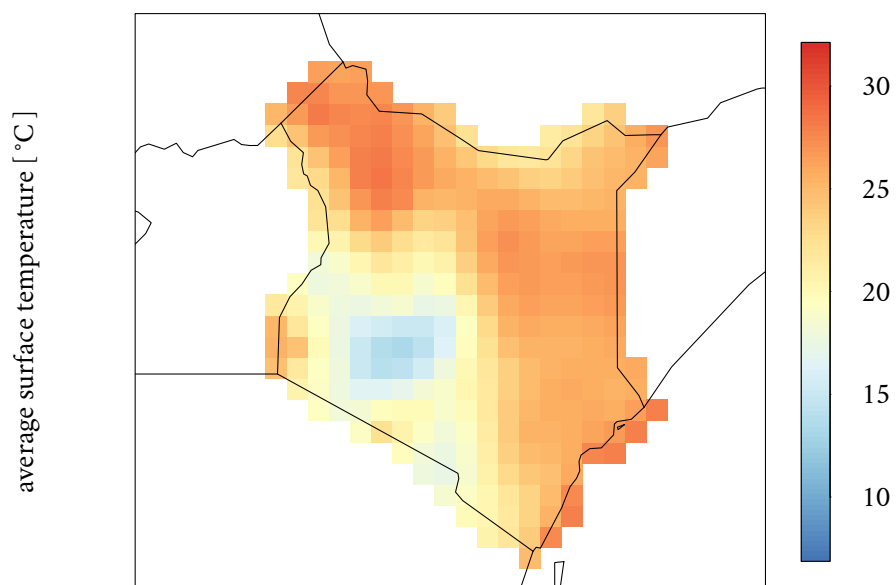


Figure 1339: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

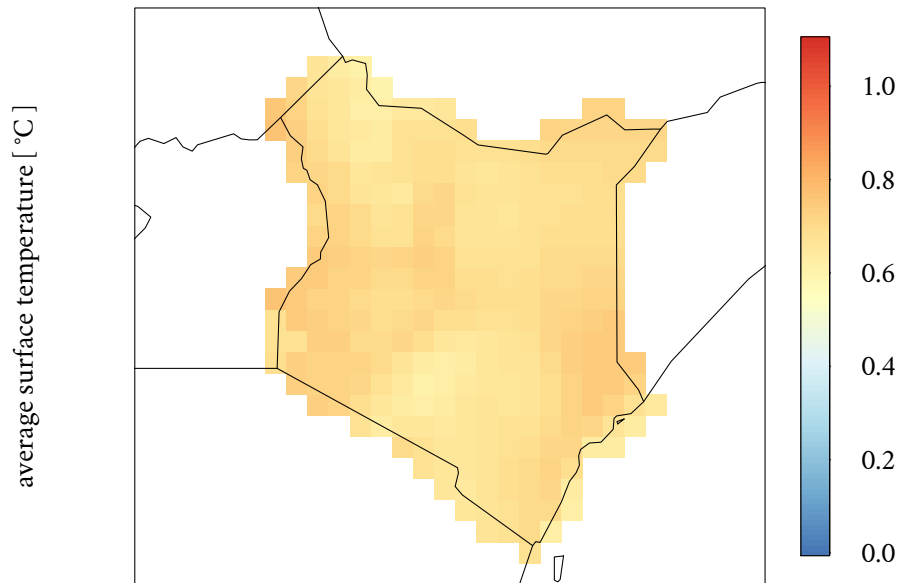
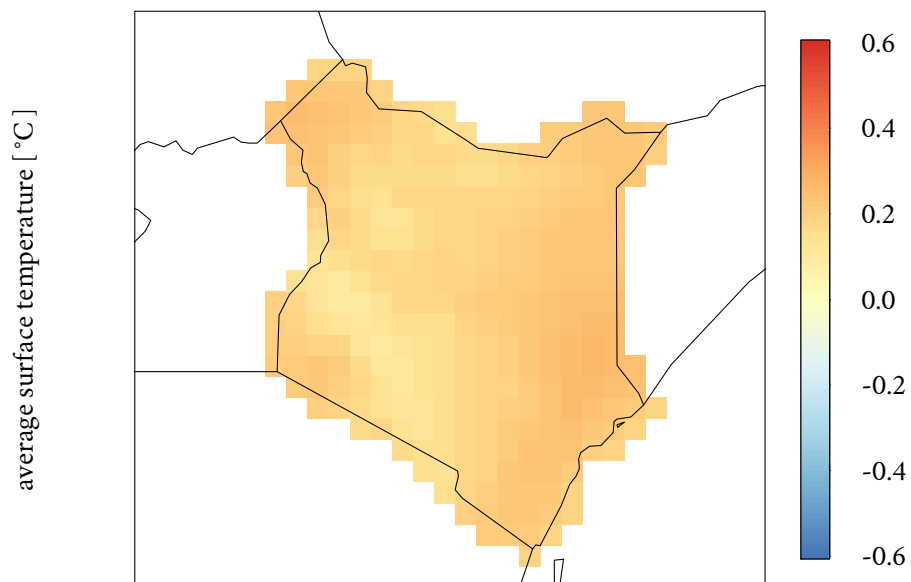


Figure 1340: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.16 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 1341: Mean across years, RCP 8.5, 2020 .. 2049

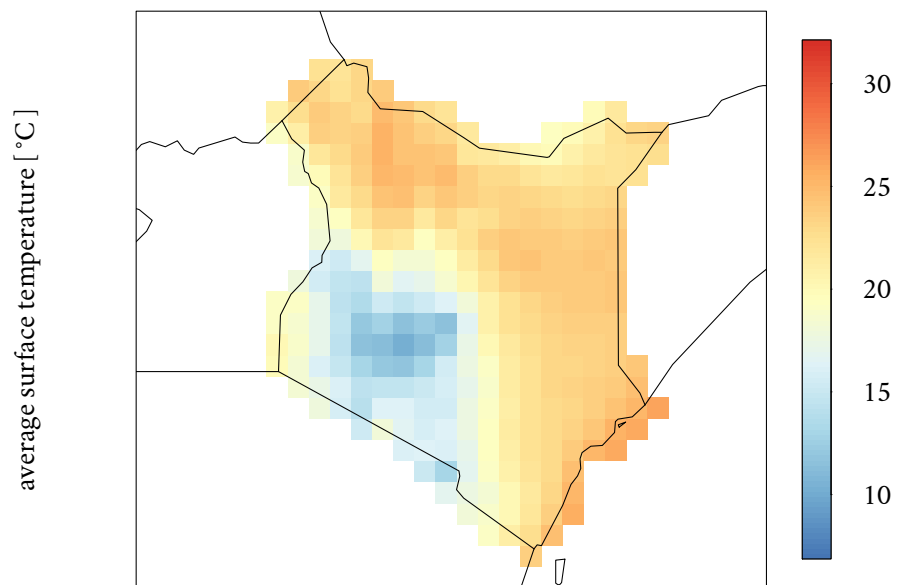


Figure 1342: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

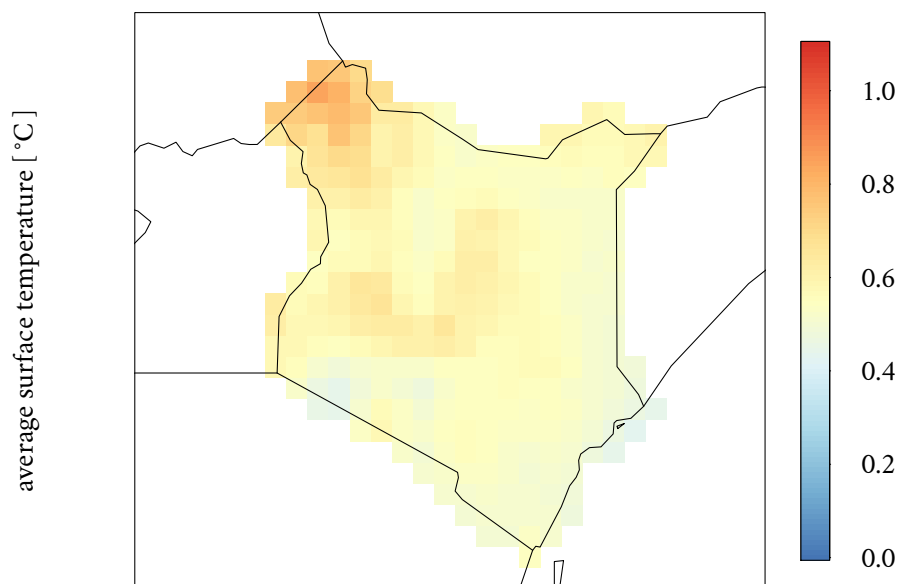


Figure 1343: Mean across years, RCP 8.5, 2060 .. 2089

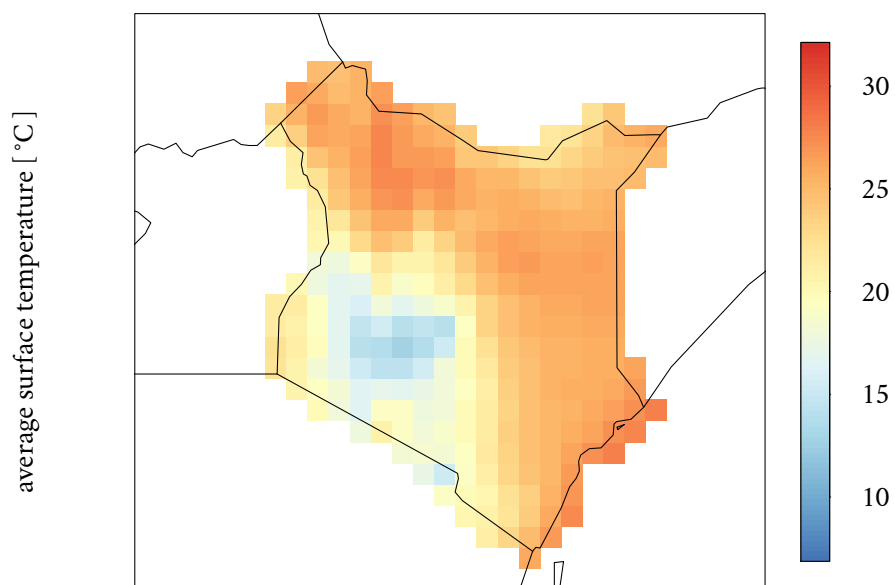


Figure 1344: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

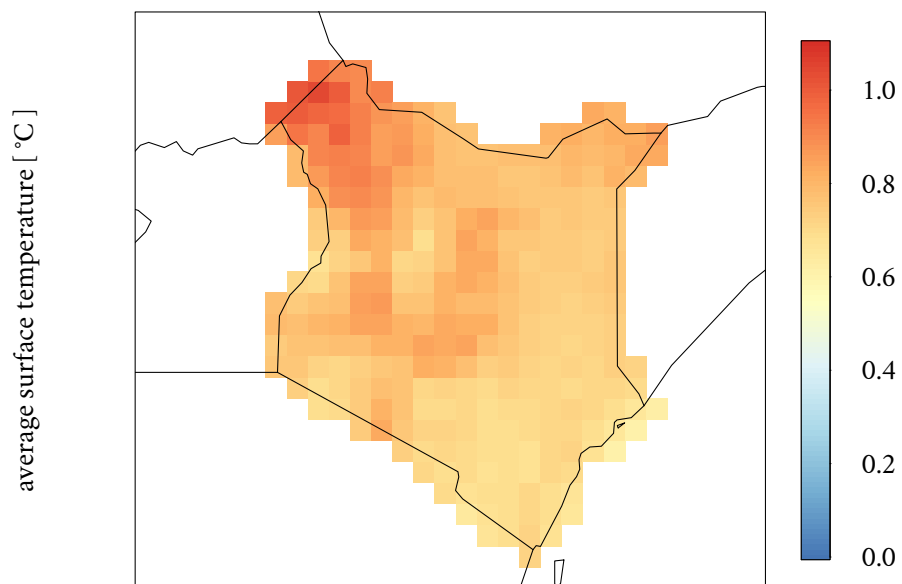
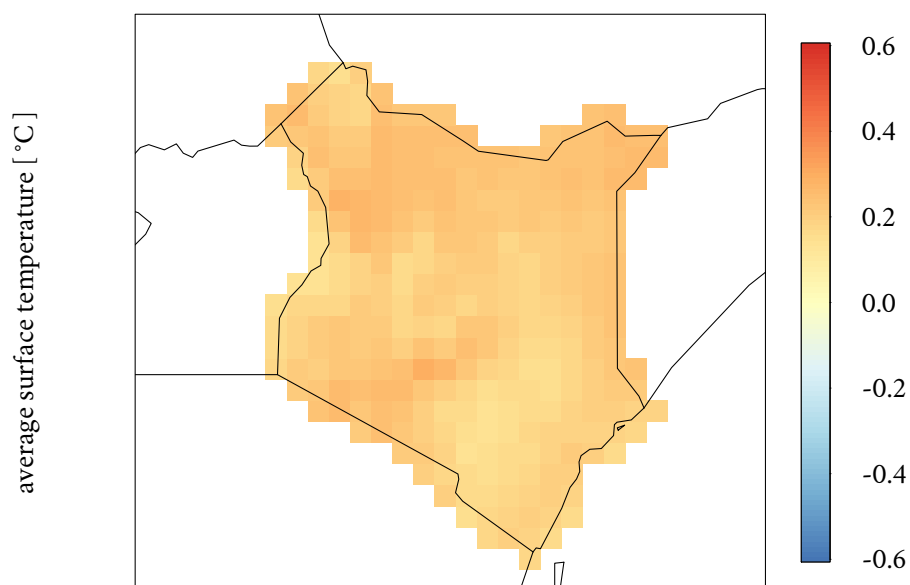


Figure 1345: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.17 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 1346: Mean across years, RCP 8.5, 2020 .. 2049

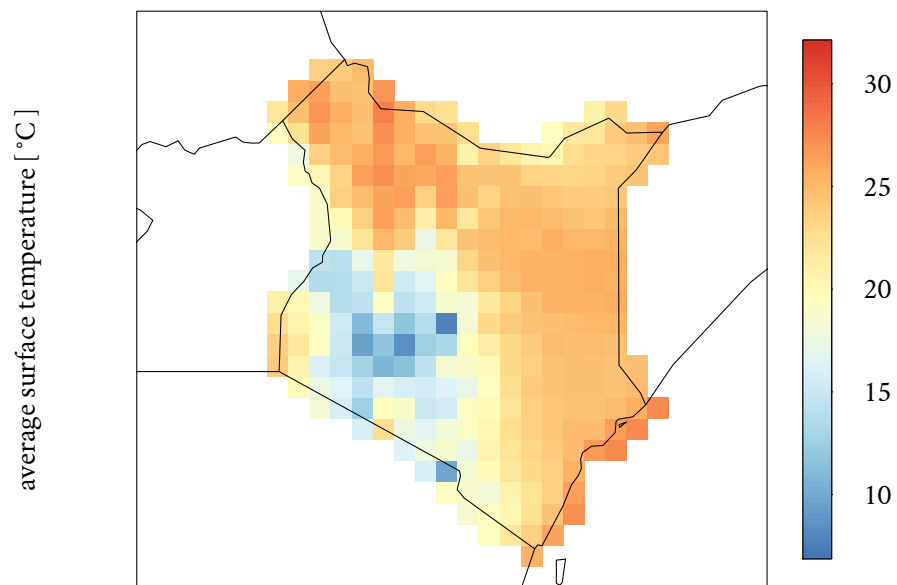


Figure 1347: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

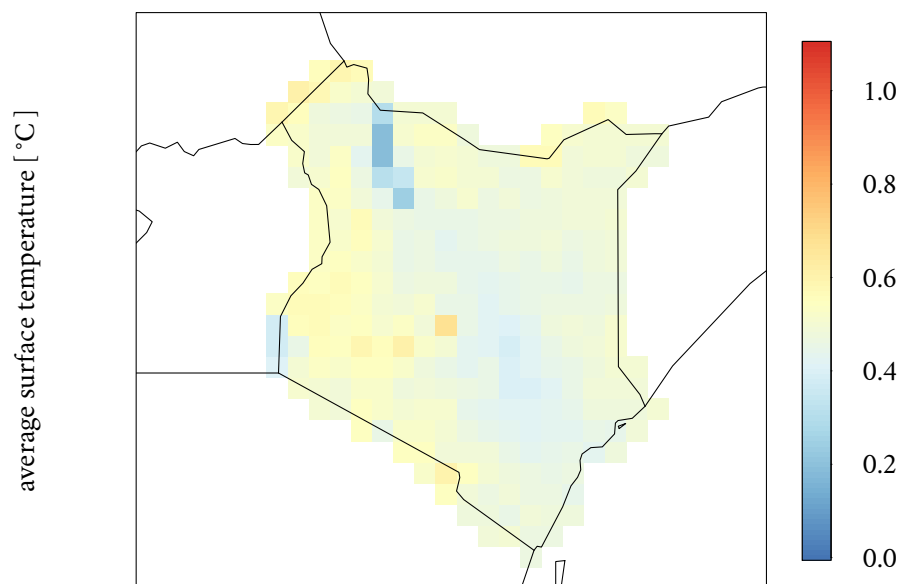


Figure 1348: Mean across years, RCP 8.5, 2060 .. 2089

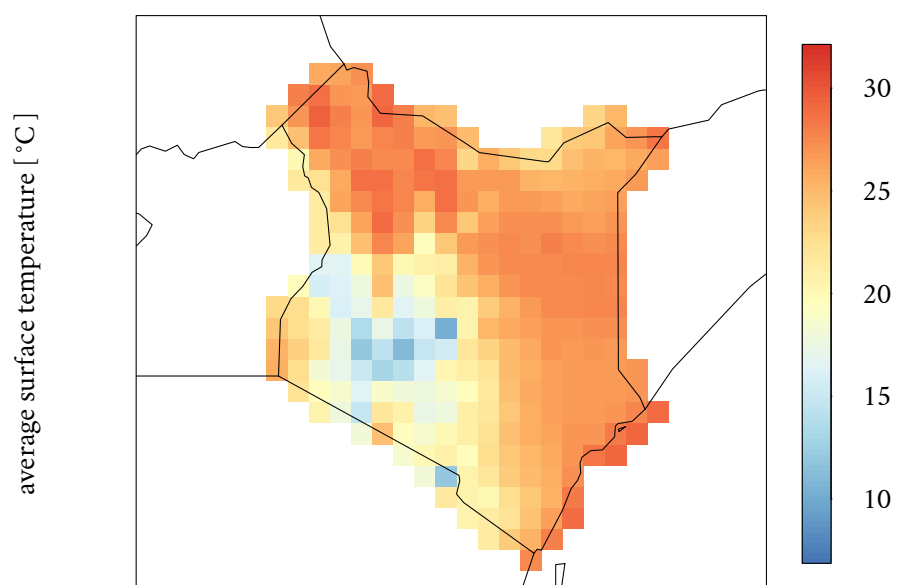


Figure 1349: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

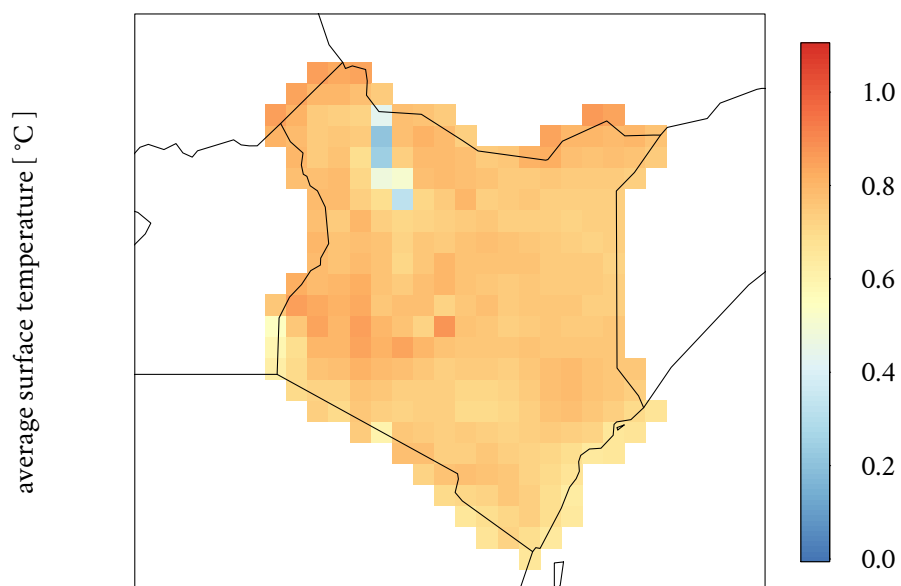
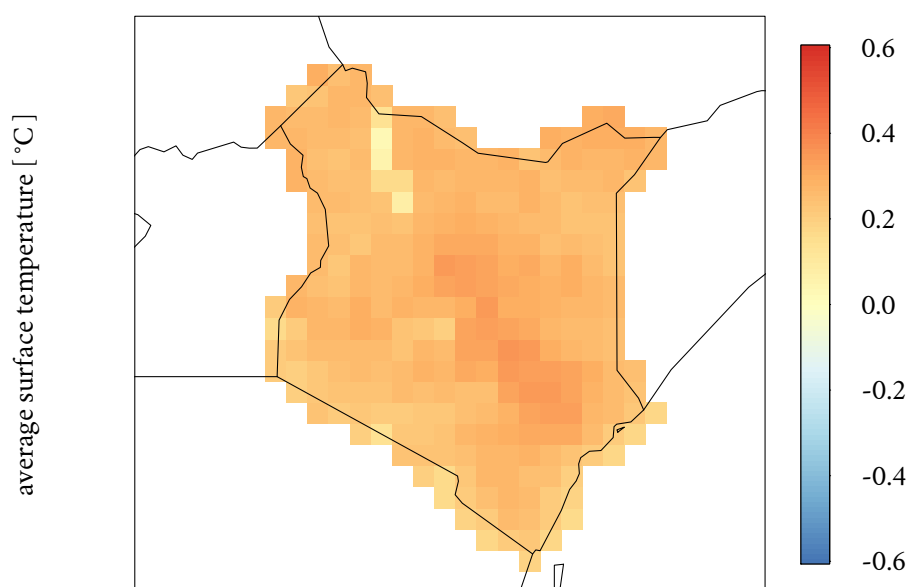


Figure 1350: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.18 GCM NCC-NorESM1-M / RCM RCA4

Figure 1351: Mean across years, RCP 8.5, 2020 .. 2049

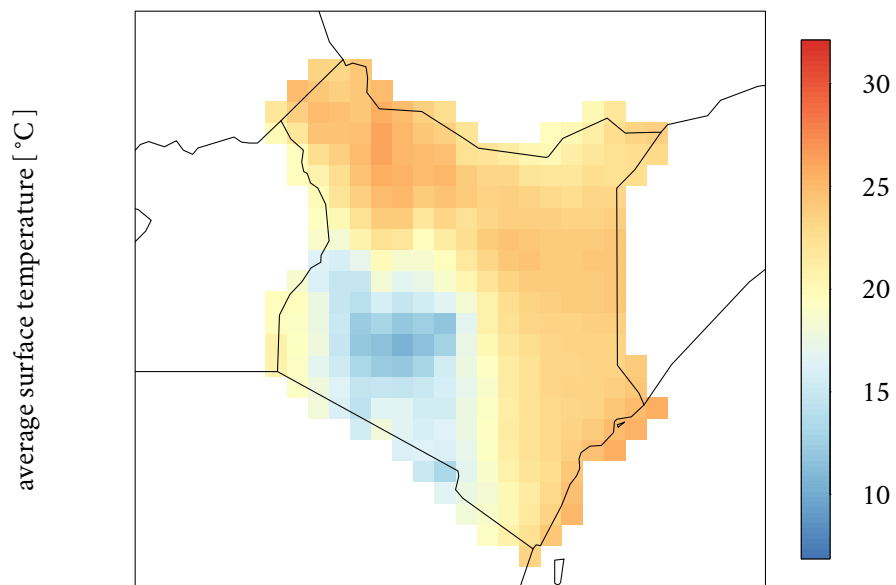


Figure 1352: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

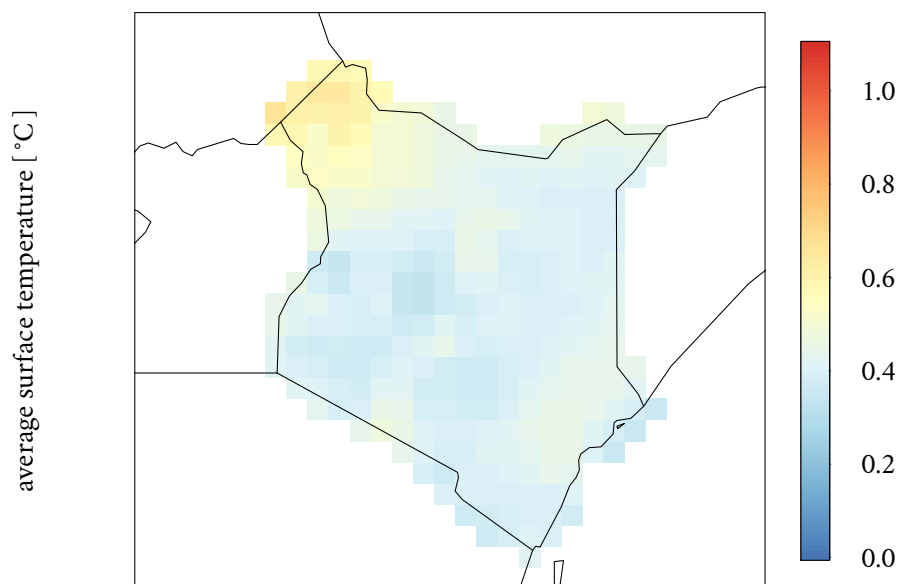


Figure 1353: Mean across years, RCP 8.5, 2060 .. 2089

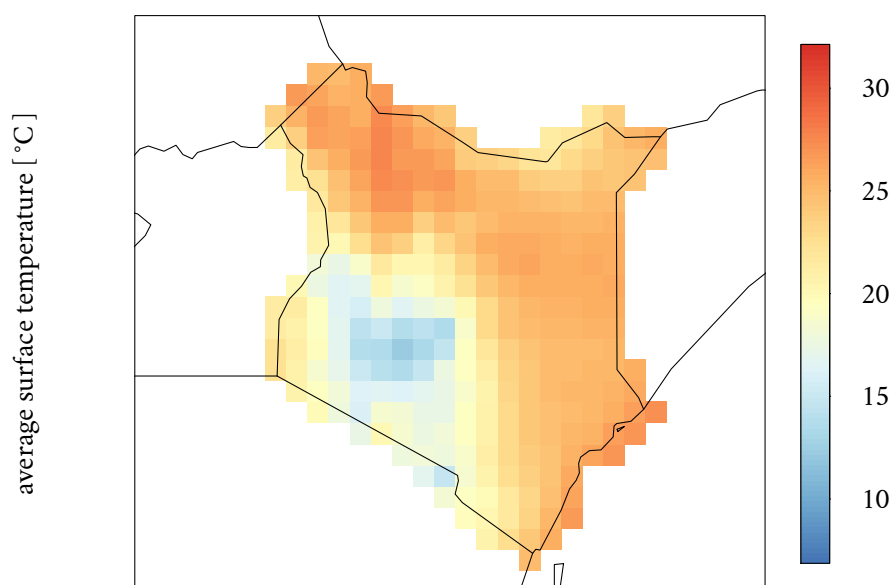


Figure 1354: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

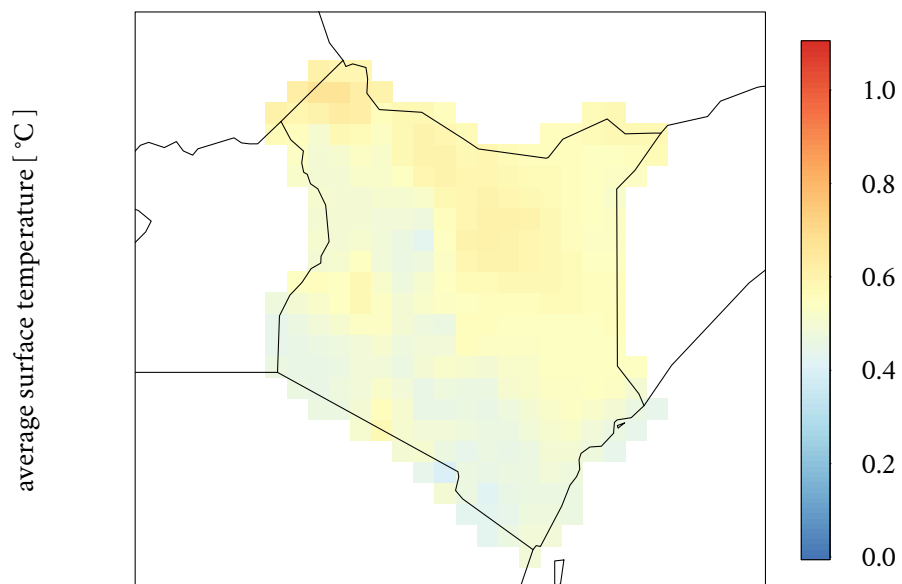
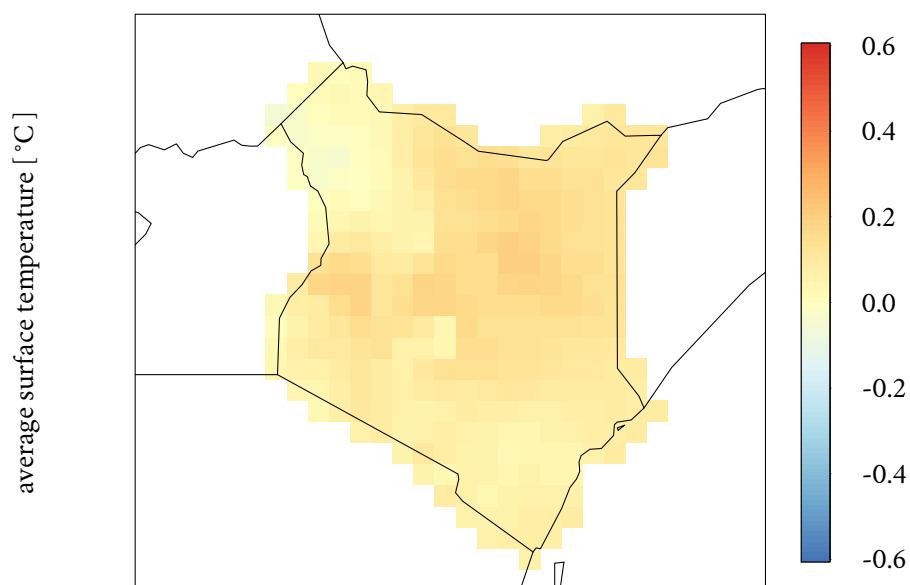


Figure 1355: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



D.4.19 GCM NOAA-GFDL-GFDL-ESM2M / RCM RCA4

Figure 1356: Mean across years, RCP 8.5, 2020 .. 2049

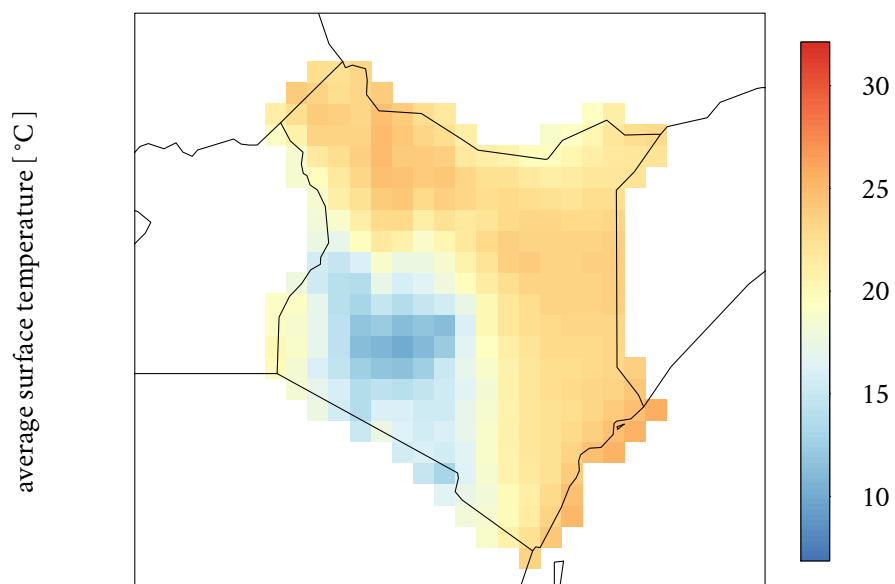


Figure 1357: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

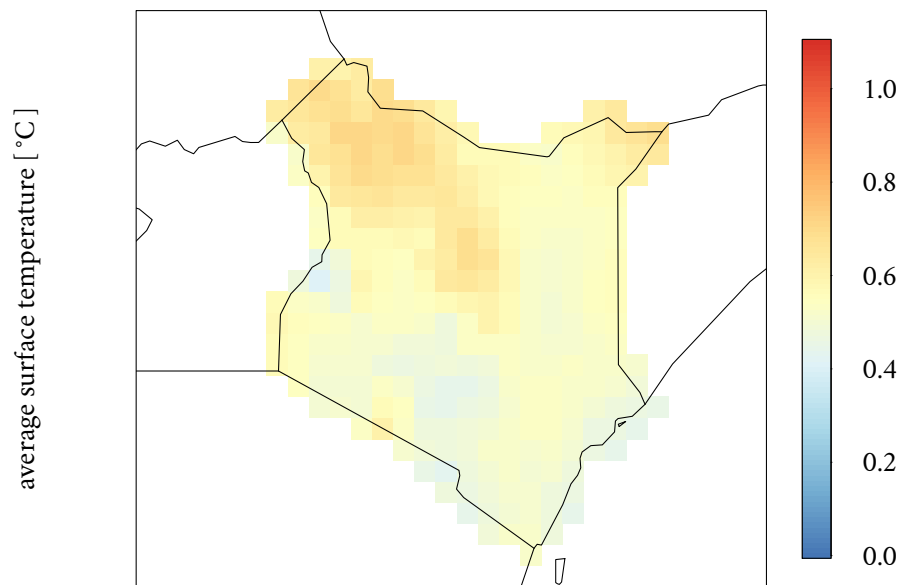


Figure 1358: Mean across years, RCP 8.5, 2060 .. 2089

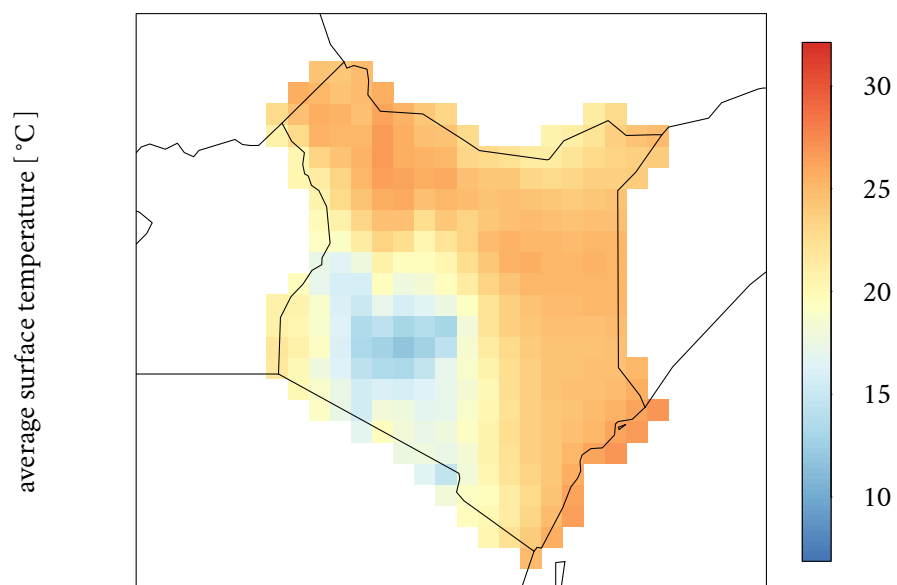


Figure 1359: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

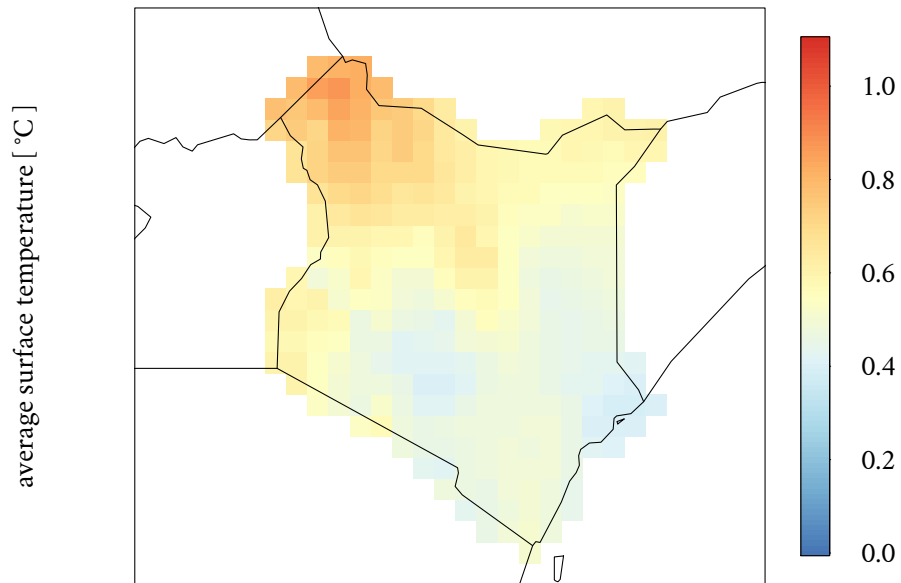
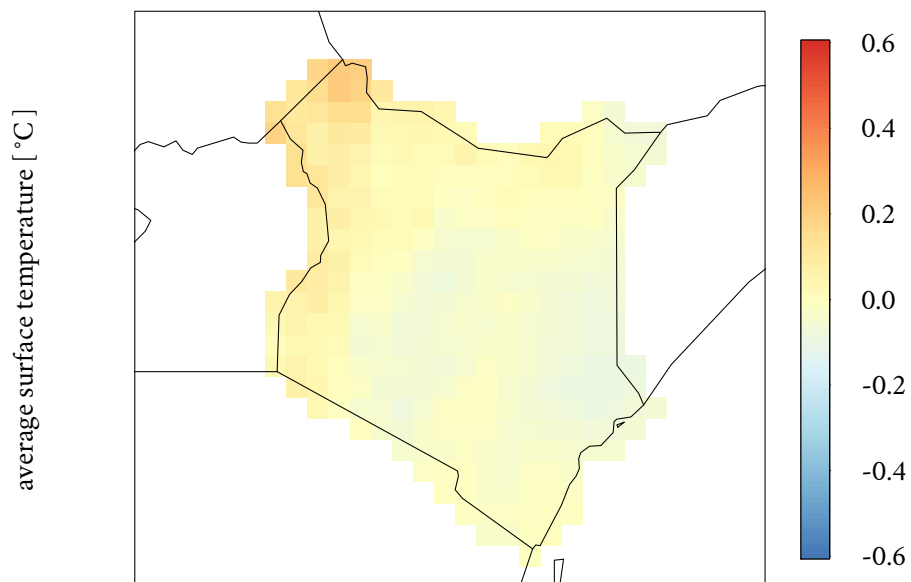


Figure 1360: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E Individual models: Maximum surface temperature

E.1 Burkina Faso / RCP 2.6

E.1.1 GCM IPSL-CM5A-LR / RCM REMO2009

Figure 1361: Mean across years, RCP 2.6, 2020 .. 2049

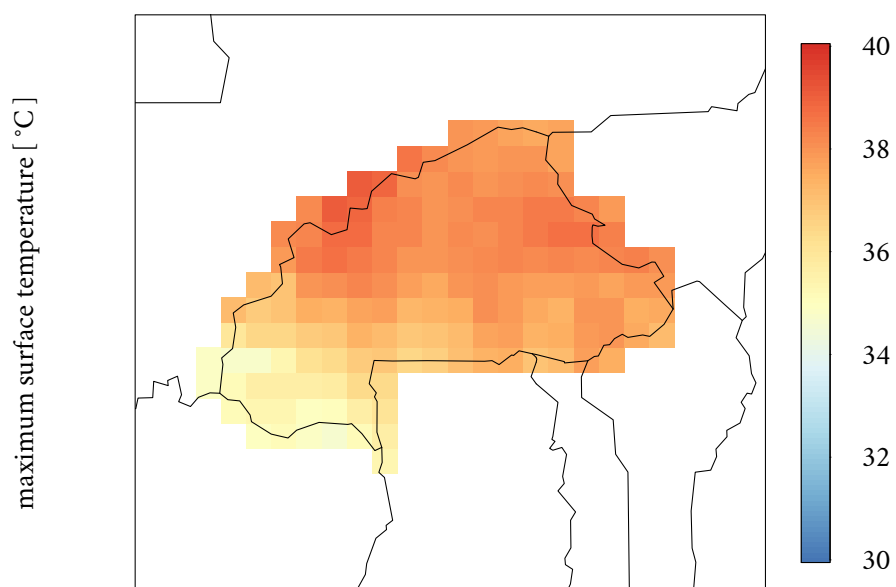


Figure 1362: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

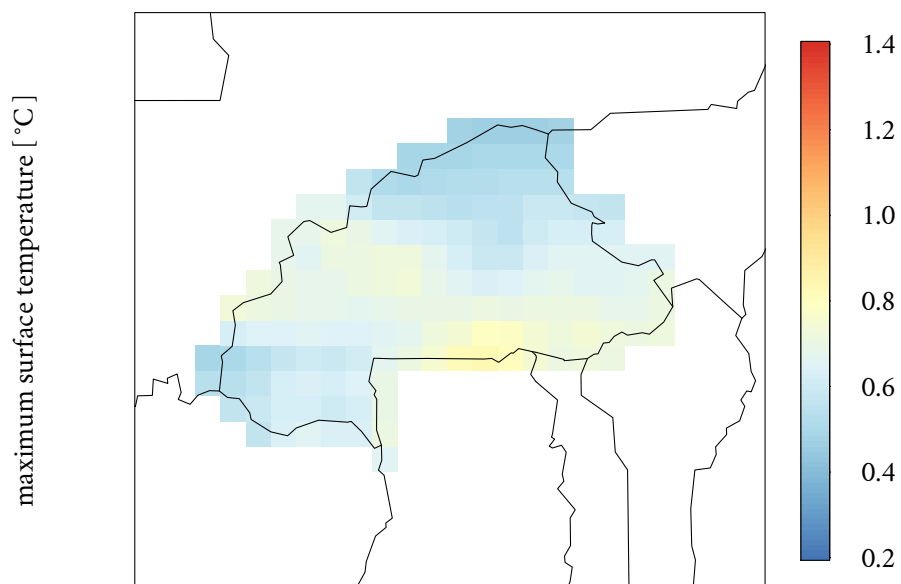


Figure 1363: Mean across years, RCP 2.6, 2060 .. 2089

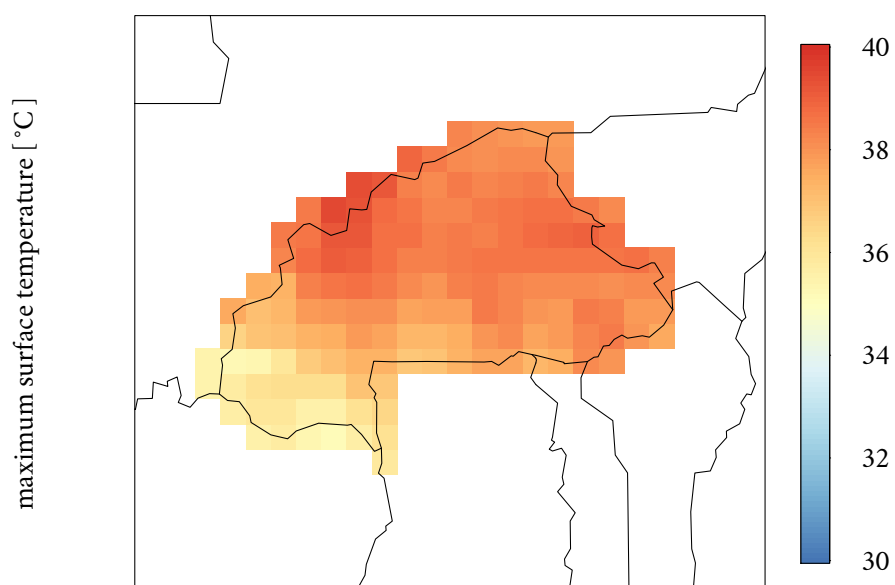


Figure 1364: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

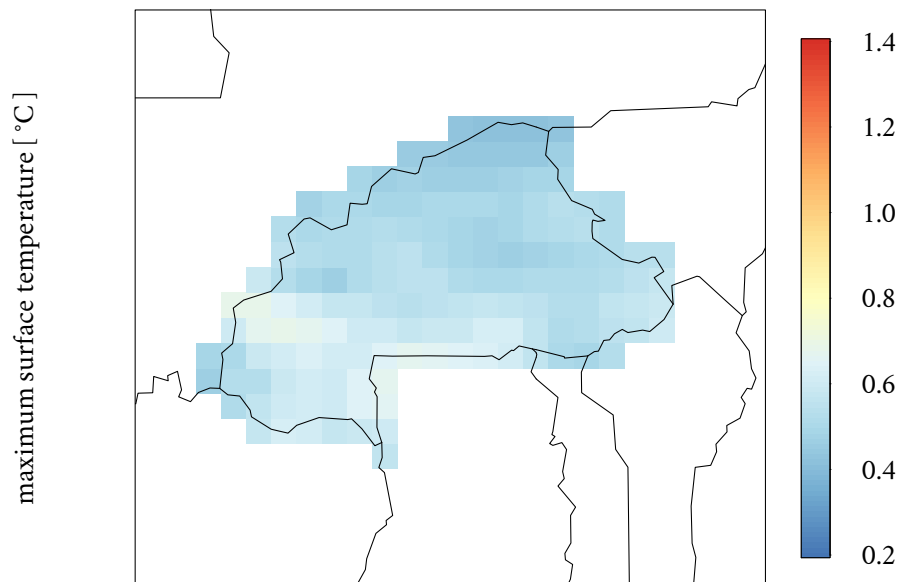
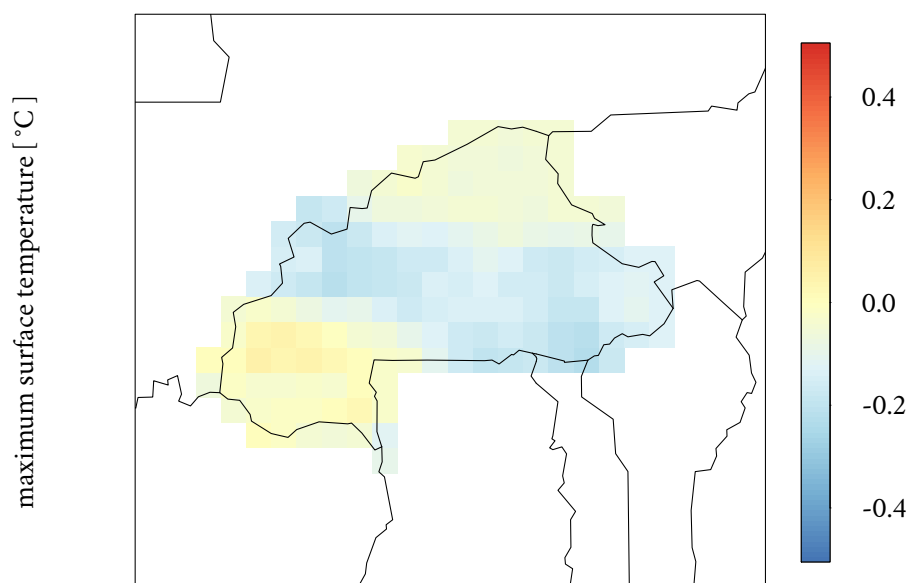


Figure 1365: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.1.2 GCM MIROC-MIROC5 / RCM RCA4

Figure 1366: Mean across years, RCP 2.6, 2020 .. 2049

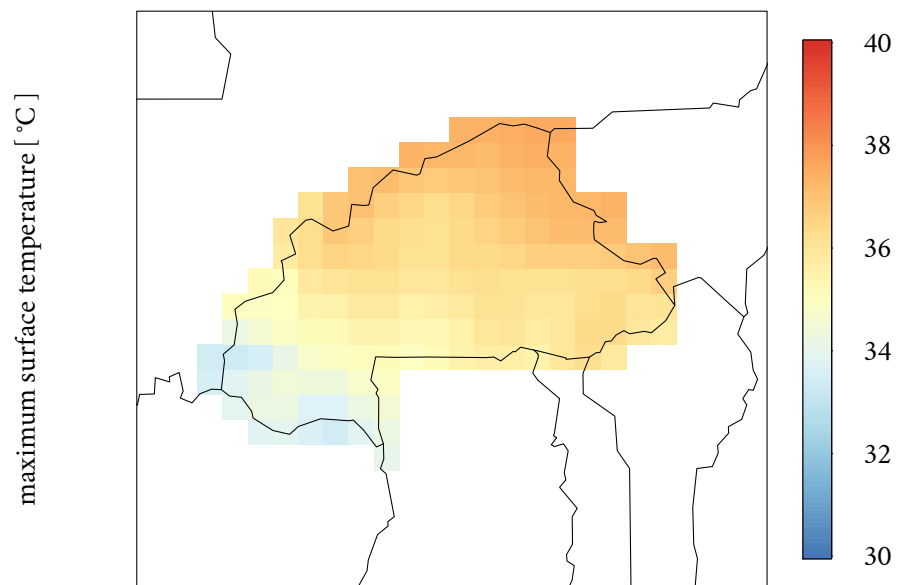


Figure 1367: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

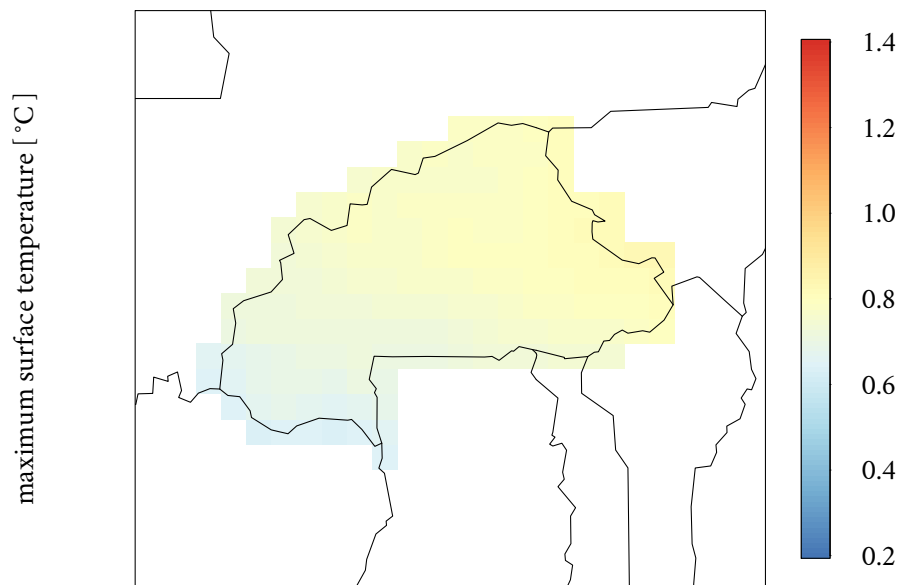


Figure 1368: Mean across years, RCP 2.6, 2060 .. 2089

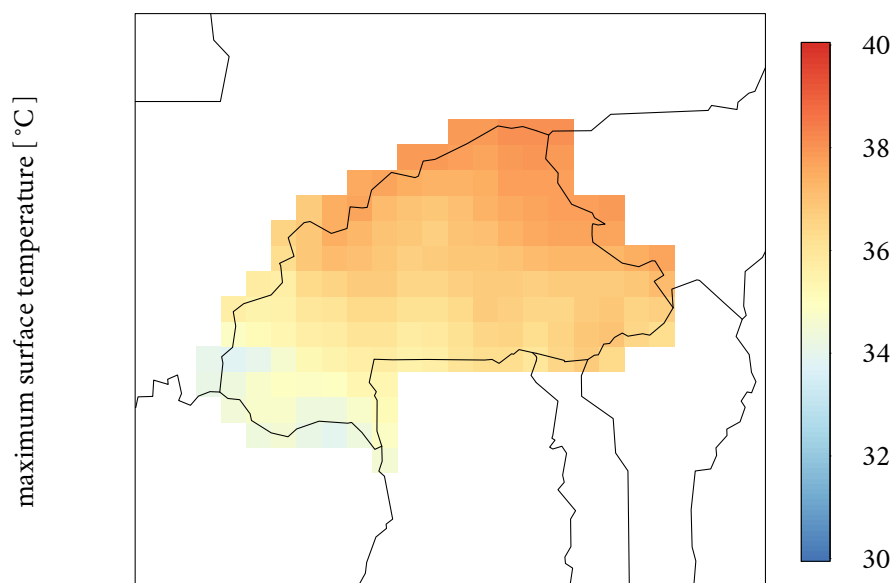


Figure 1369: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

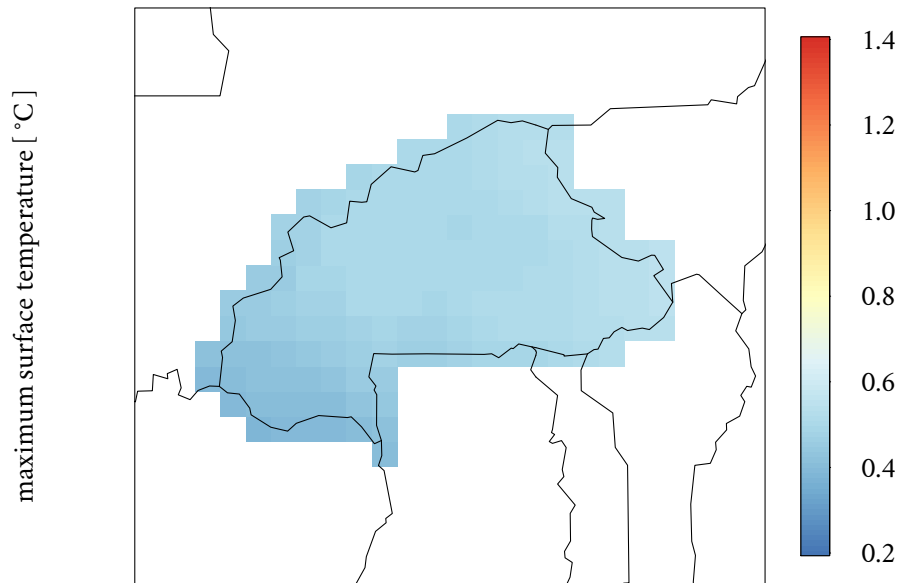
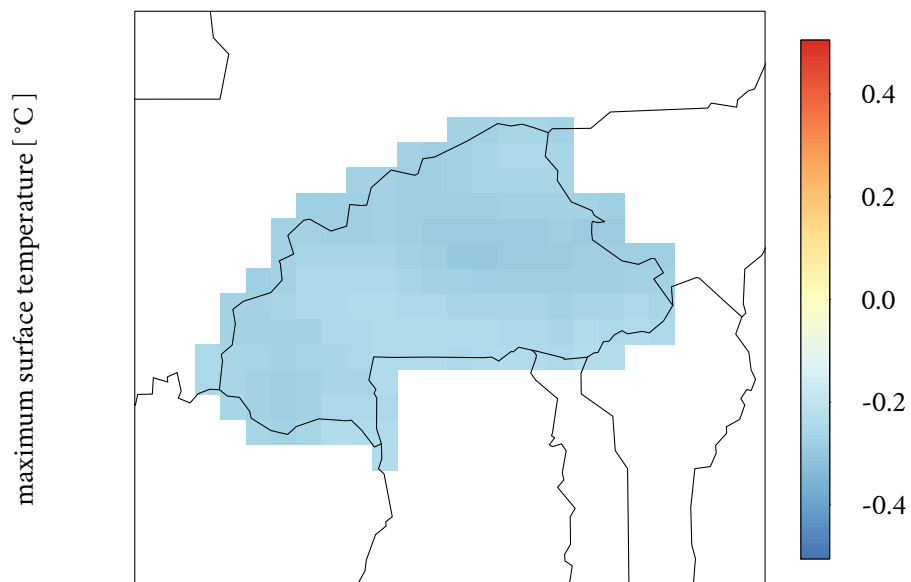


Figure 1370: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.1.3 GCM MIROC-MIROC5 / RCM REMO2009

Figure 1371: Mean across years, RCP 2.6, 2020 .. 2049

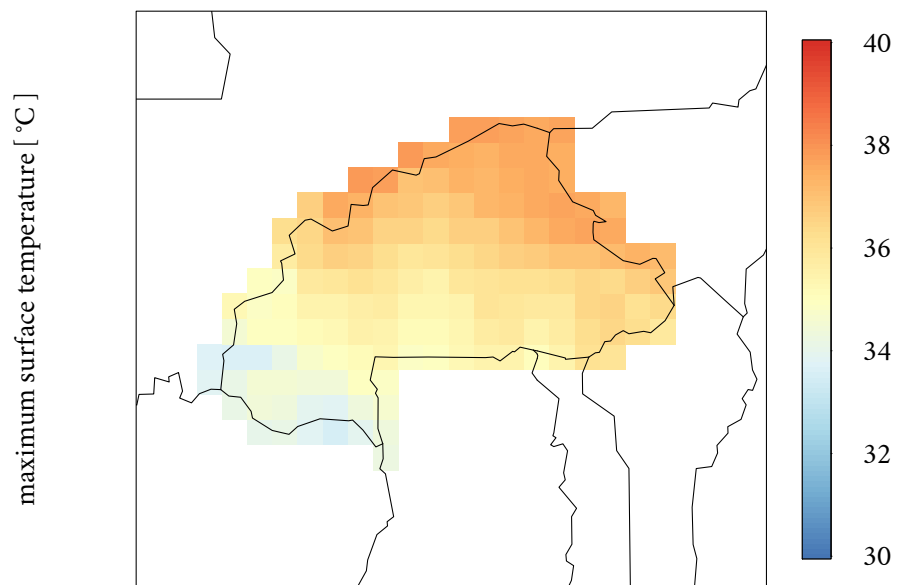


Figure 1372: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

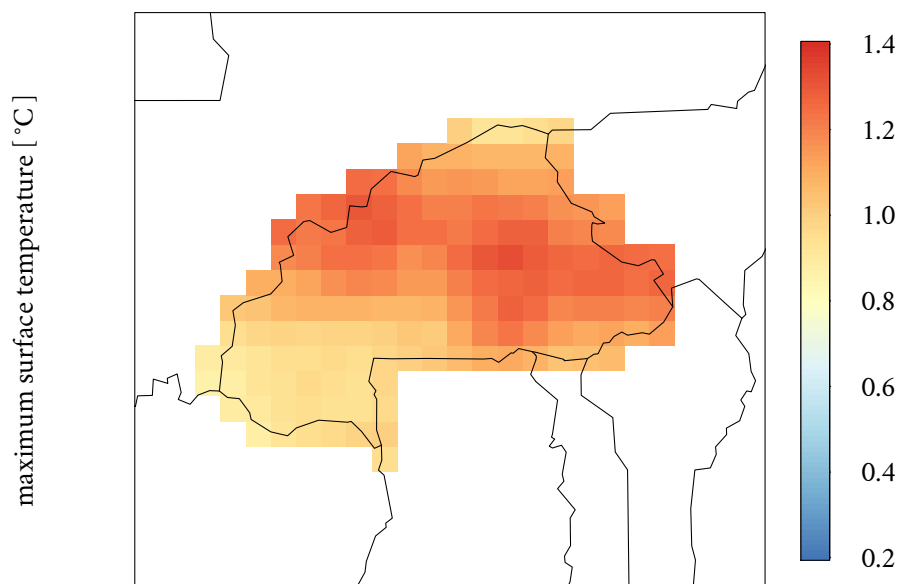


Figure 1373: Mean across years, RCP 2.6, 2060 .. 2089

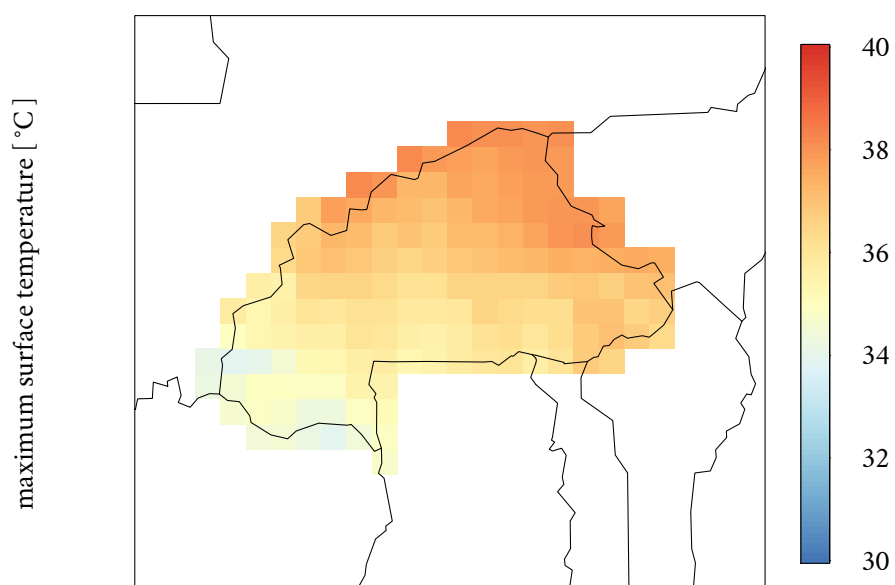


Figure 1374: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

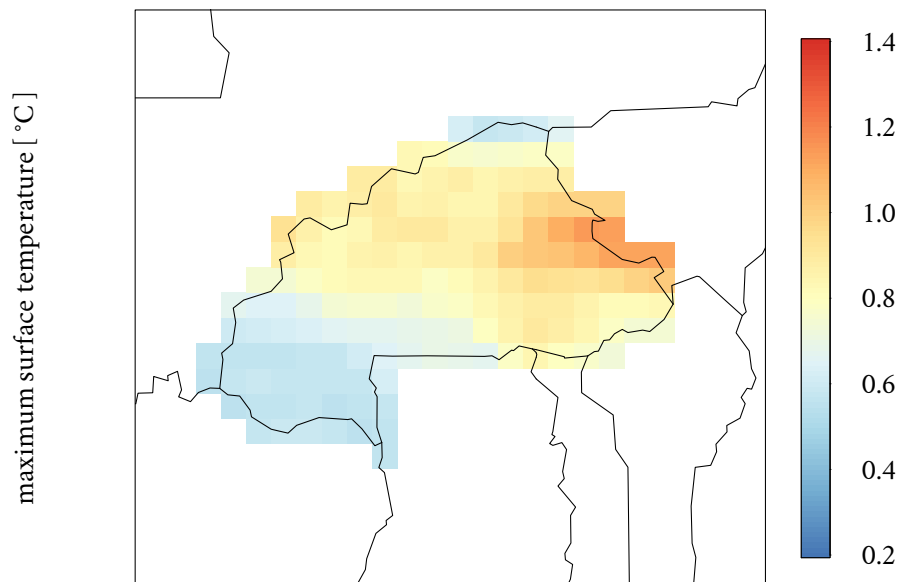
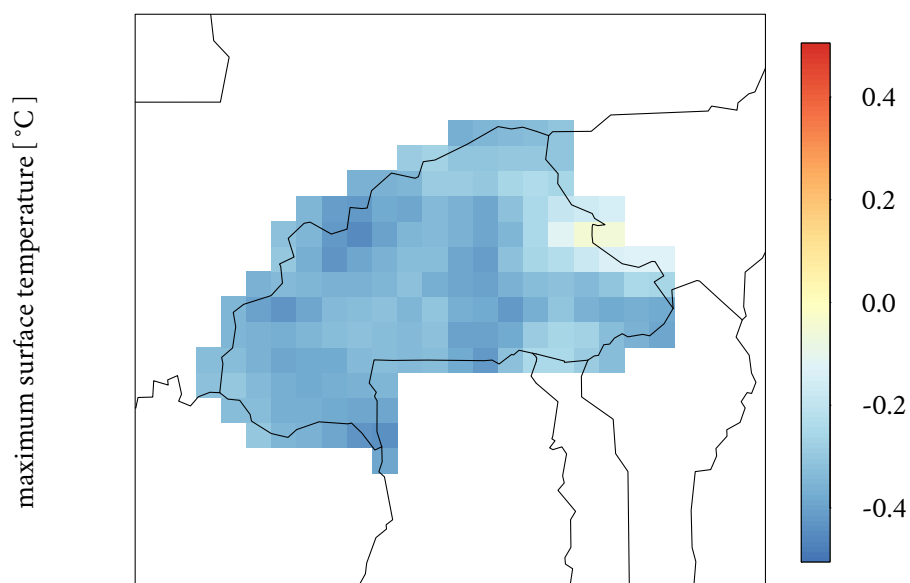


Figure 1375: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.1.4 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 1376: Mean across years, RCP 2.6, 2020 .. 2049

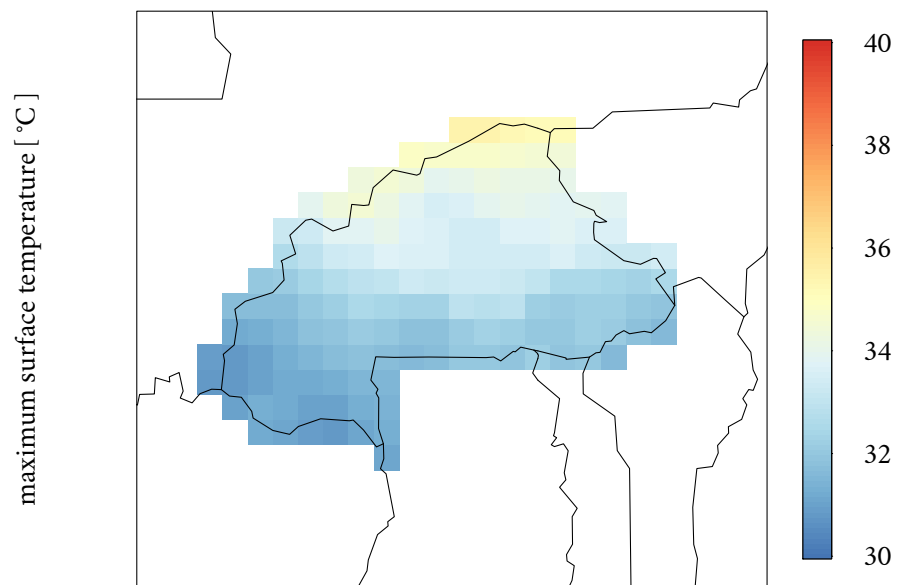


Figure 1377: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

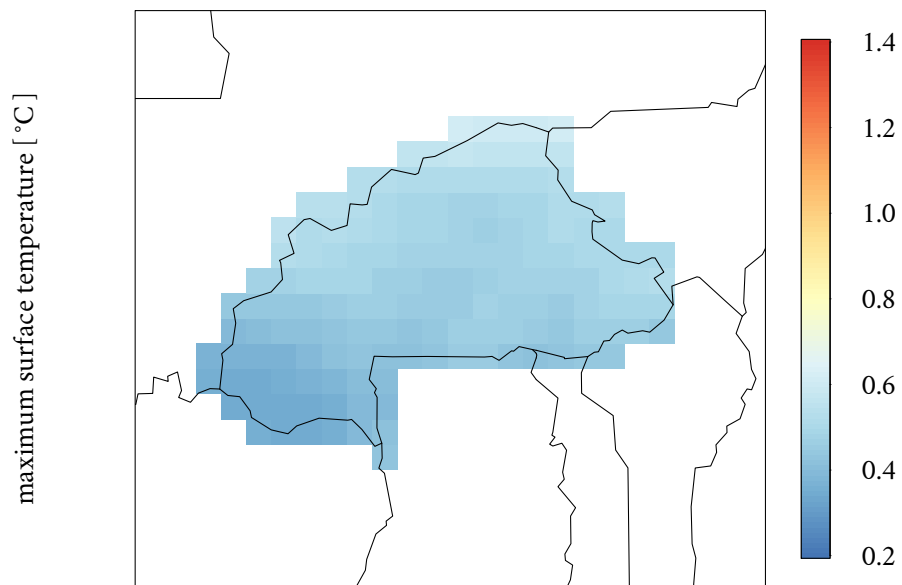


Figure 1378: Mean across years, RCP 2.6, 2060 .. 2089

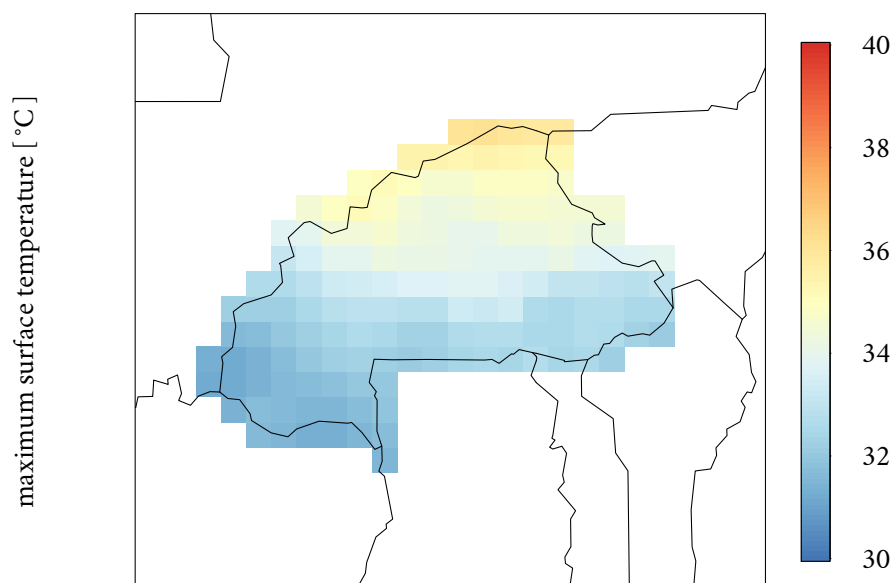


Figure 1379: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

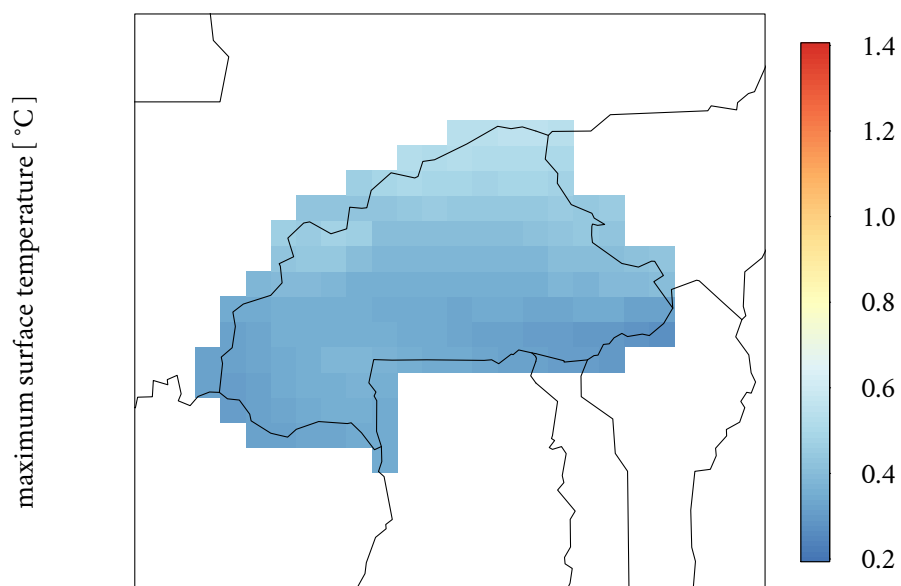
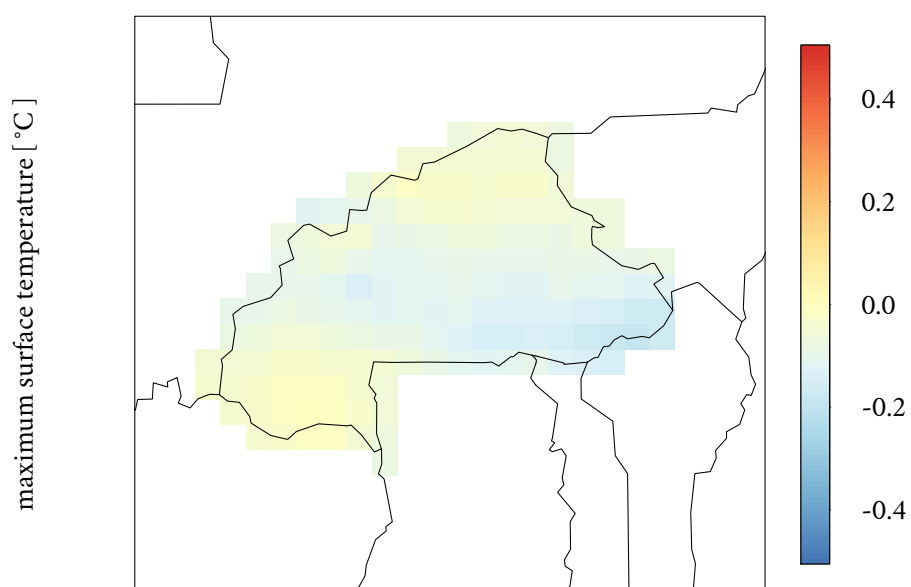


Figure 1380: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.1.5 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 1381: Mean across years, RCP 2.6, 2020 .. 2049

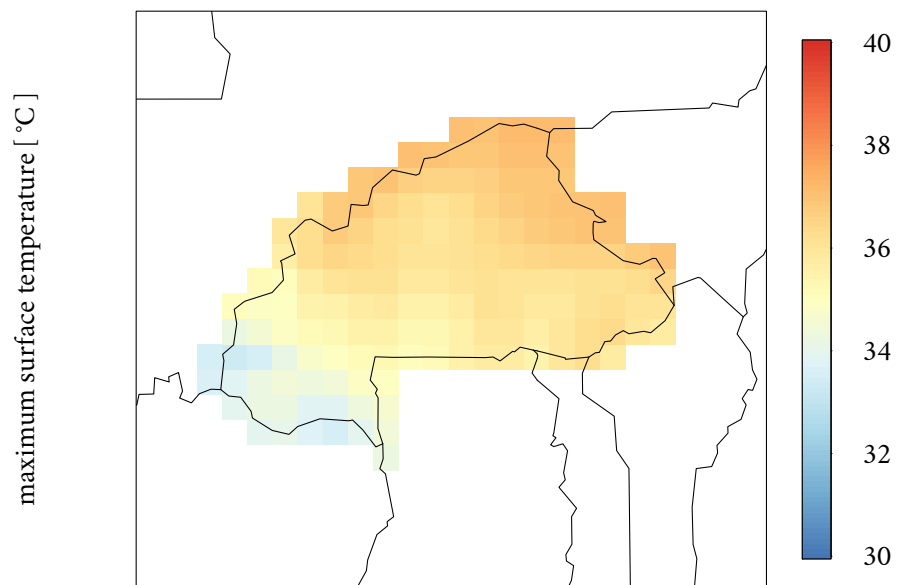


Figure 1382: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

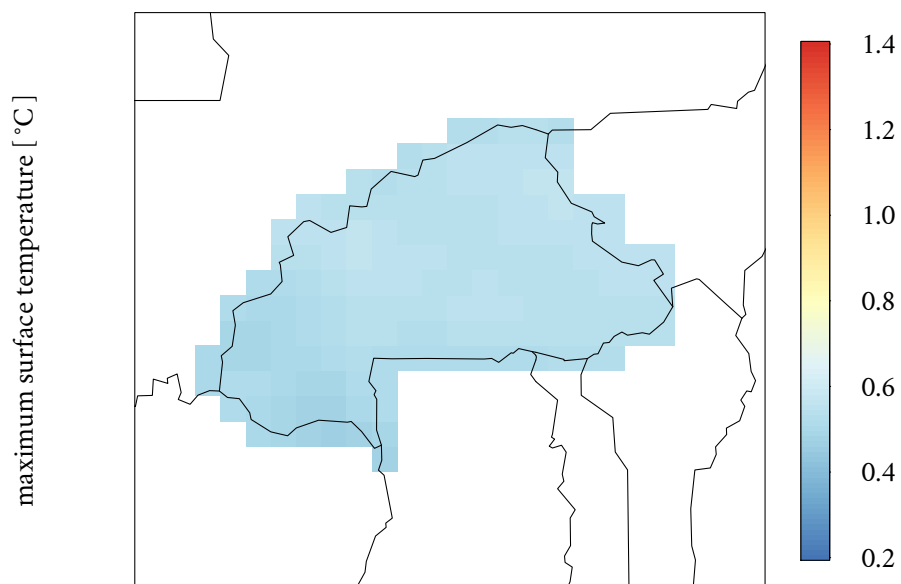


Figure 1383: Mean across years, RCP 2.6, 2060 .. 2089

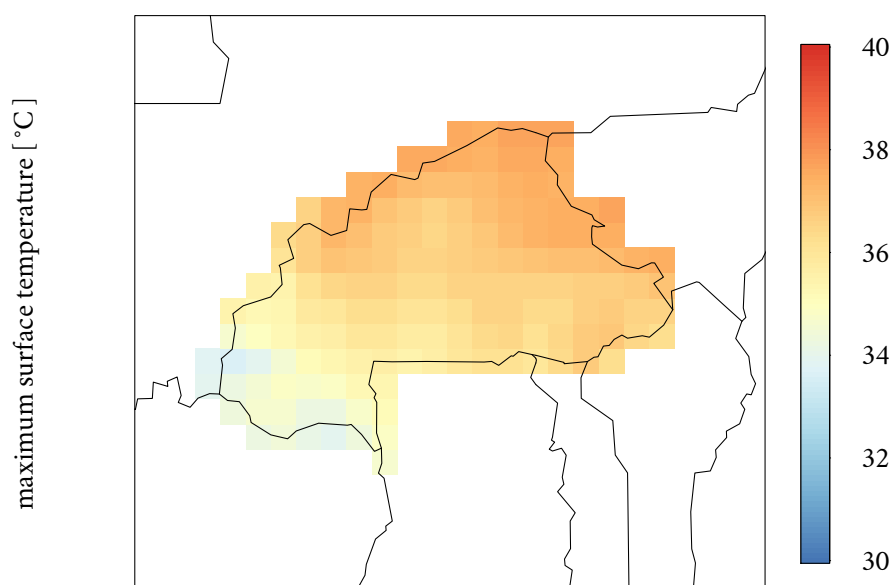


Figure 1384: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

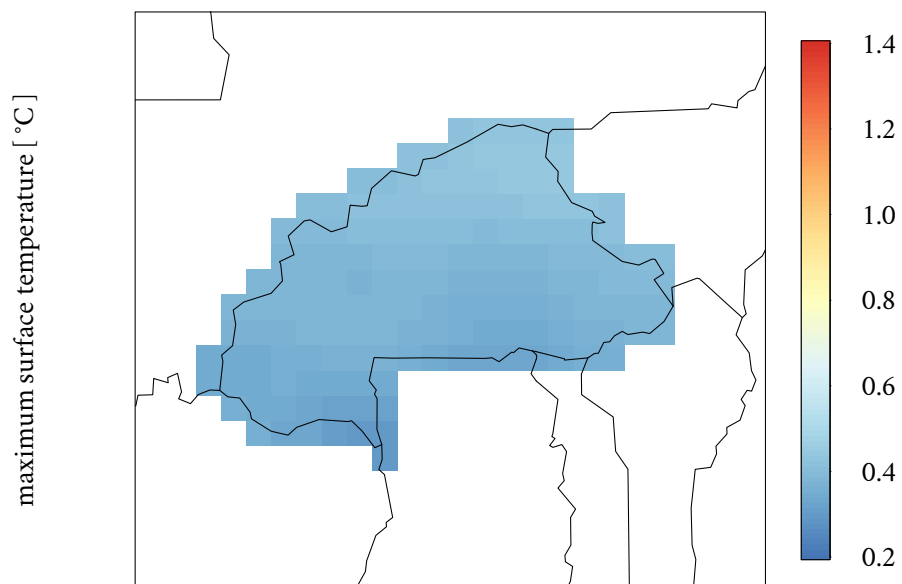
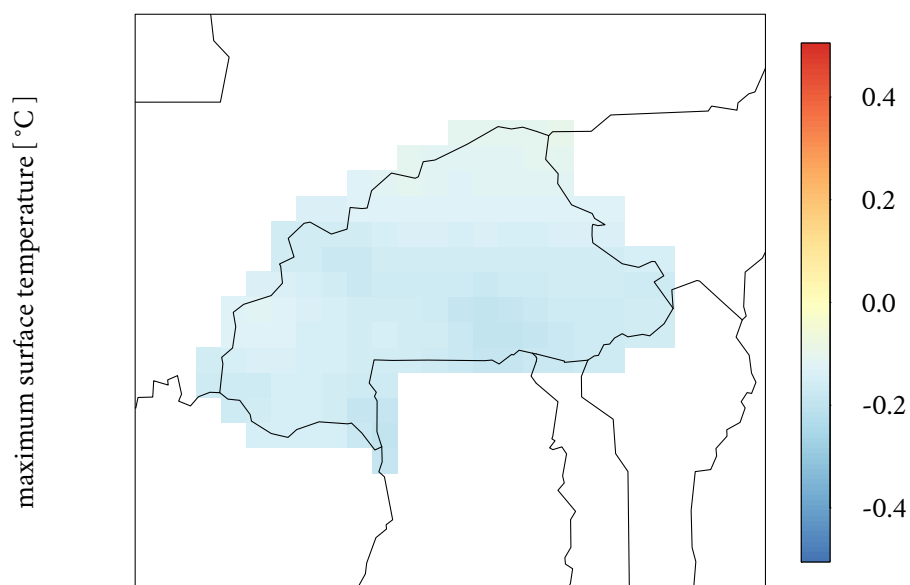


Figure 1385: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.1.6 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 1386: Mean across years, RCP 2.6, 2020 .. 2049

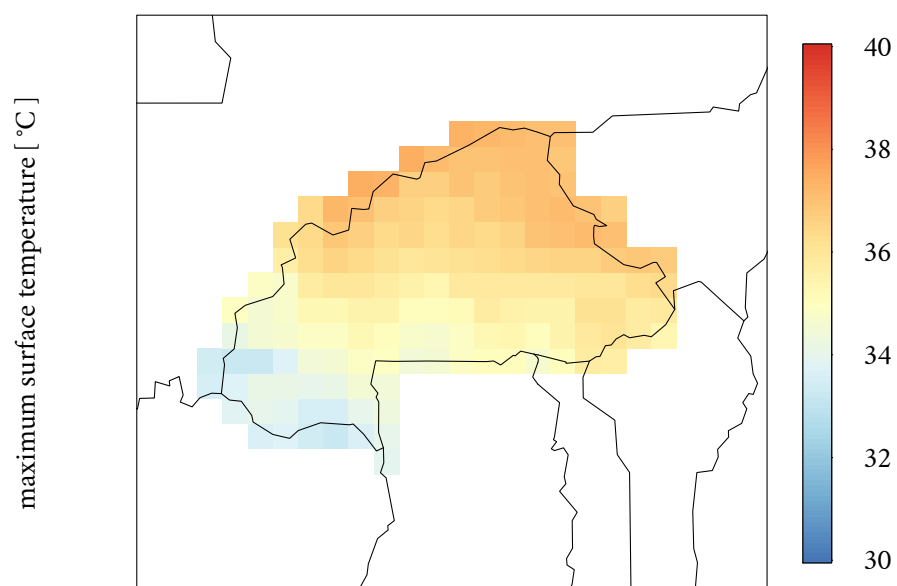


Figure 1387: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

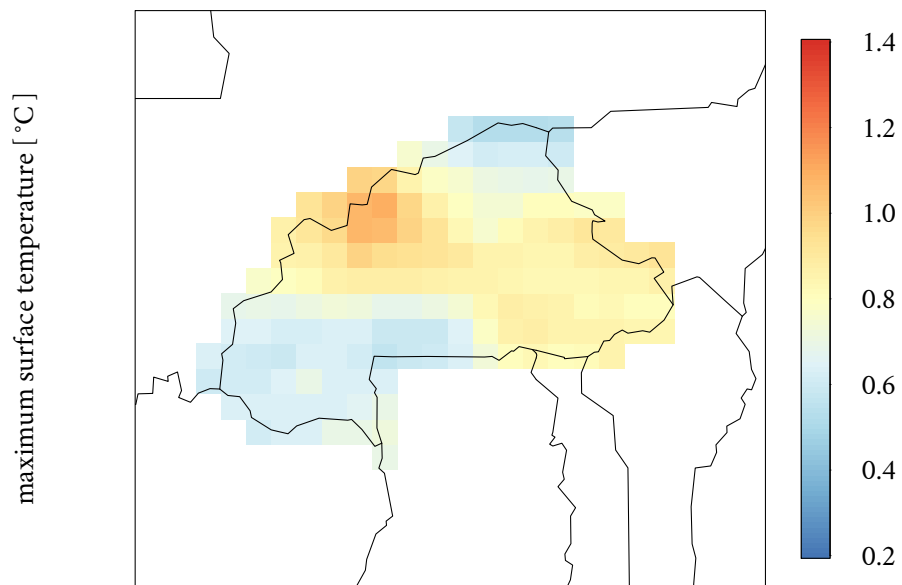


Figure 1388: Mean across years, RCP 2.6, 2060 .. 2089

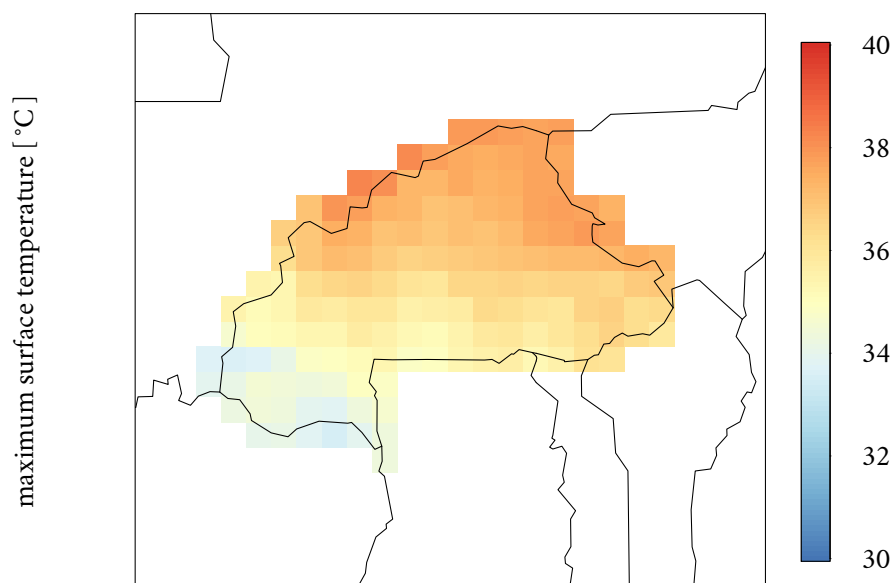


Figure 1389: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

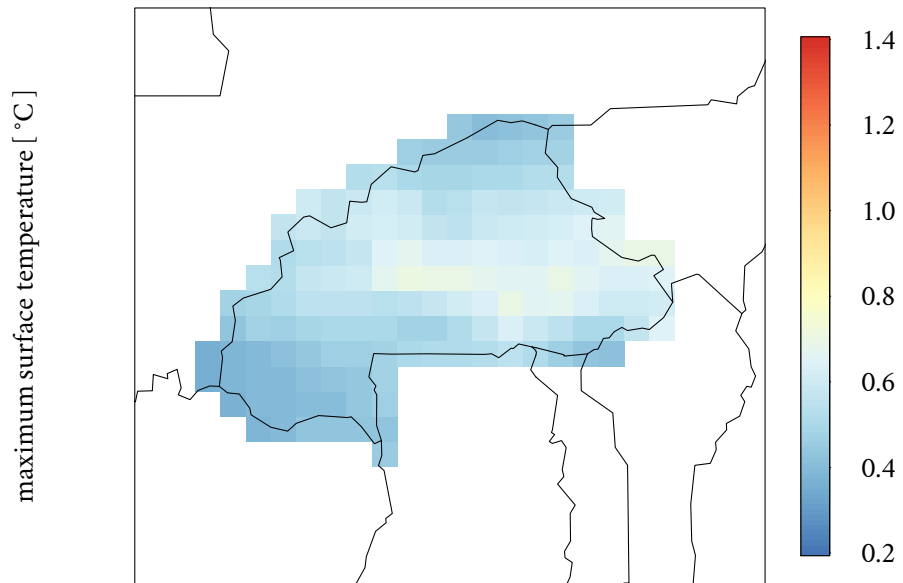
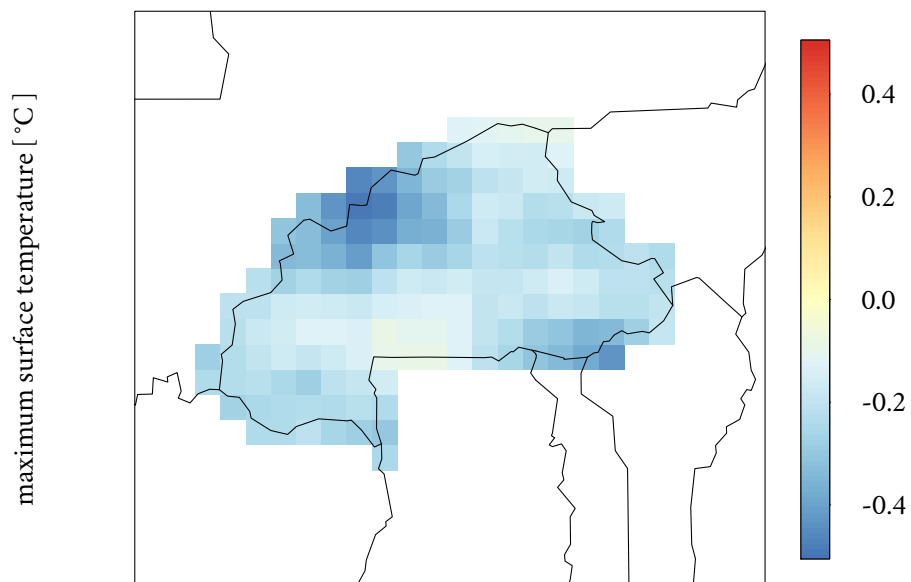


Figure 1390: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.1.7 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 1391: Mean across years, RCP 2.6, 2020 .. 2049

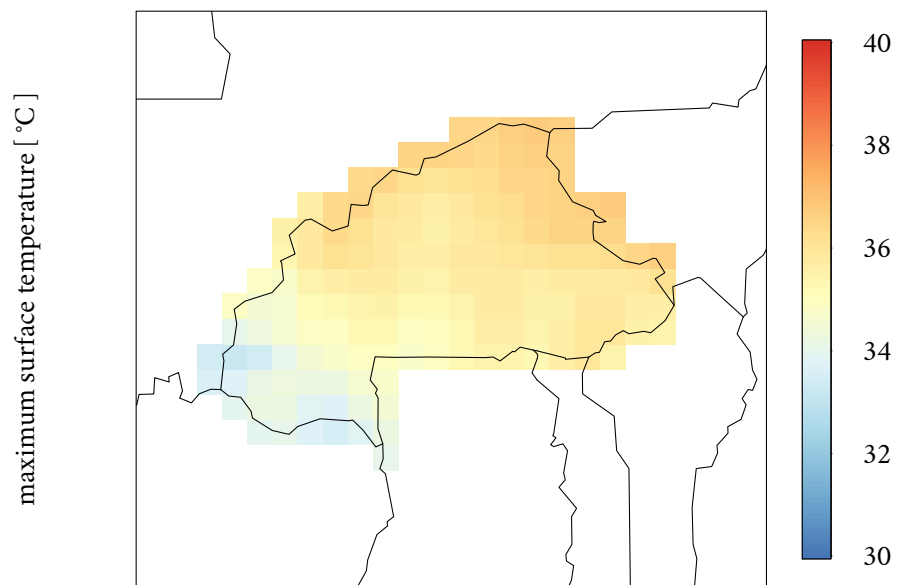


Figure 1392: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

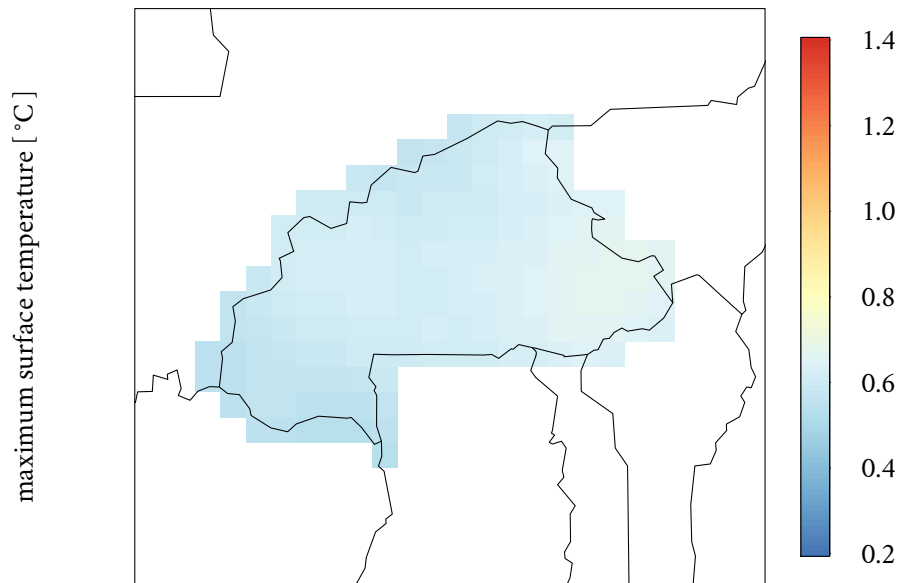


Figure 1393: Mean across years, RCP 2.6, 2060 .. 2089

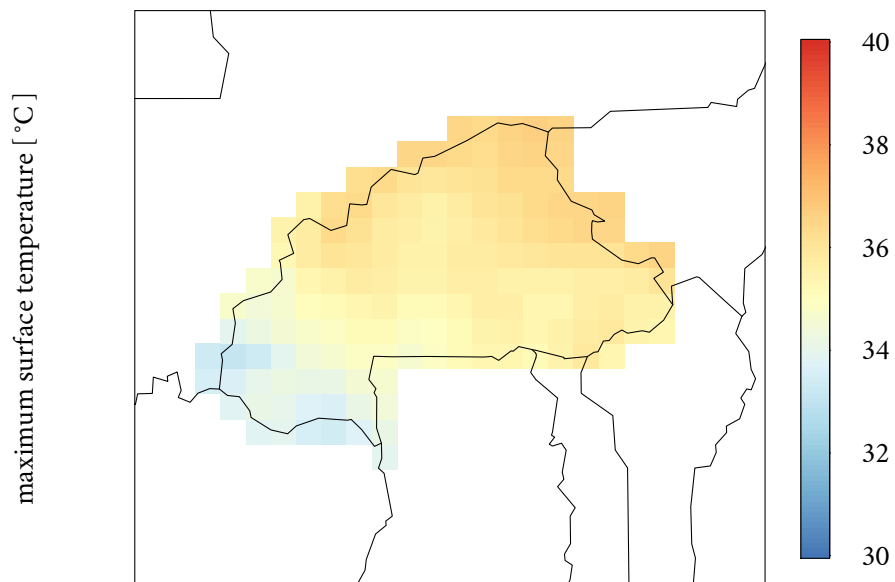


Figure 1394: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

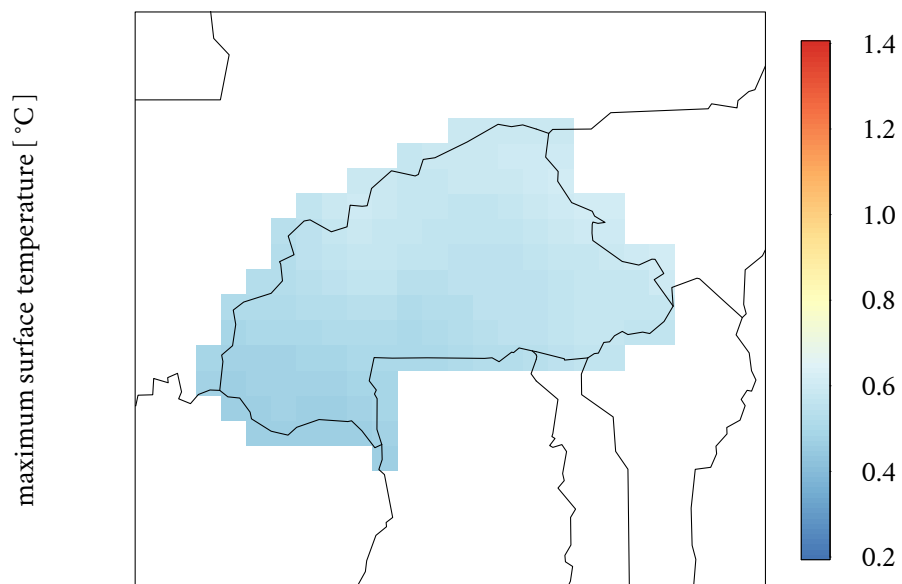
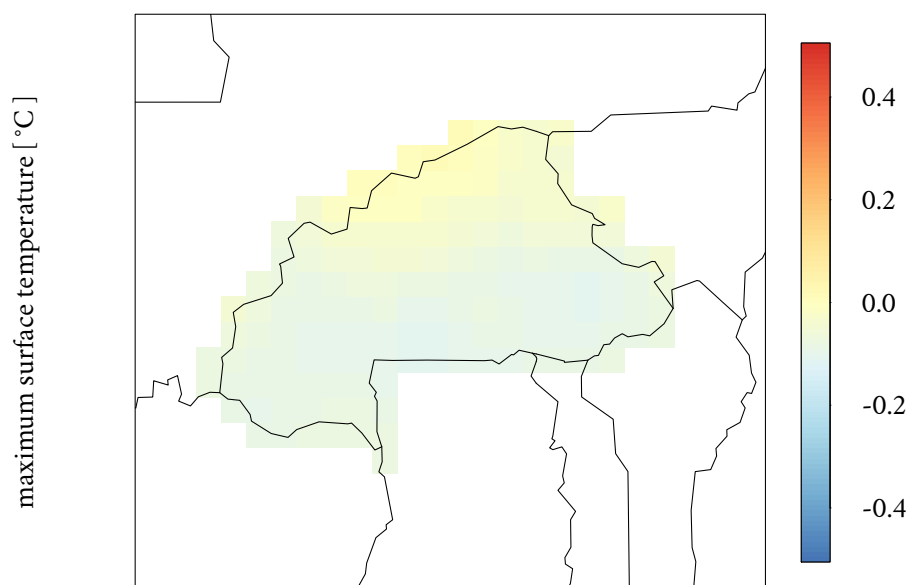


Figure 1395: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.1.8 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 1396: Mean across years, RCP 2.6, 2020 .. 2049

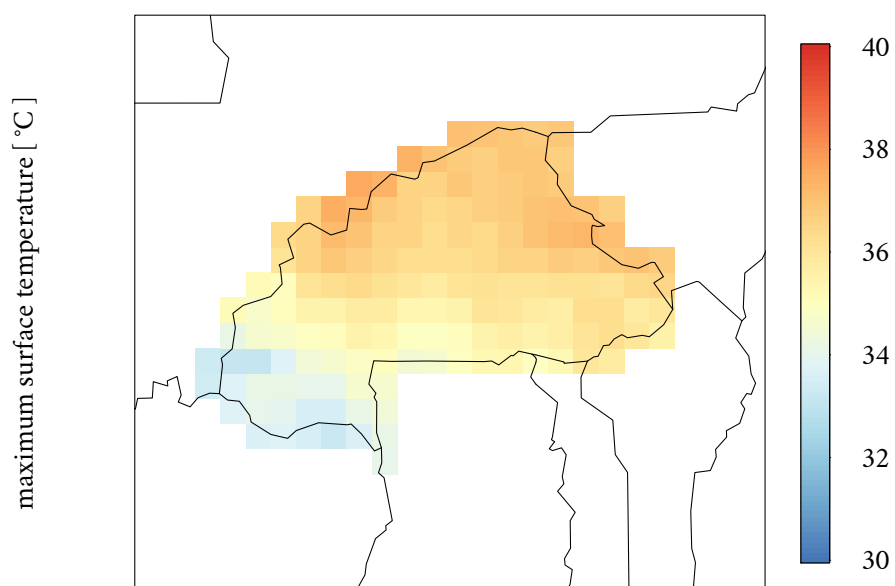


Figure 1397: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

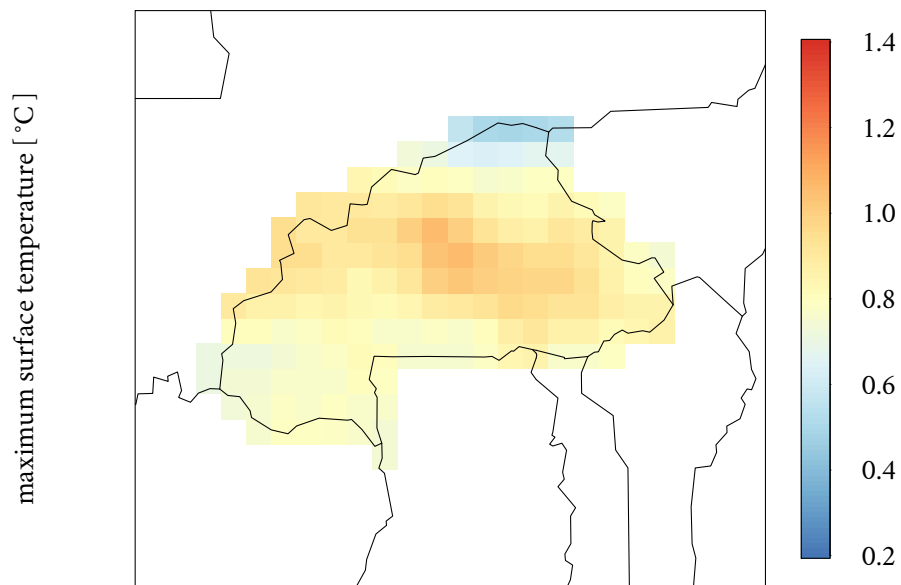


Figure 1398: Mean across years, RCP 2.6, 2060 .. 2089

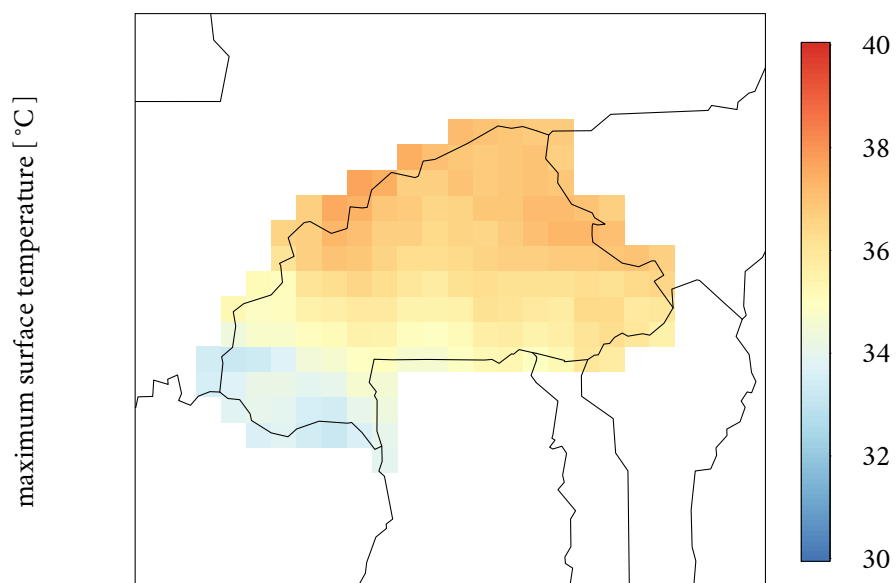


Figure 1399: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

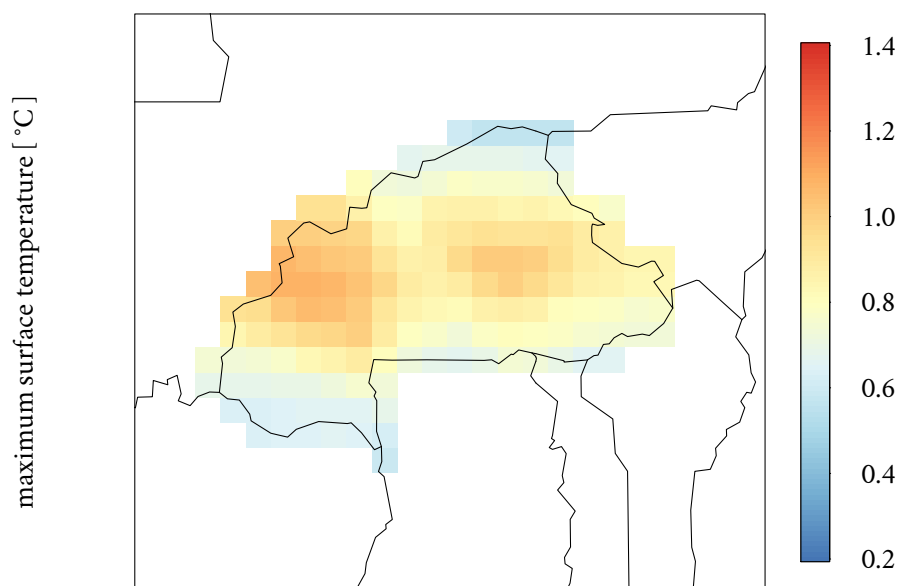
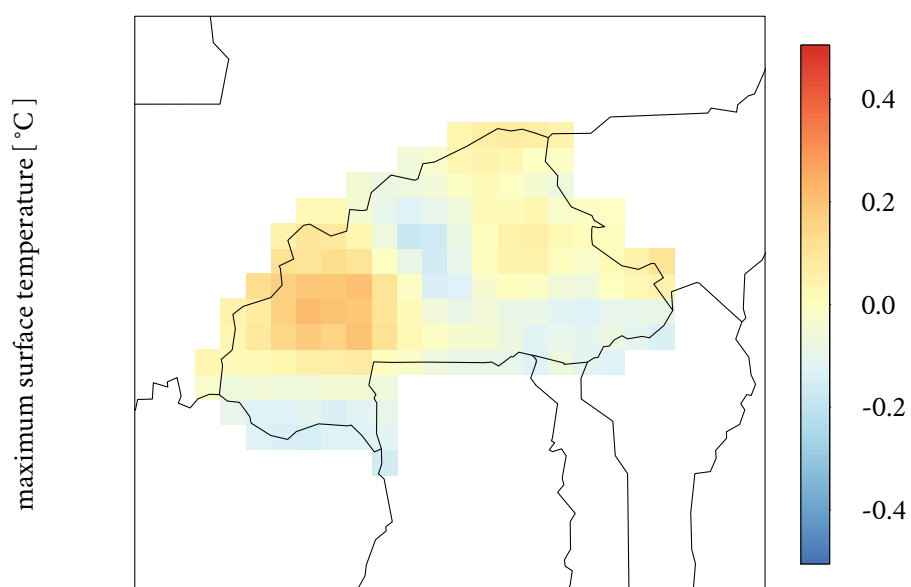


Figure 1400: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.1.9 GCM NCC-NorESM1-M / RCM RCA4

Figure 1401: Mean across years, RCP 2.6, 2020 .. 2049

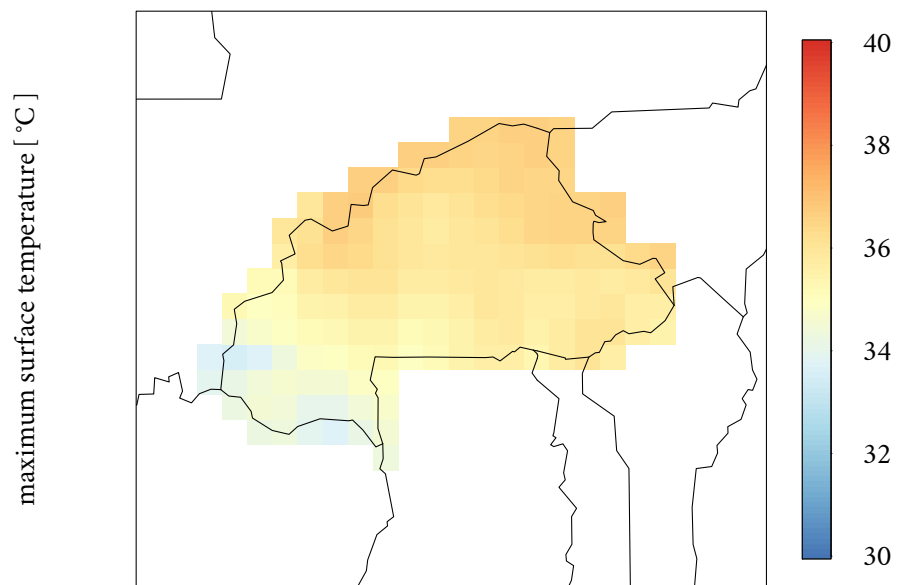


Figure 1402: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

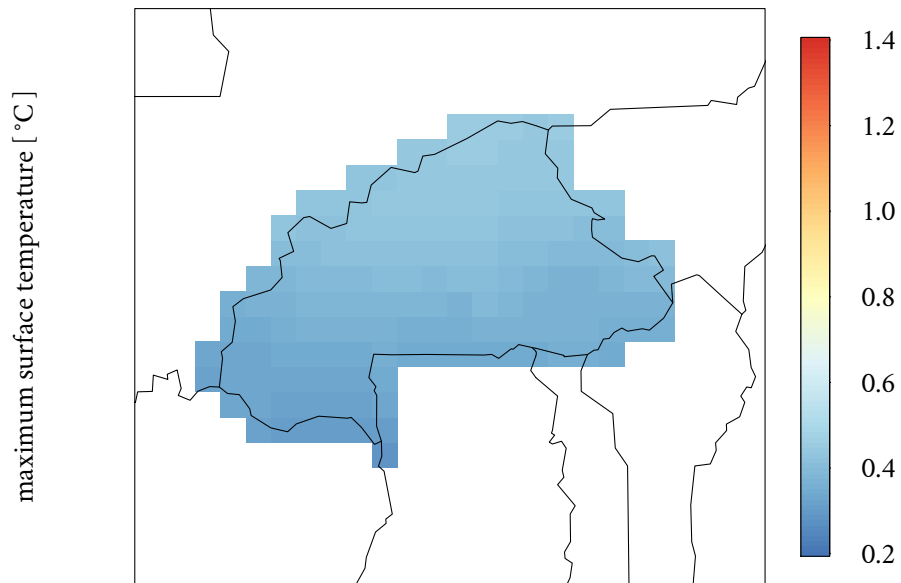


Figure 1403: Mean across years, RCP 2.6, 2060 .. 2089

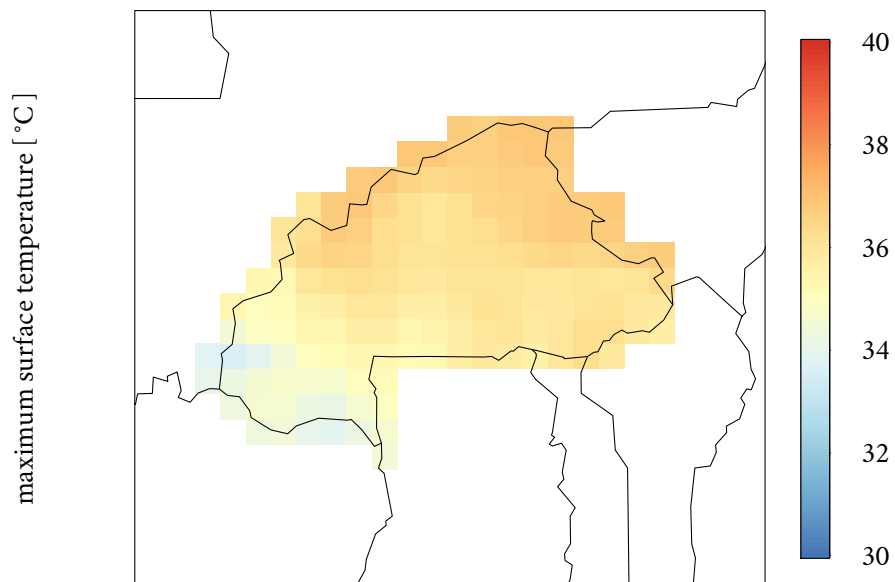


Figure 1404: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

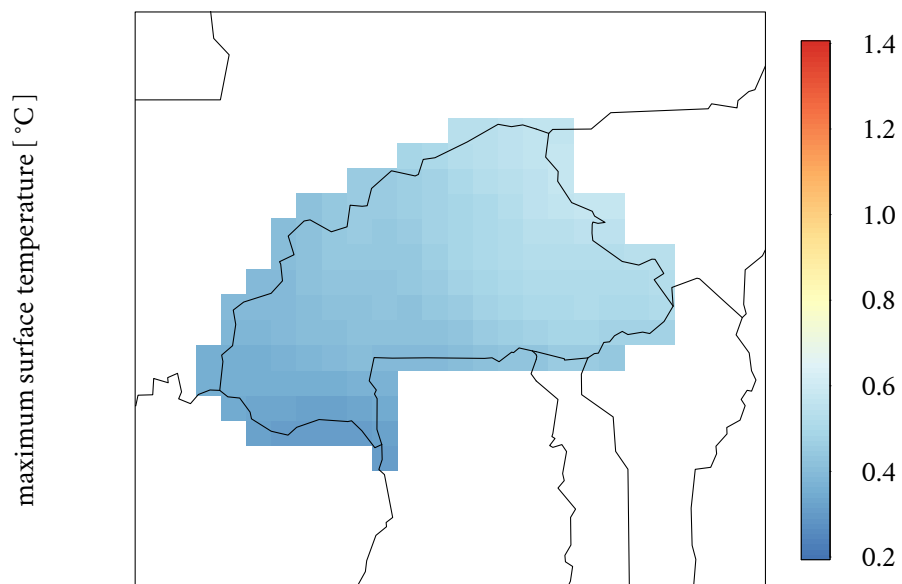
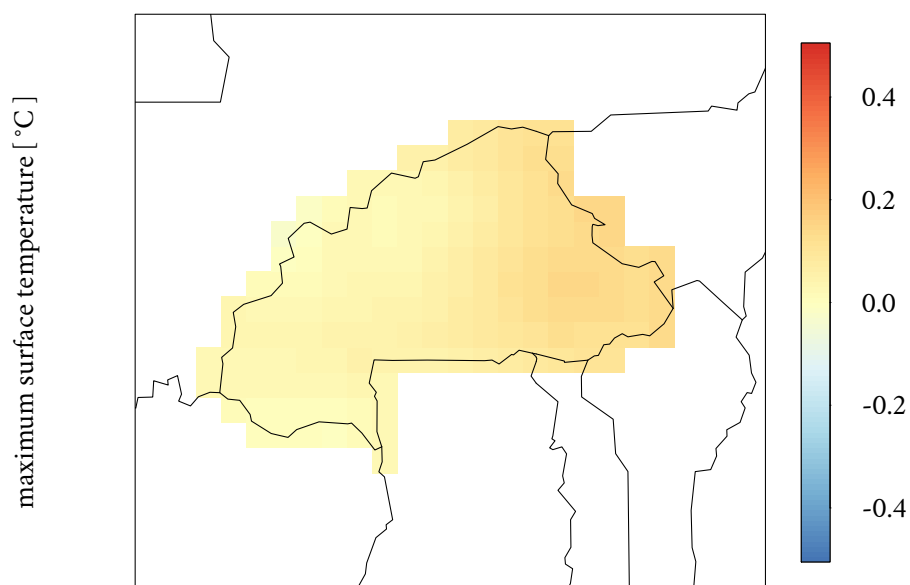


Figure 1405: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.1.10 GCM NOAA-GFDL-GFDL-ESM2G / RCM REMO2009

Figure 1406: Mean across years, RCP 2.6, 2020 .. 2049

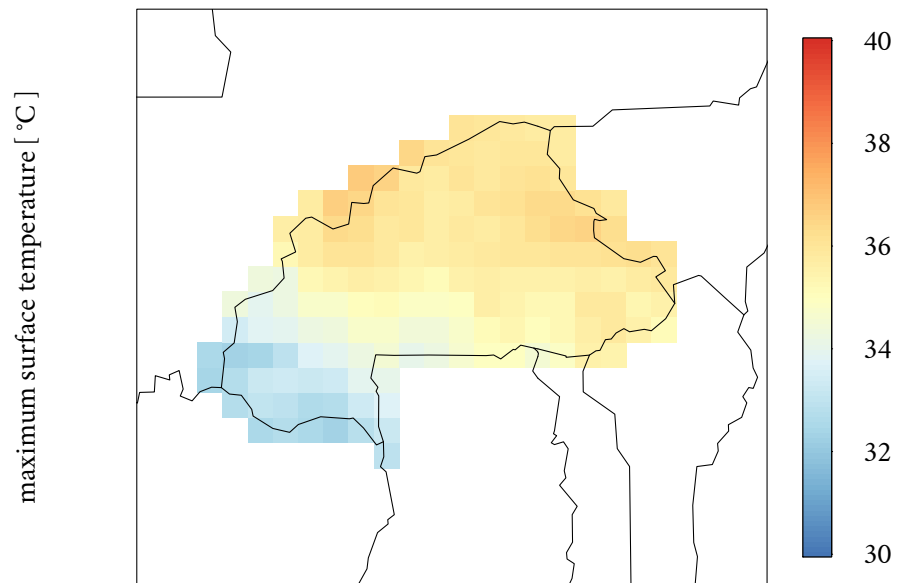


Figure 1407: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

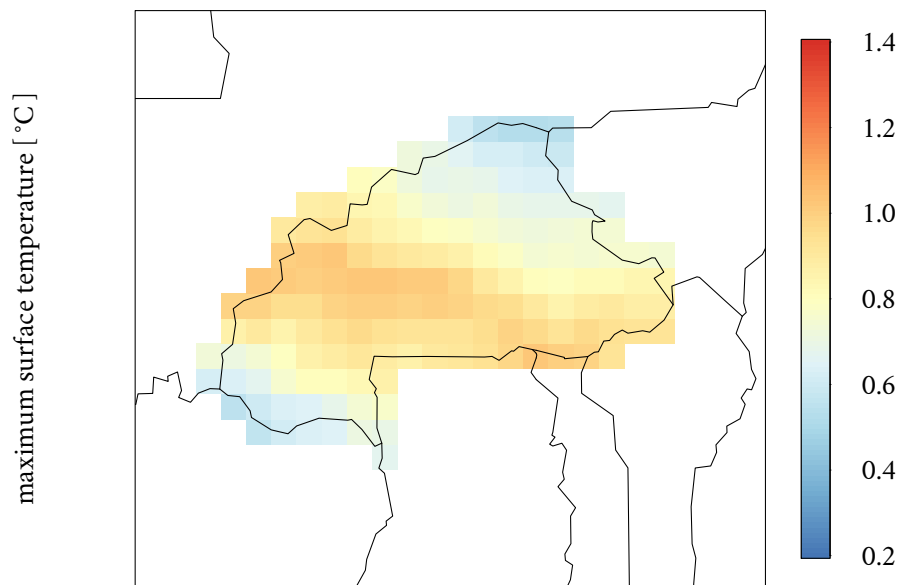


Figure 1408: Mean across years, RCP 2.6, 2060 .. 2089

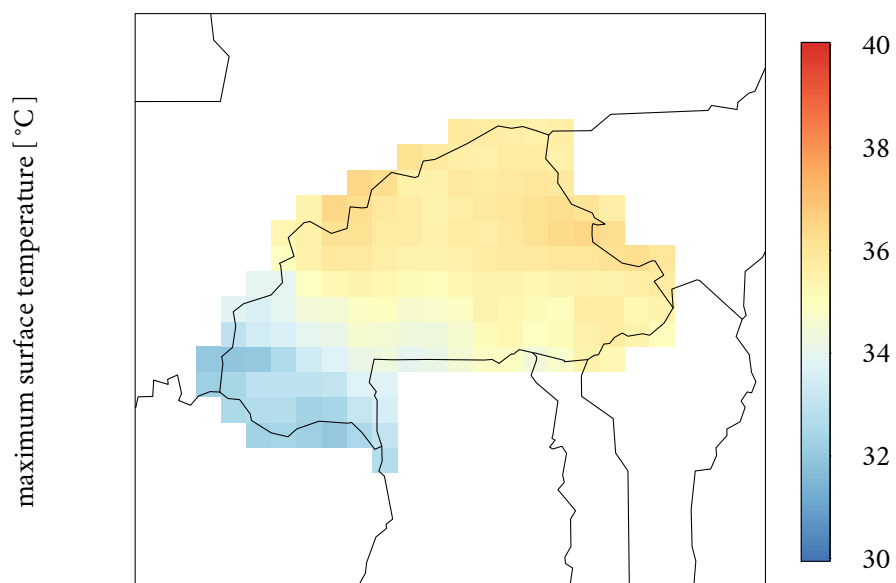


Figure 1409: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

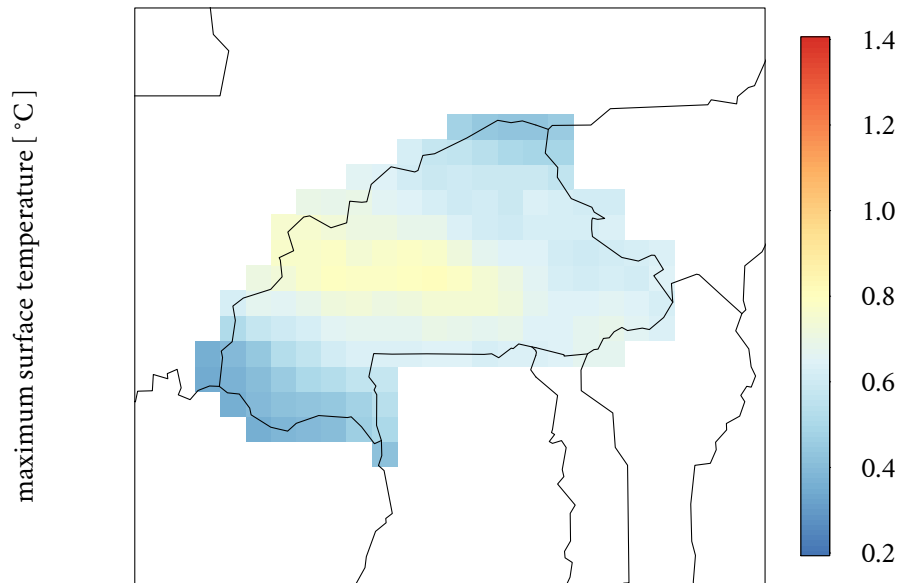
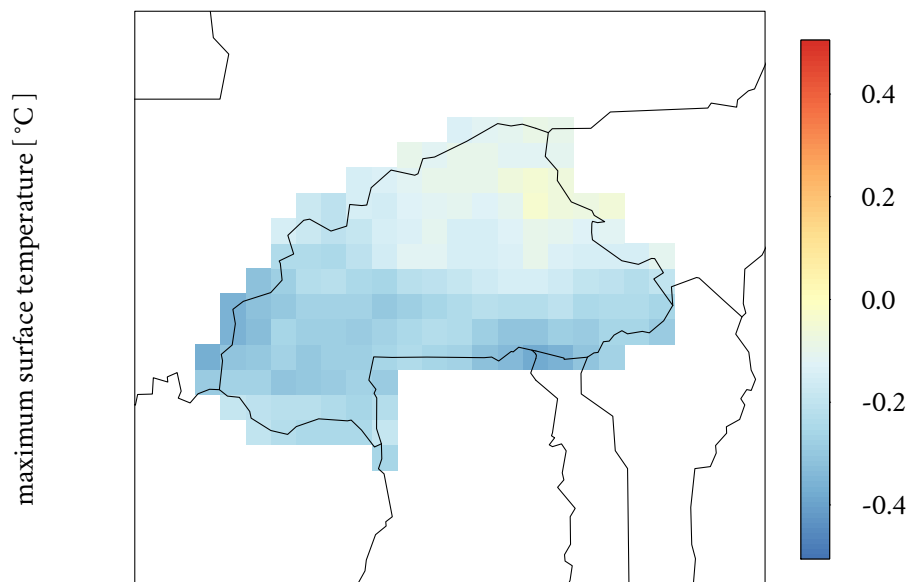


Figure 1410: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.2 Burkina Faso / RCP 8.5

E.2.1 GCM CCCma-CanESM2 / RCM RCA4

Figure 1411: Mean across years, RCP 8.5, 2020 .. 2049

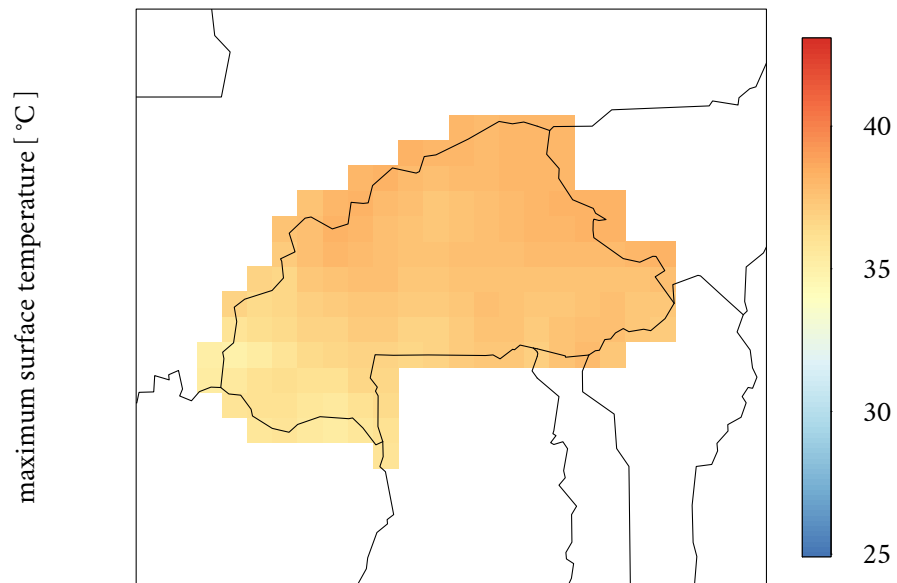


Figure 1412: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

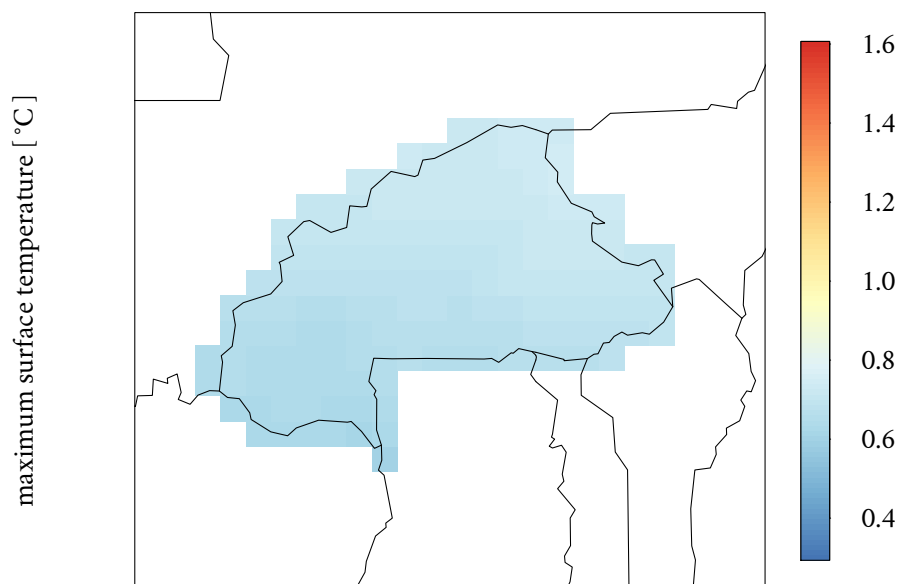


Figure 1413: Mean across years, RCP 8.5, 2060 .. 2089

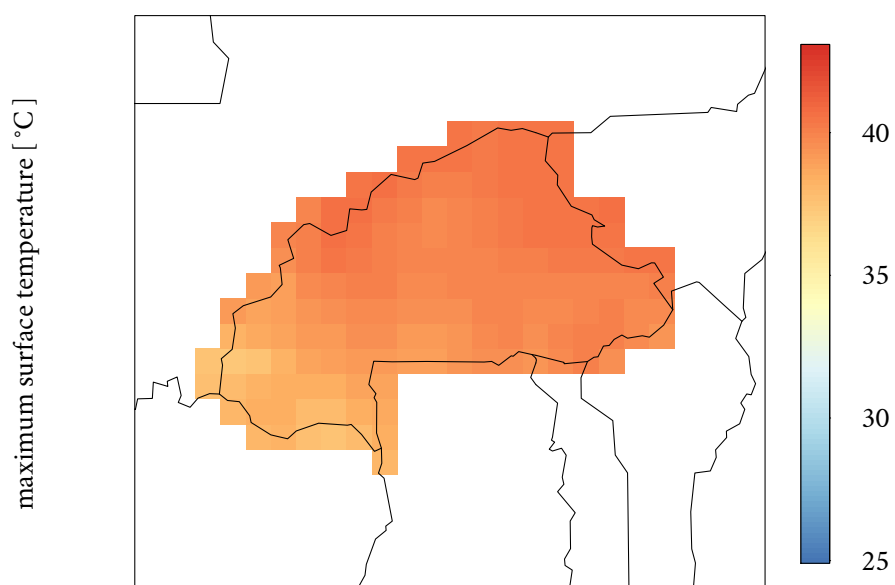


Figure 1414: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

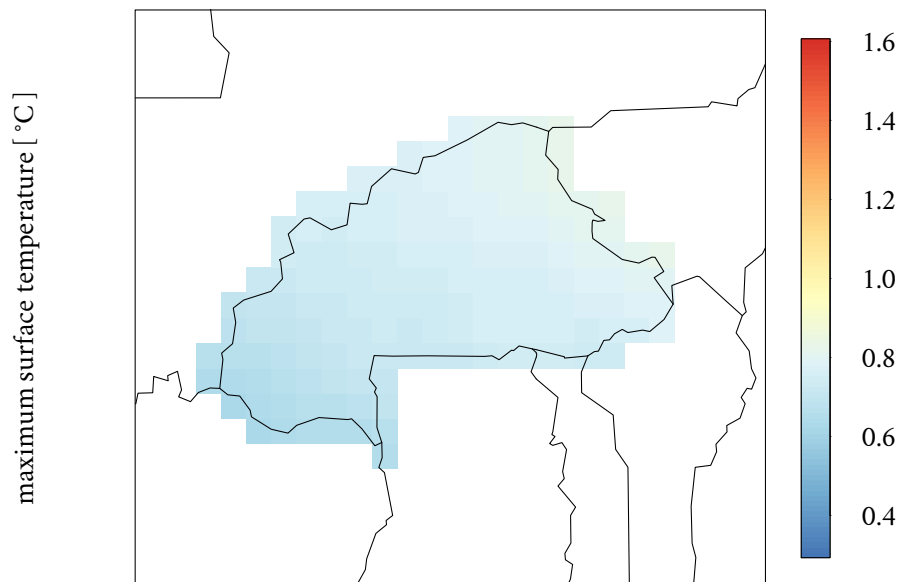
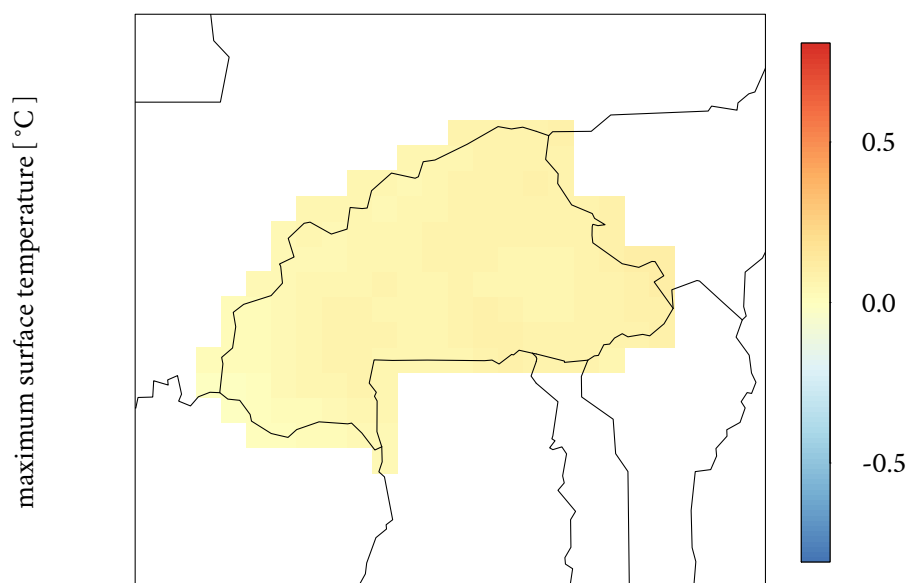


Figure 1415: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.2 GCM CNRM-CERFACS-CNRM-CM5 / RCM CCLM4-8-17

Figure 1416: Mean across years, RCP 8.5, 2020 .. 2049

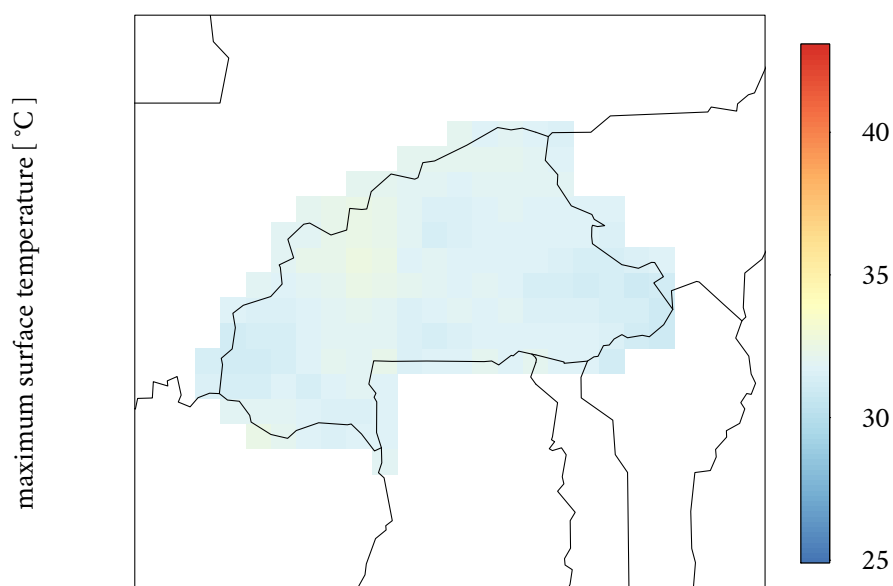


Figure 1417: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

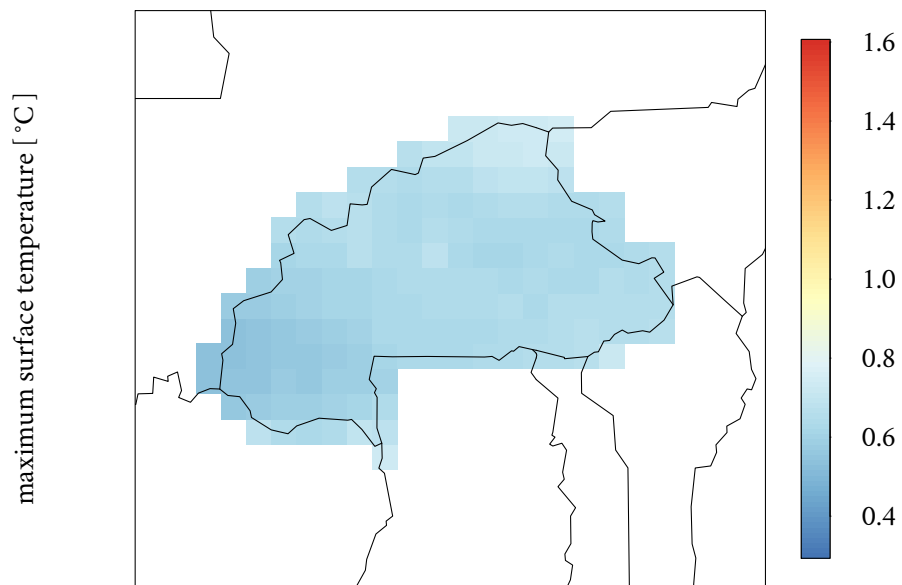


Figure 1418: Mean across years, RCP 8.5, 2060 .. 2089

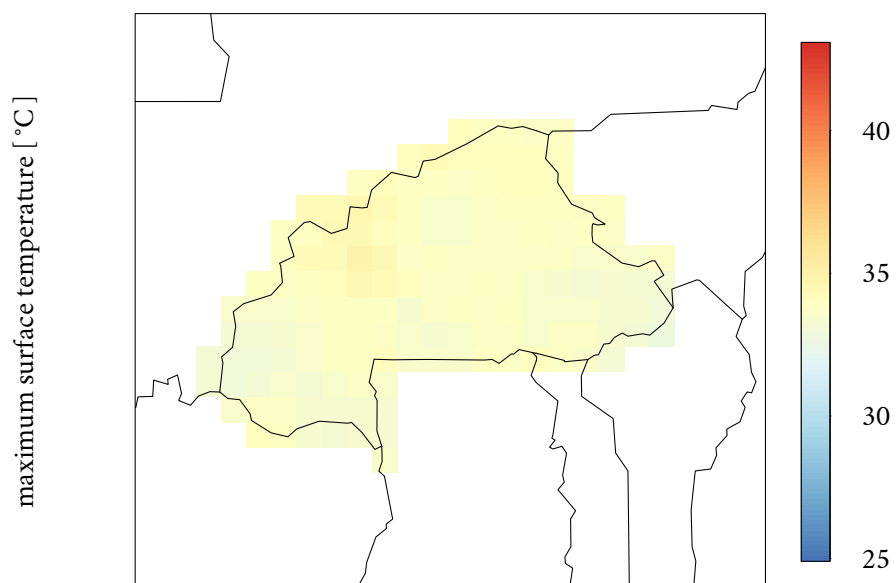


Figure 1419: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

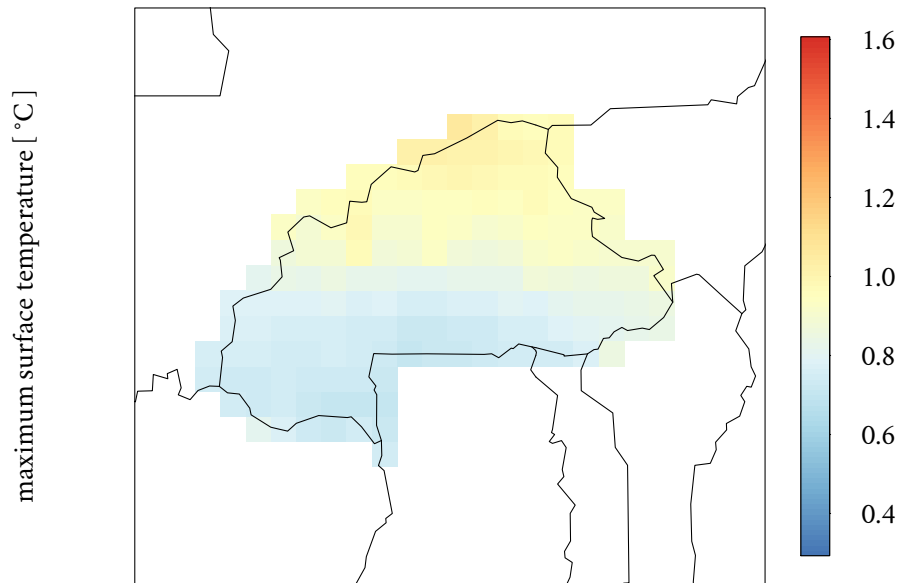
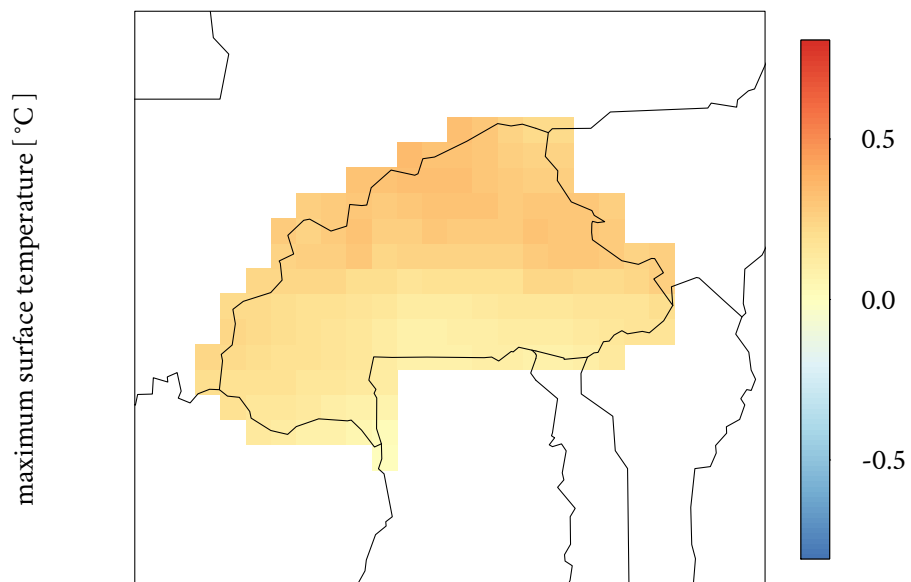


Figure 1420: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.3 GCM CNRM-CERFACS-CNRM-CM5 / RCM RCA4

Figure 1421: Mean across years, RCP 8.5, 2020 .. 2049

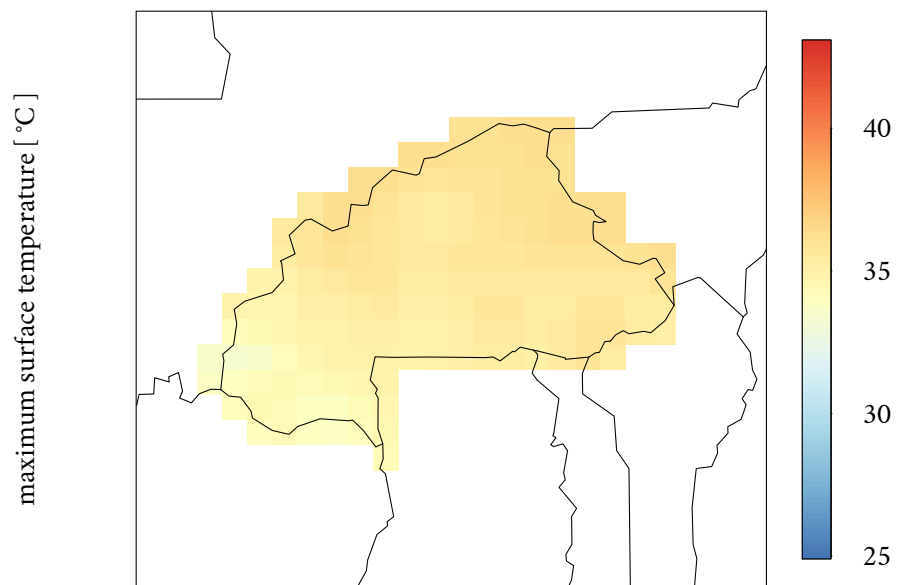


Figure 1422: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

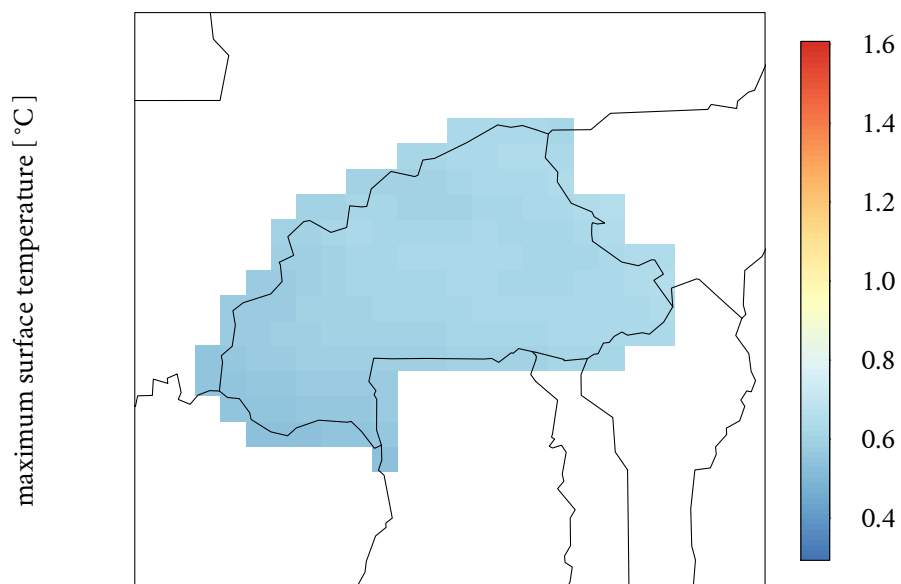


Figure 1423: Mean across years, RCP 8.5, 2060 .. 2089

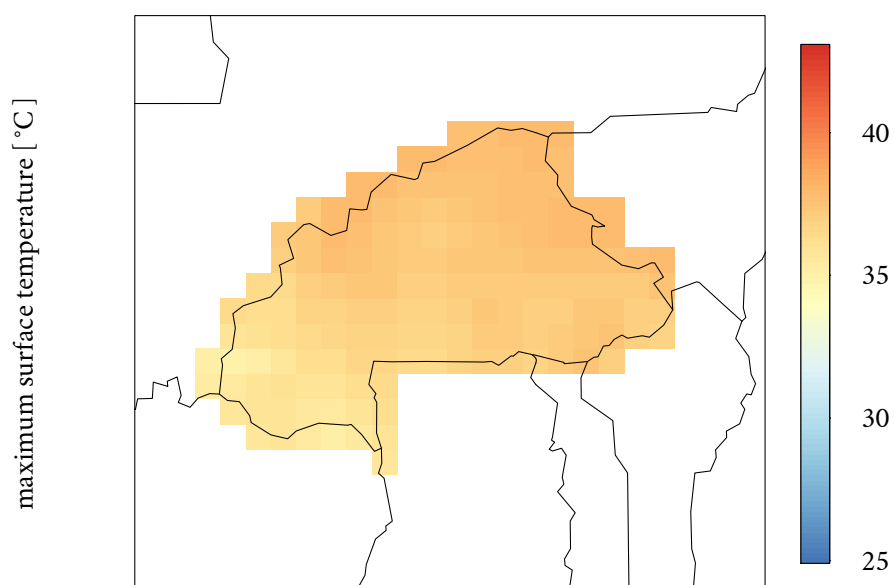


Figure 1424: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

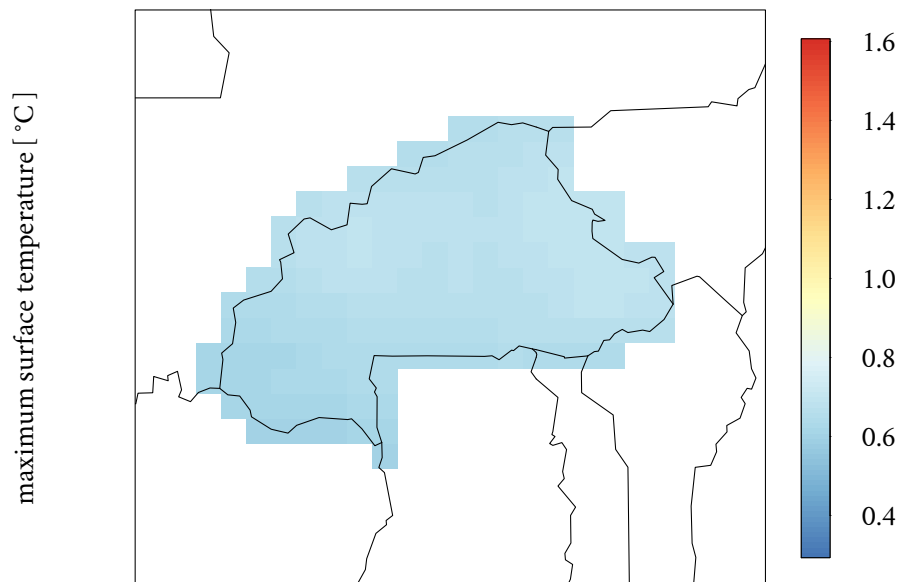
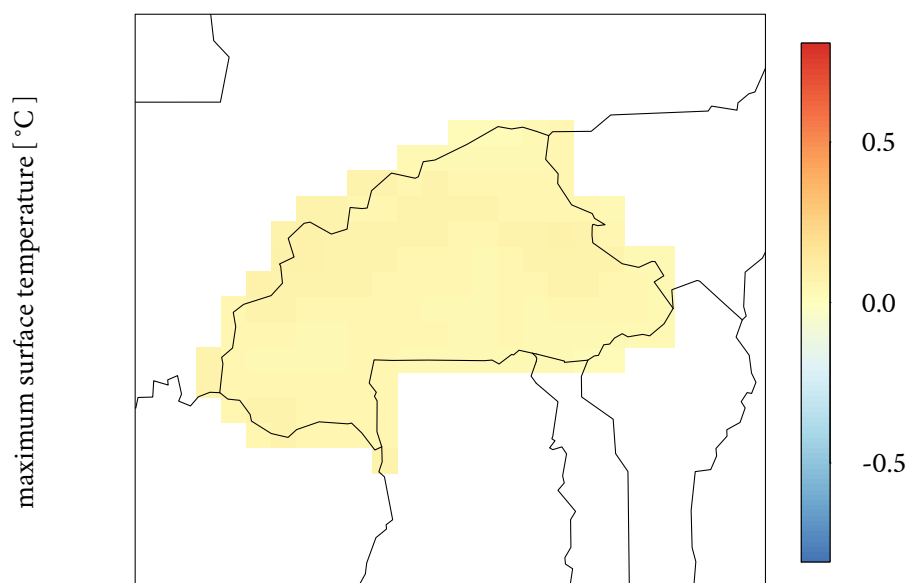


Figure 1425: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.4 GCM CSIRO-QCCCE-CSIRO-Mk3-6-0 / RCM RCA4

Figure 1426: Mean across years, RCP 8.5, 2020 .. 2049

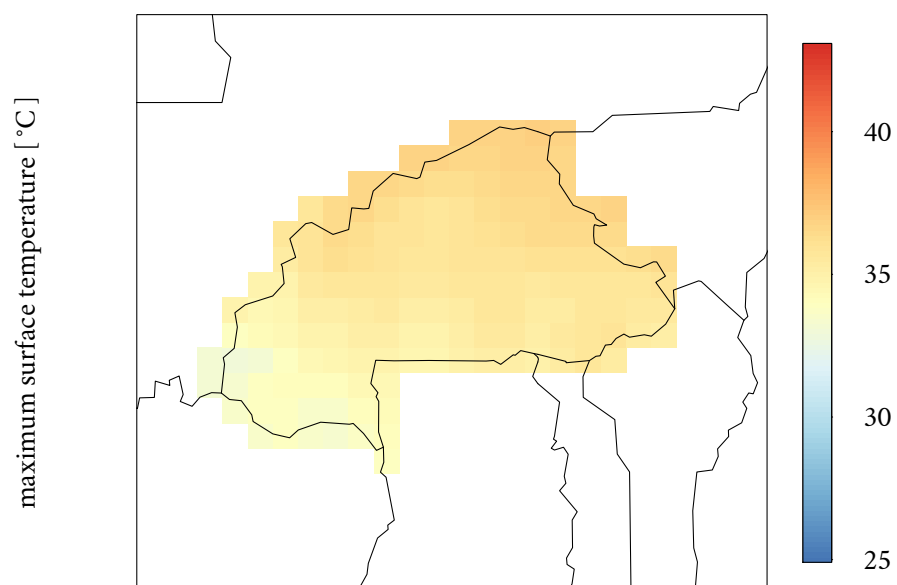


Figure 1427: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

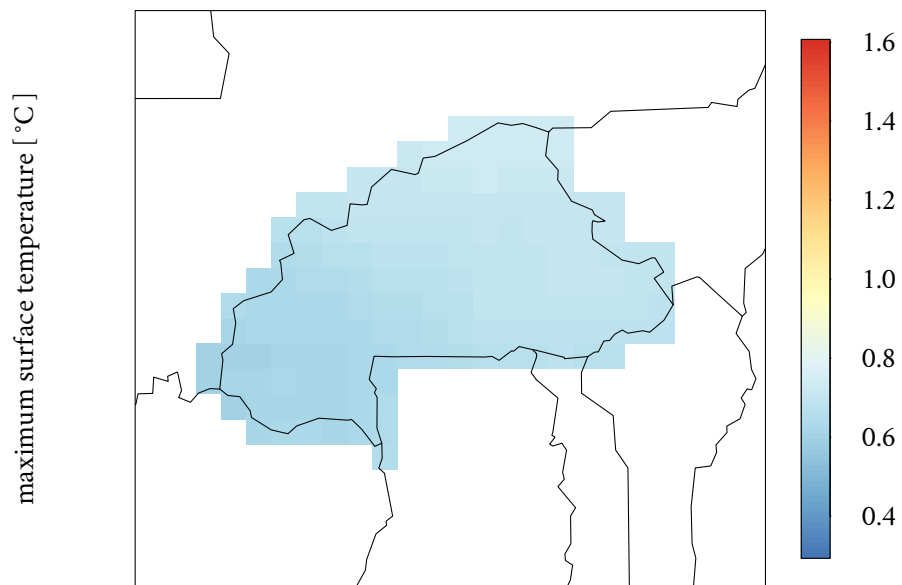


Figure 1428: Mean across years, RCP 8.5, 2060 .. 2089

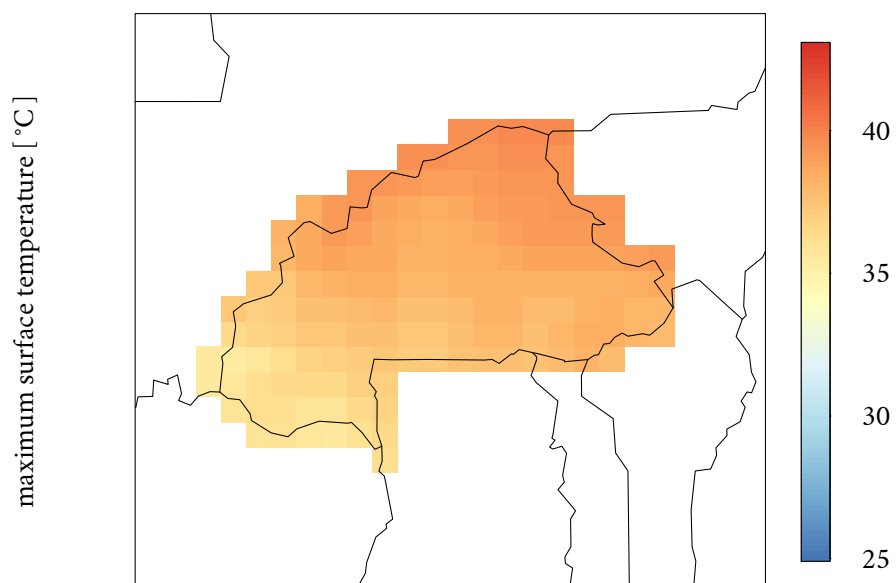


Figure 1429: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

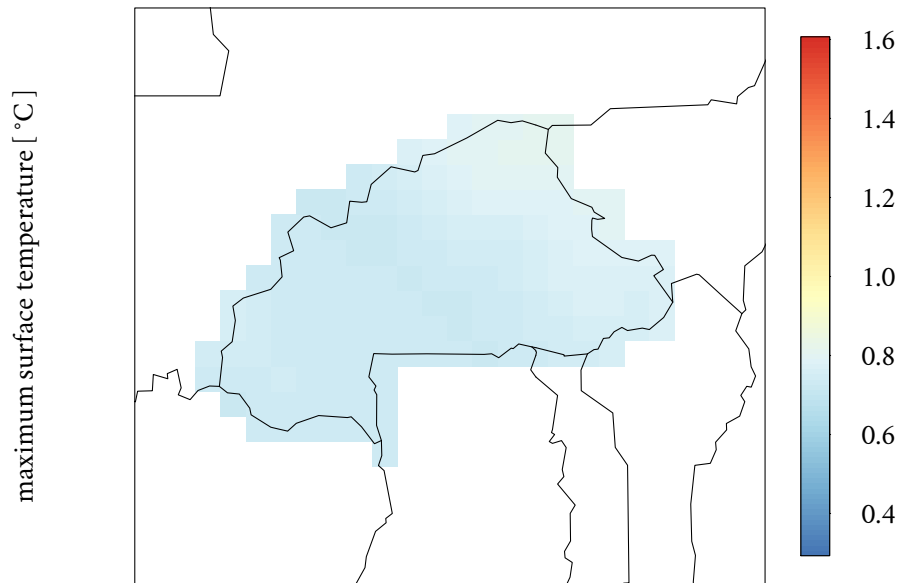
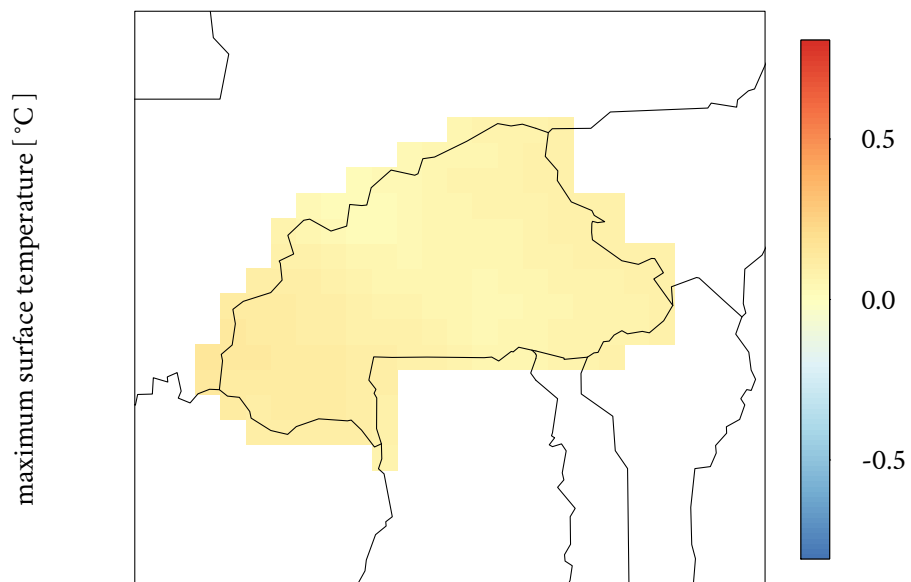


Figure 1430: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.5 GCM ICHEC-EC-EARTH / RCM RACMO22T

Figure 1431: Mean across years, RCP 8.5, 2020 .. 2049

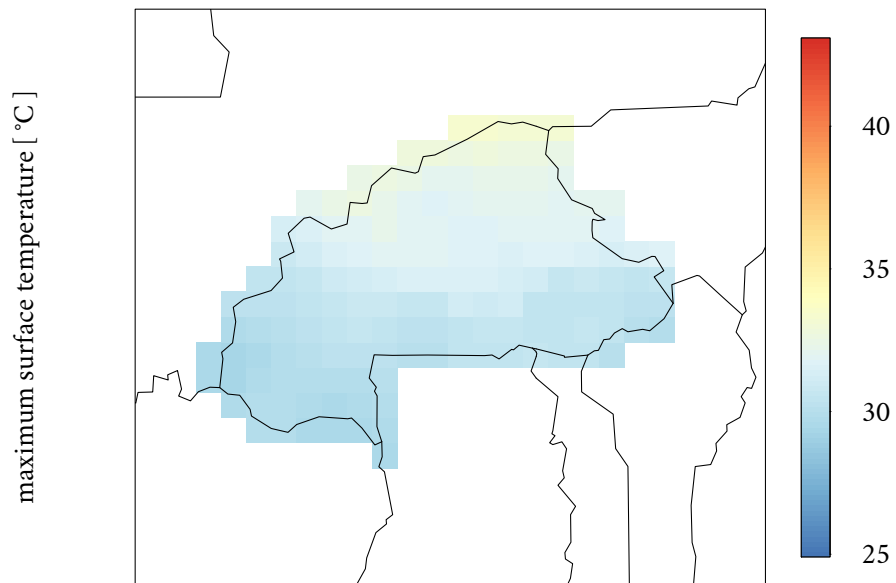


Figure 1432: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

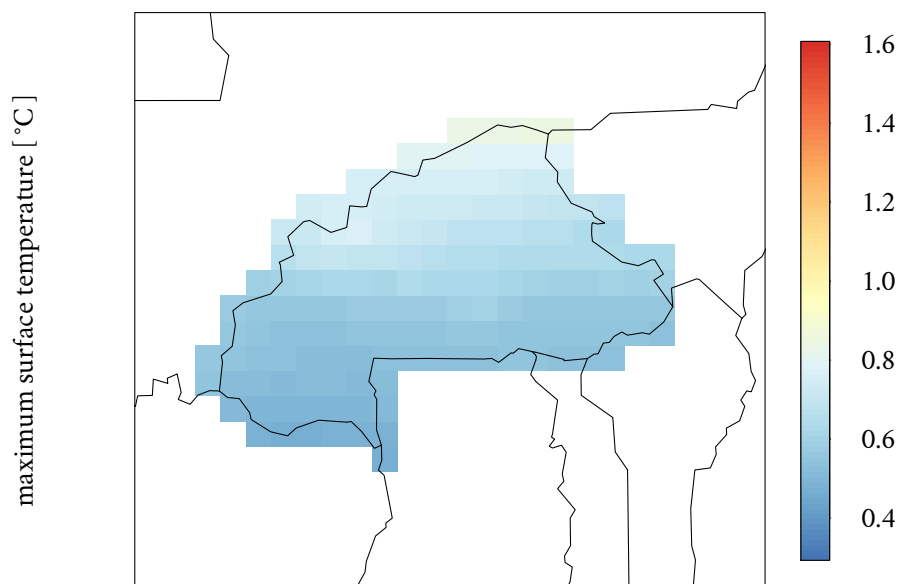


Figure 1433: Mean across years, RCP 8.5, 2060 .. 2089

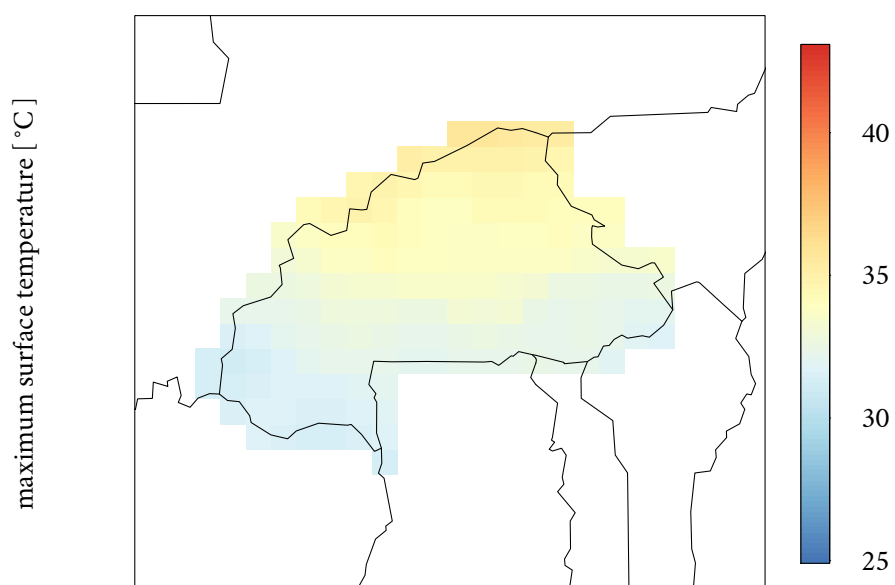


Figure 1434: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

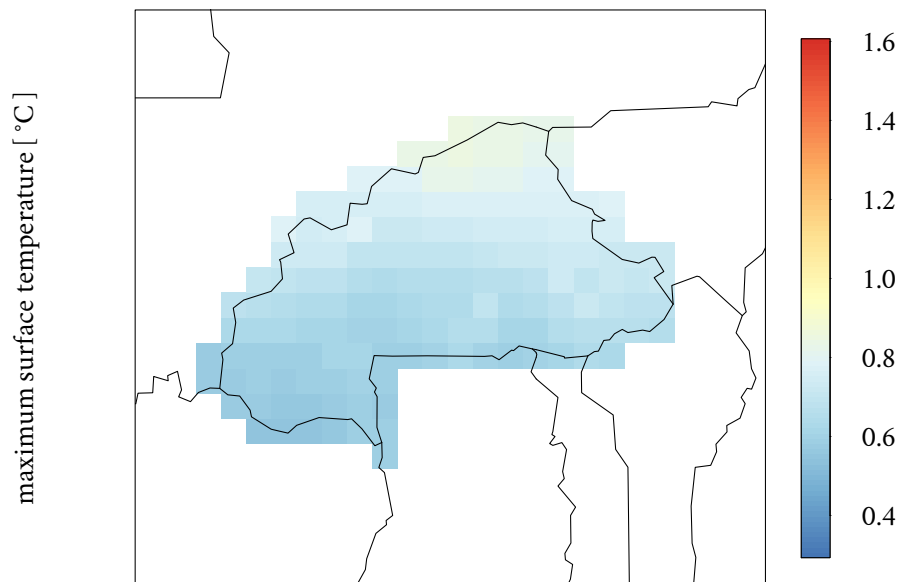
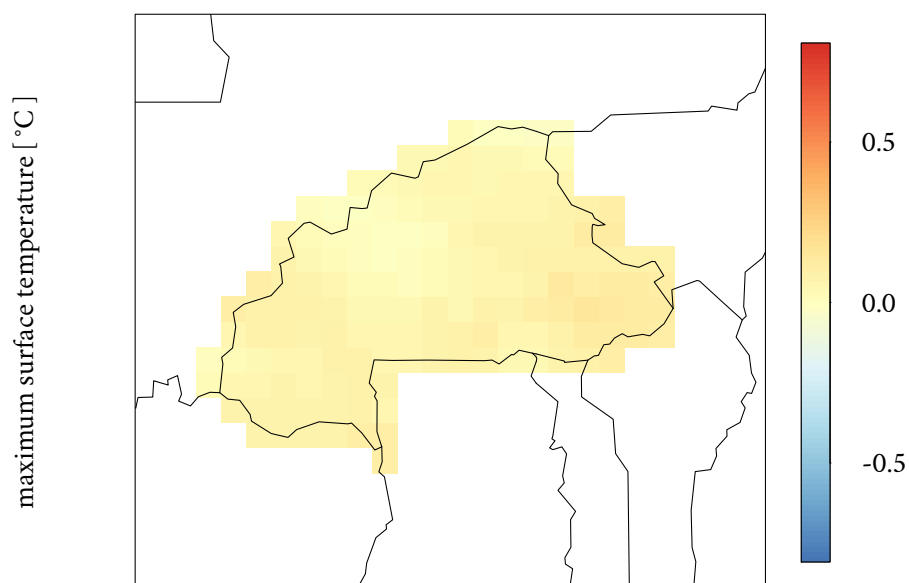


Figure 1435: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.6 GCM ICHEC-EC-EARTH / RCM RCA4

Figure 1436: Mean across years, RCP 8.5, 2020 .. 2049

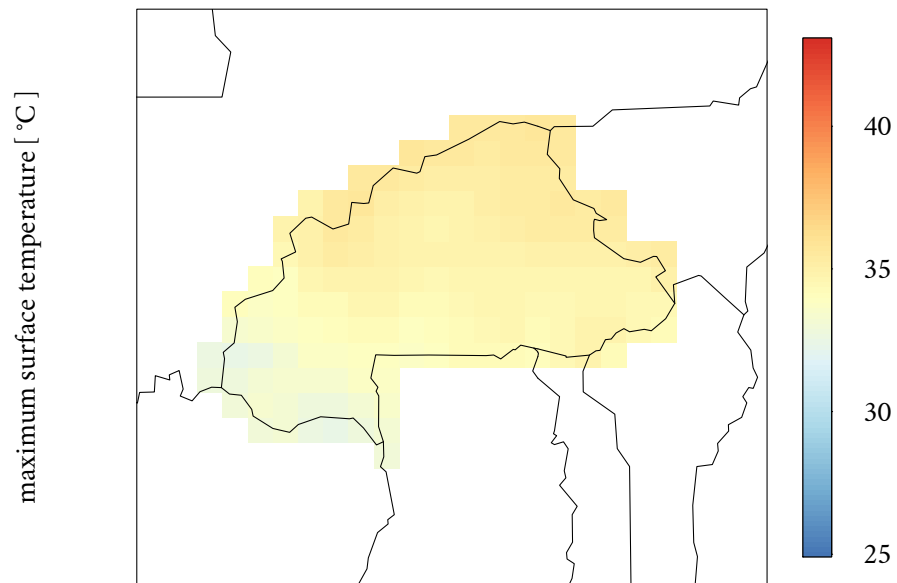


Figure 1437: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

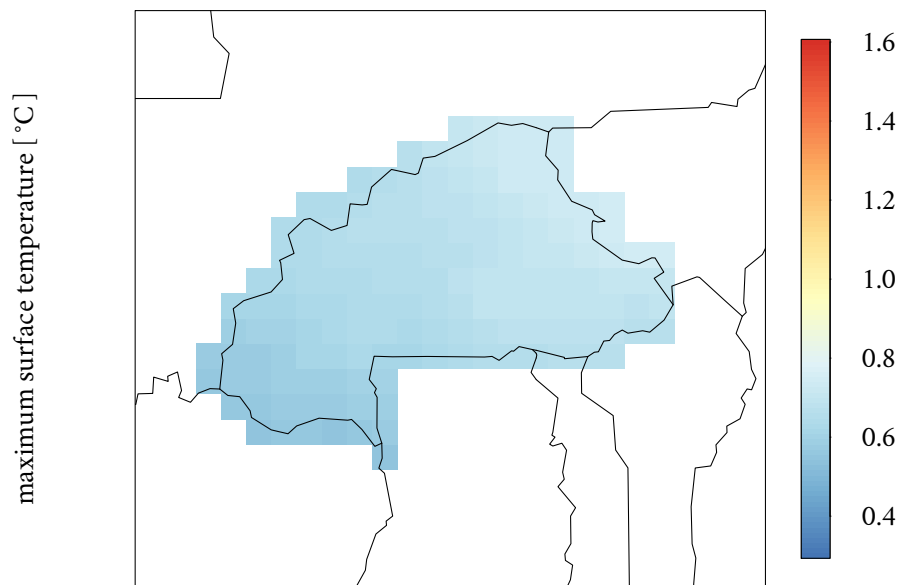


Figure 1438: Mean across years, RCP 8.5, 2060 .. 2089

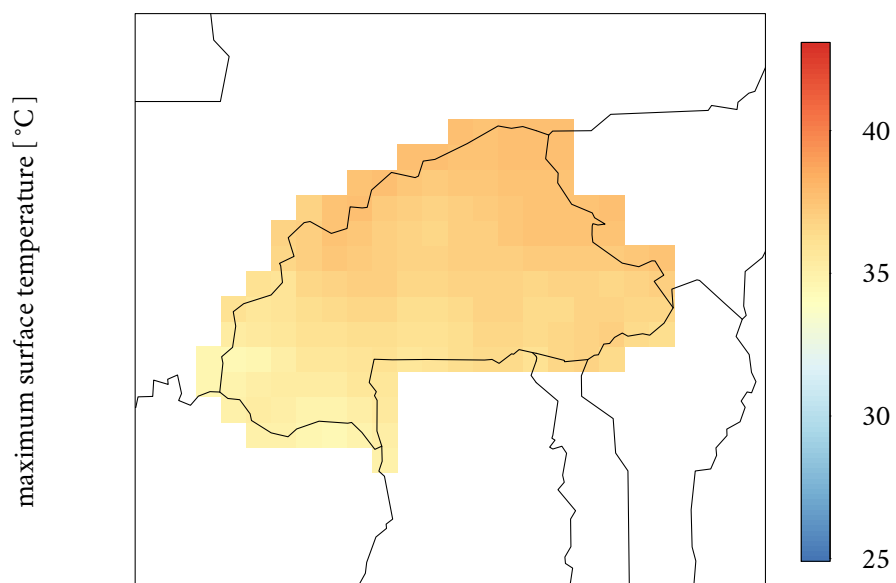


Figure 1439: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

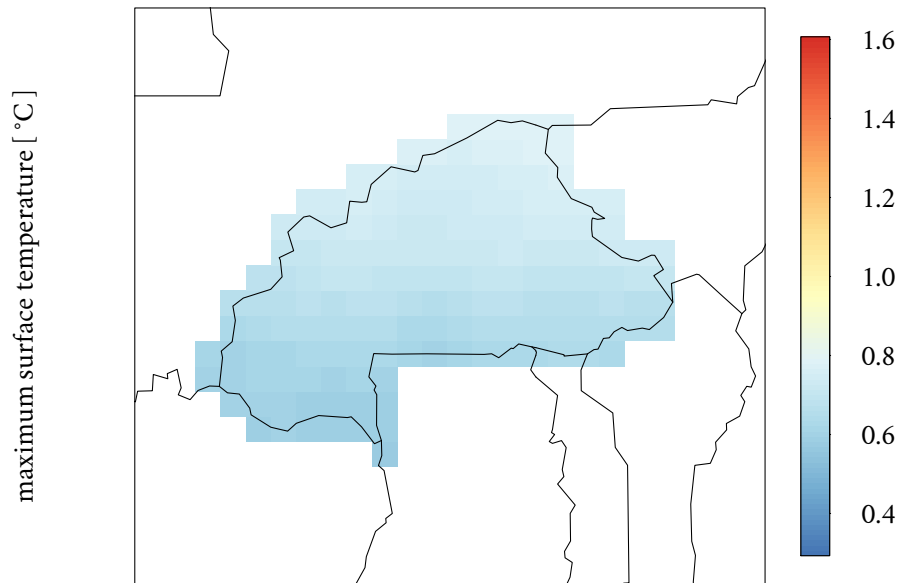
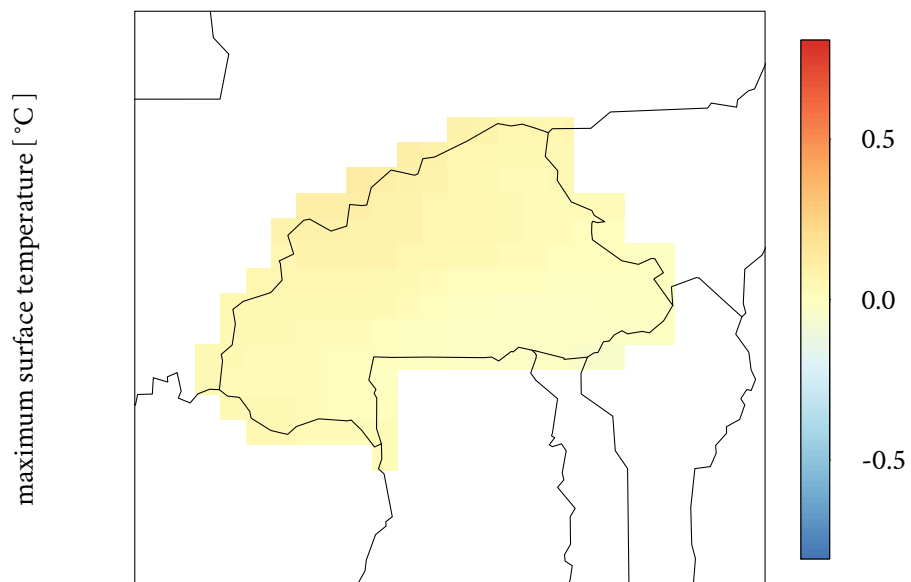


Figure 1440: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.7 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 1441: Mean across years, RCP 8.5, 2020 .. 2049

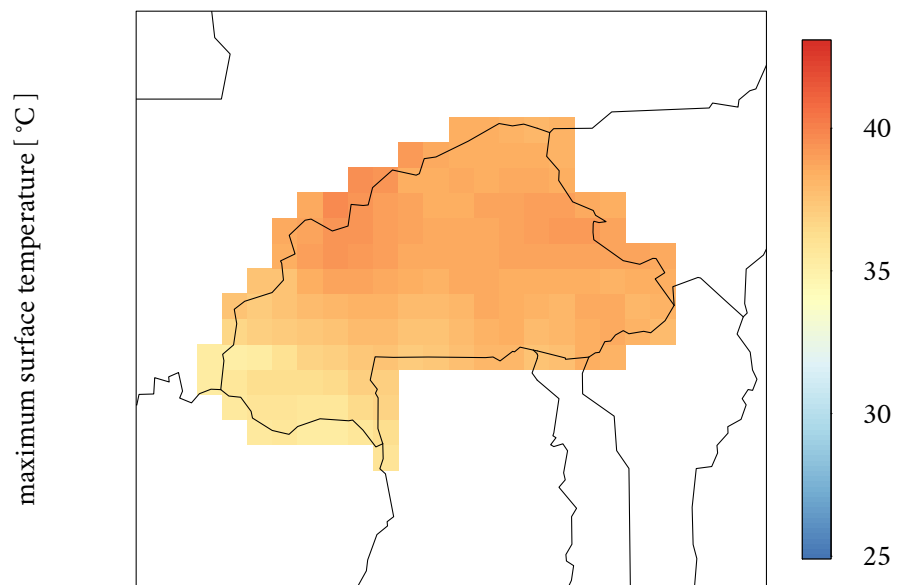


Figure 1442: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

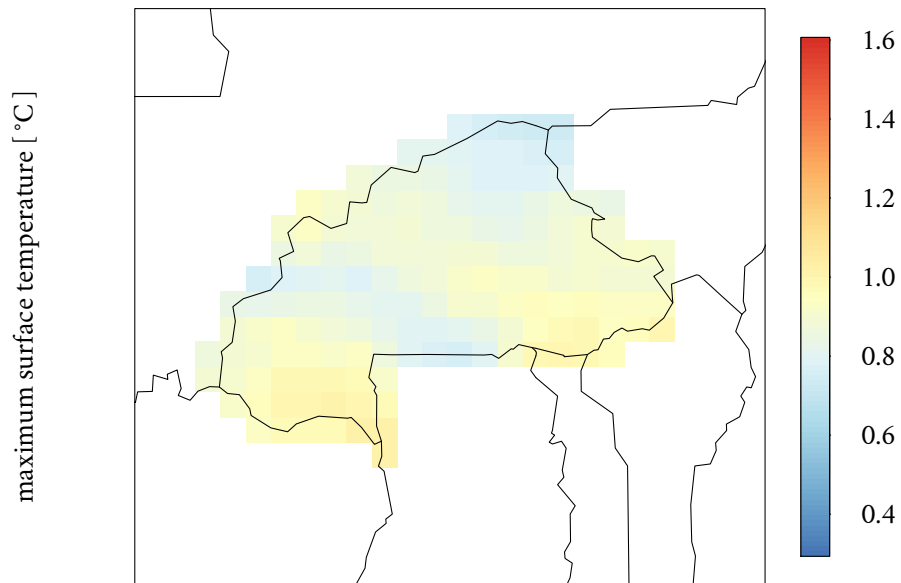


Figure 1443: Mean across years, RCP 8.5, 2060 .. 2089

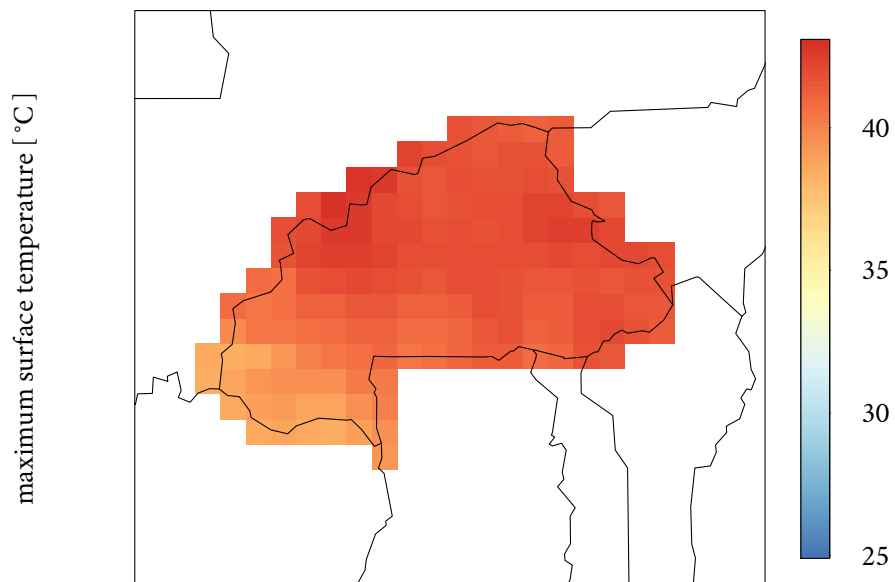


Figure 1444: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

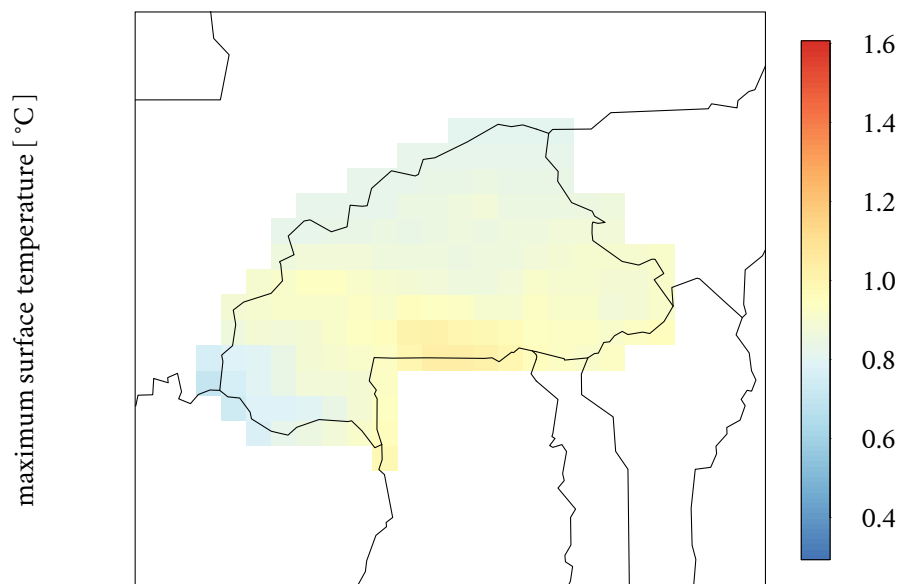
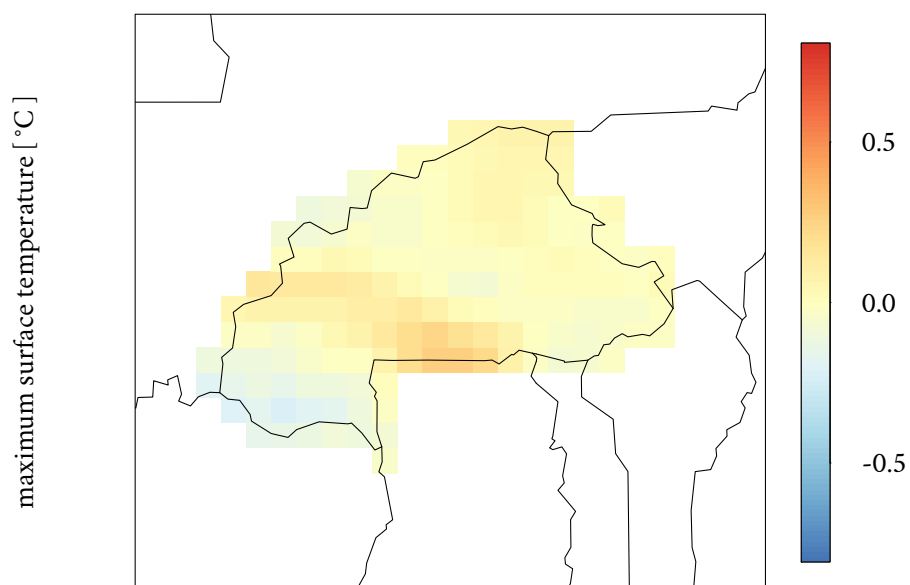


Figure 1445: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.8 GCM IPSL-IPSL-CM5A-MR / RCM RCA4

Figure 1446: Mean across years, RCP 8.5, 2020 .. 2049

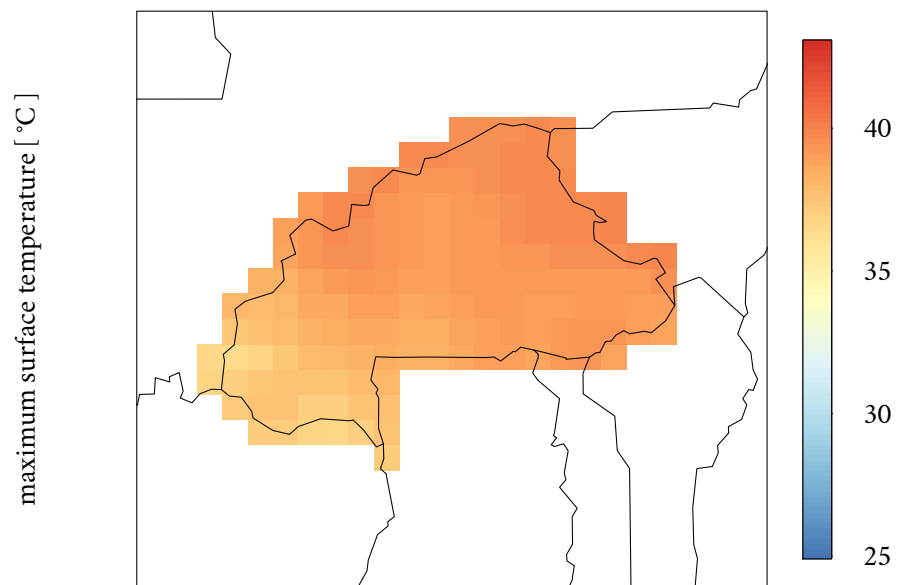


Figure 1447: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

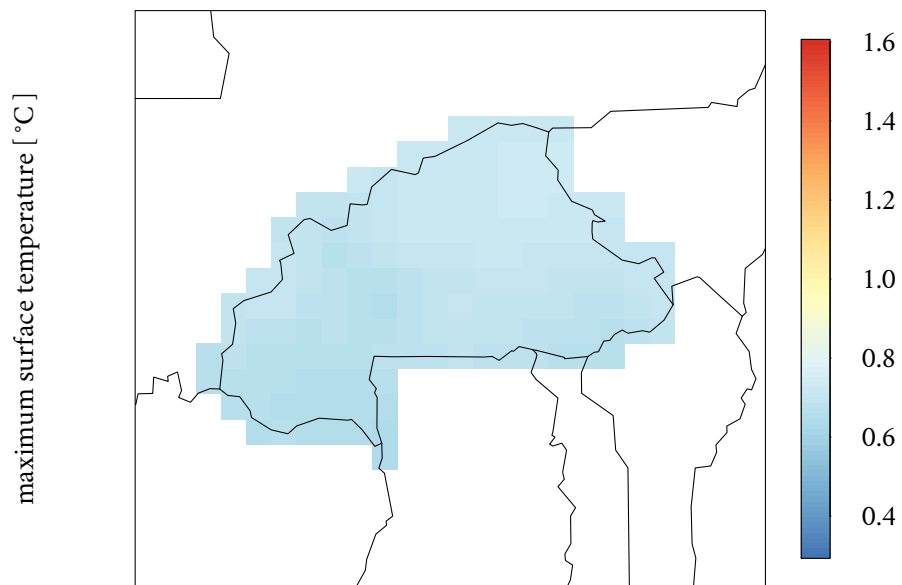


Figure 1448: Mean across years, RCP 8.5, 2060 .. 2089

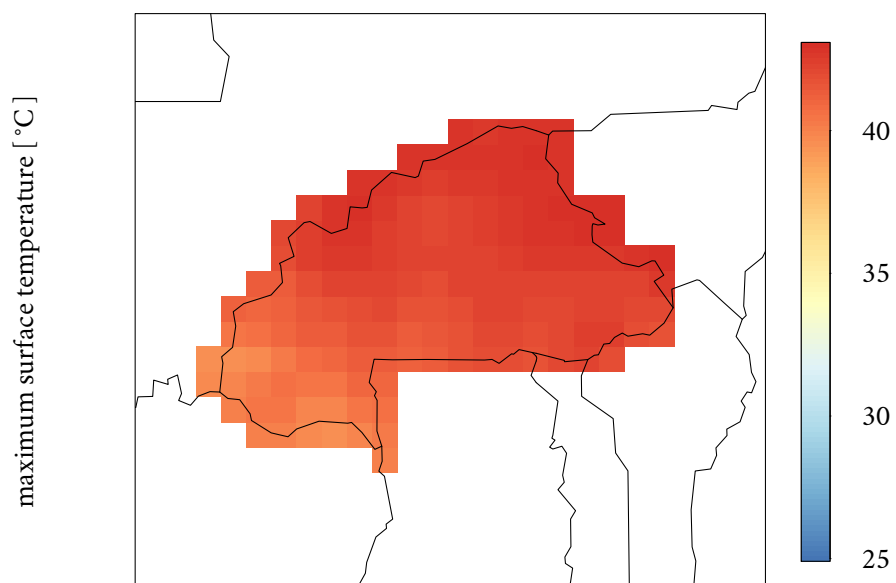


Figure 1449: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

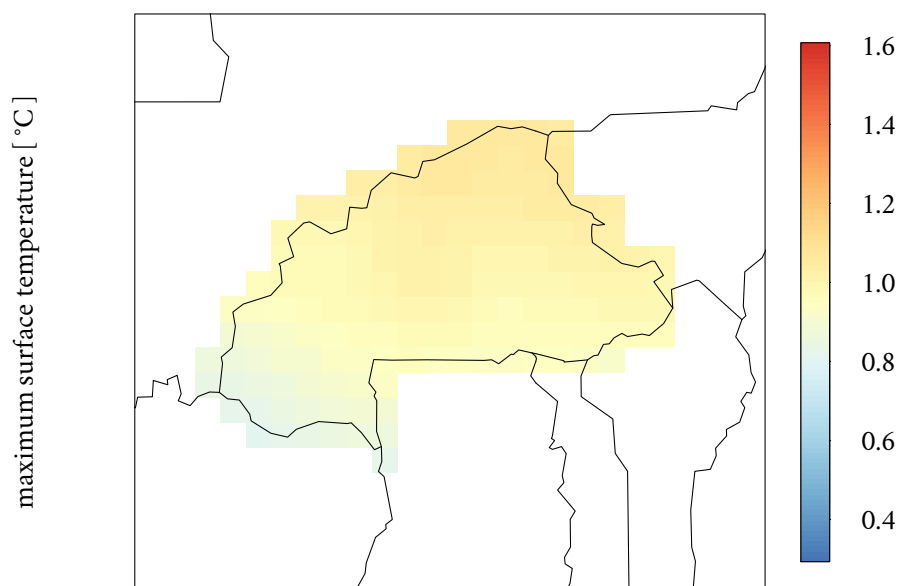
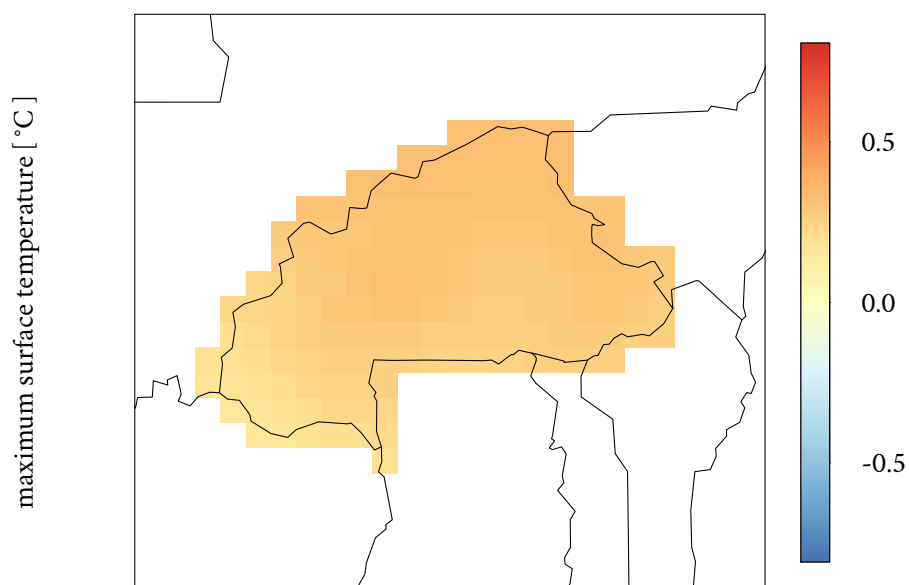


Figure 1450: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.9 GCM MIROC-MIROC5 / RCM RCA4

Figure 1451: Mean across years, RCP 8.5, 2020 .. 2049

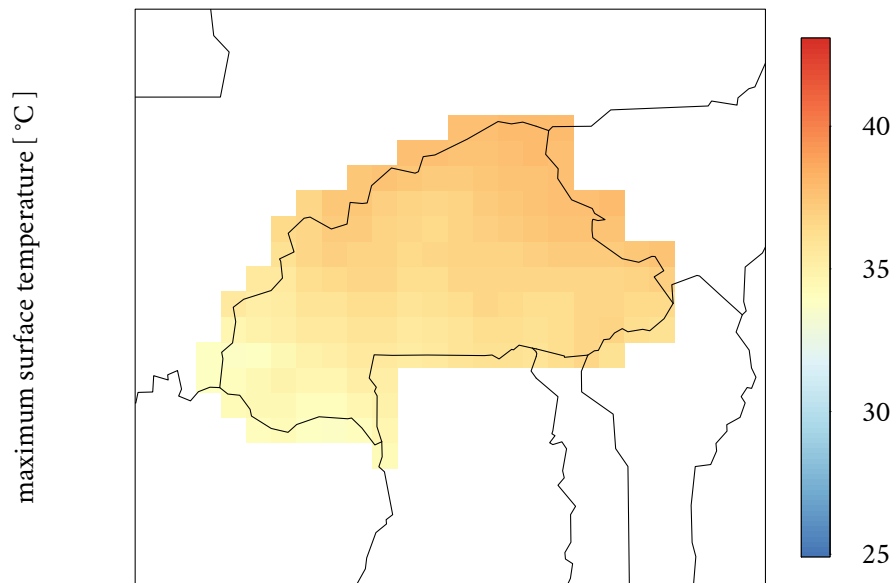


Figure 1452: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

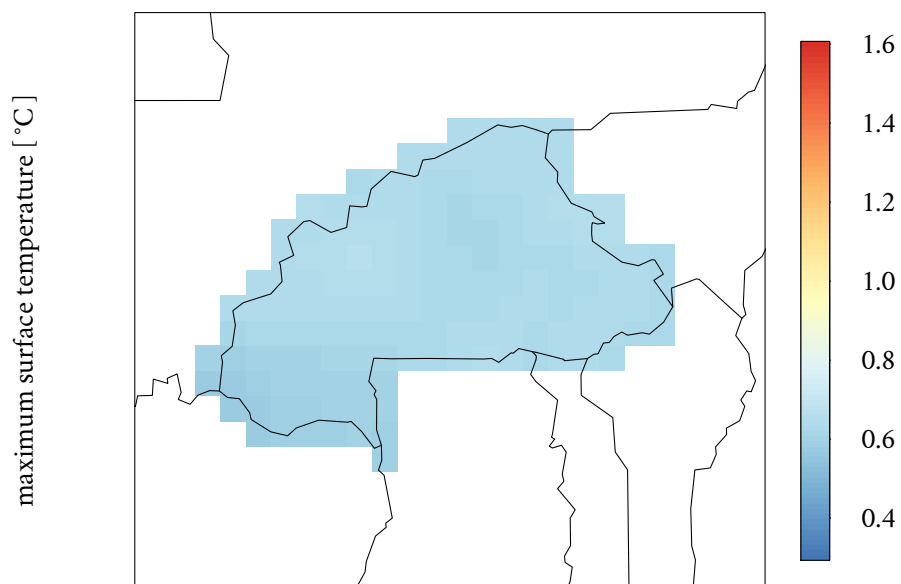


Figure 1453: Mean across years, RCP 8.5, 2060 .. 2089

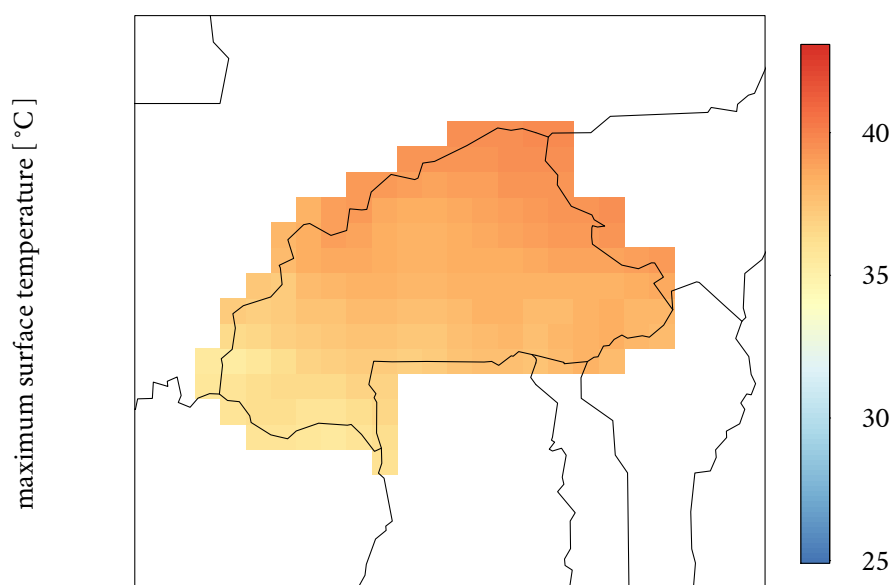


Figure 1454: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

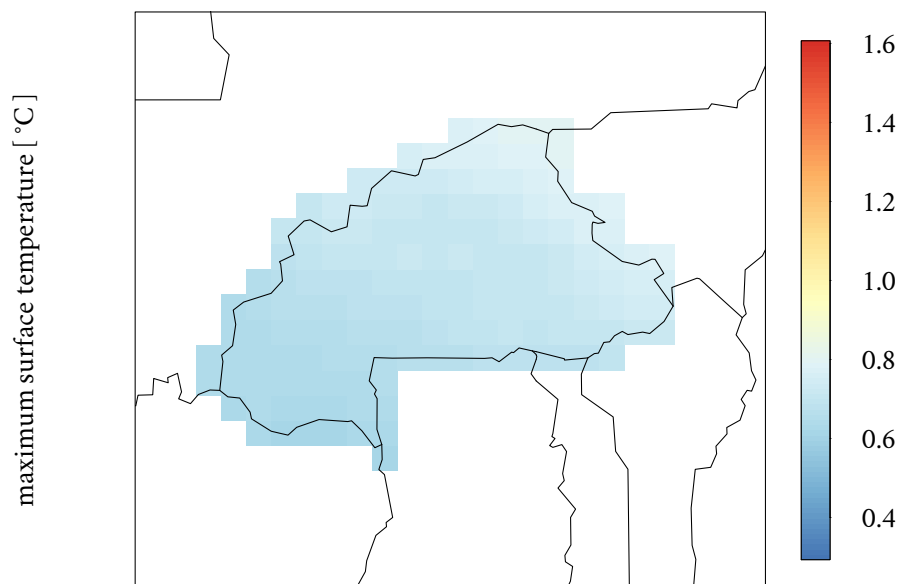
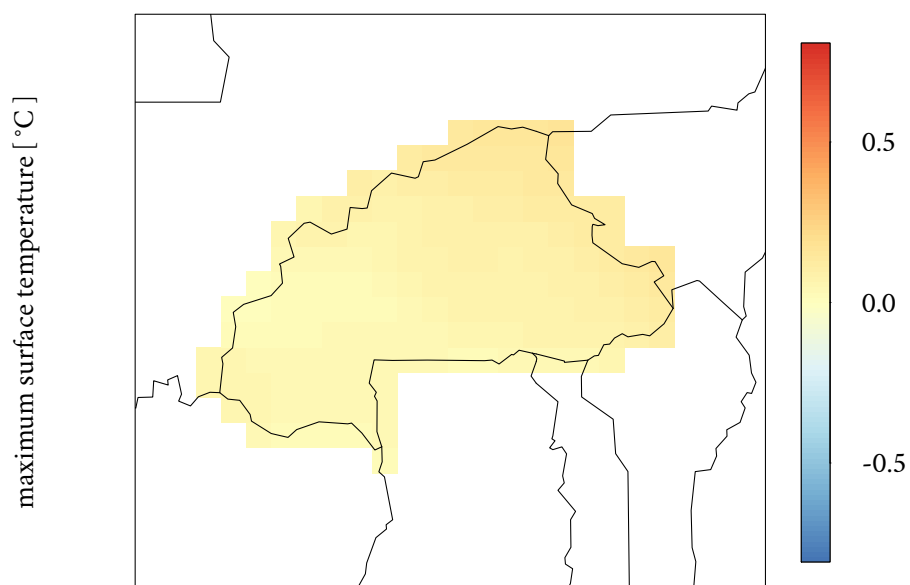


Figure 1455: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.10 GCM MIROC-MIROC5 / RCM REMO2009

Figure 1456: Mean across years, RCP 8.5, 2020 .. 2049

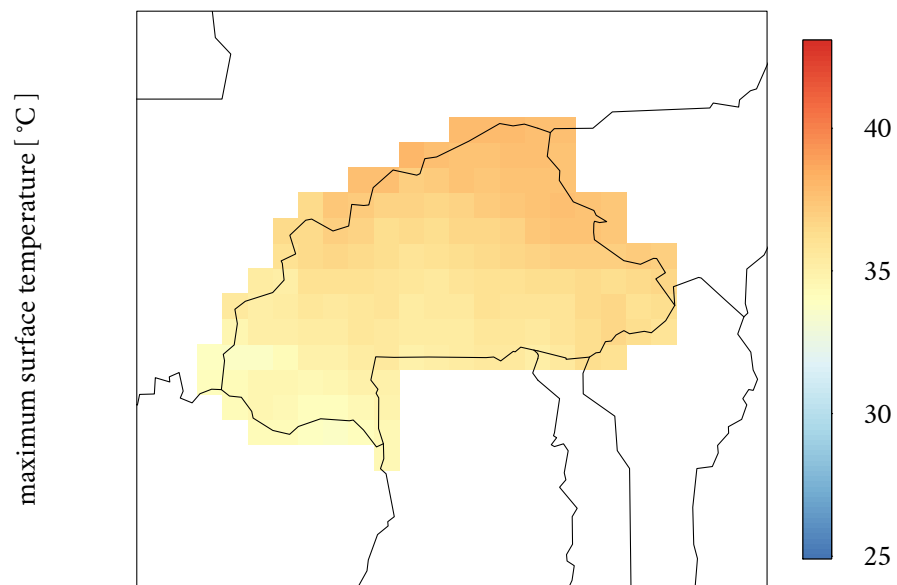


Figure 1457: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

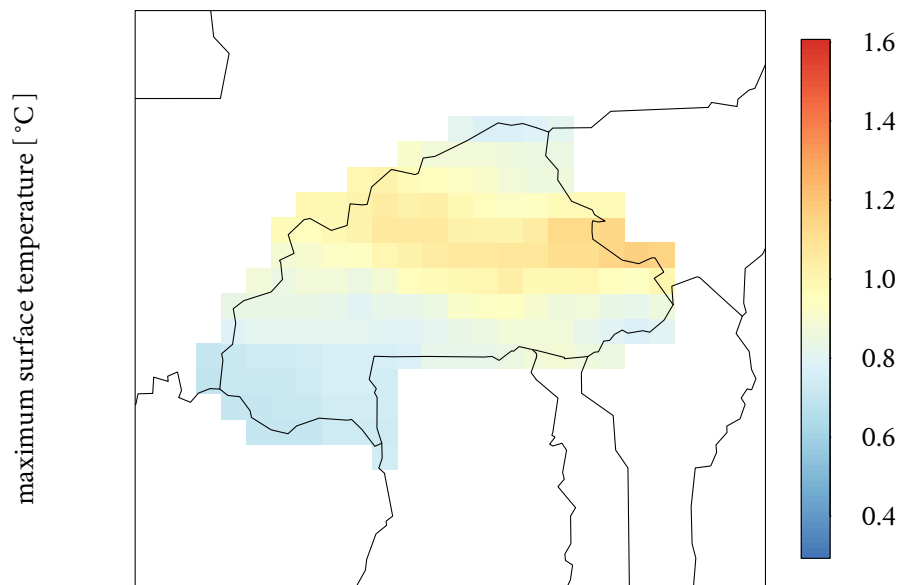


Figure 1458: Mean across years, RCP 8.5, 2060 .. 2089

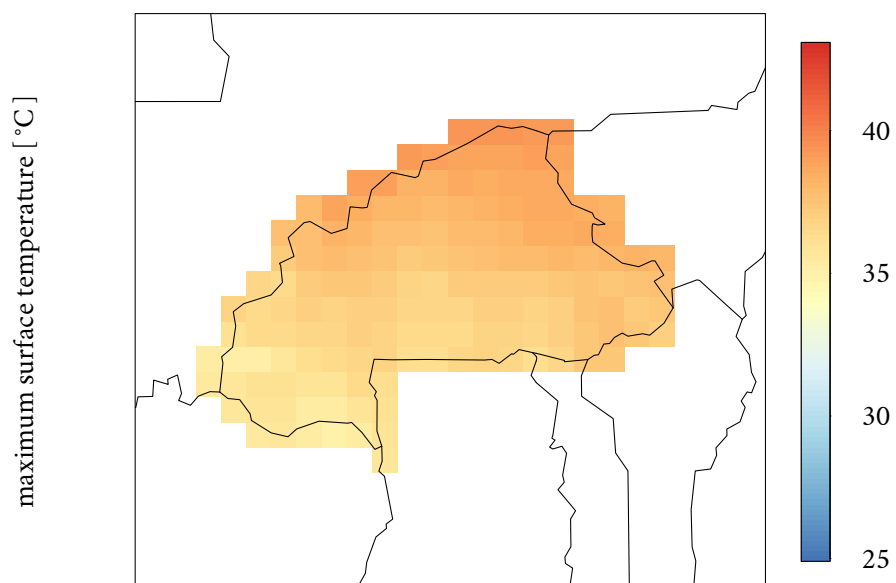


Figure 1459: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

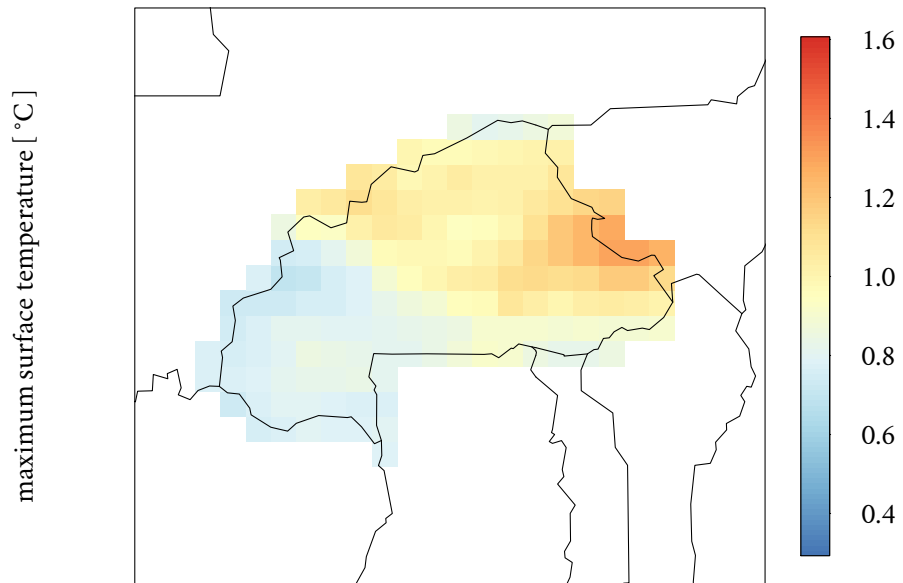
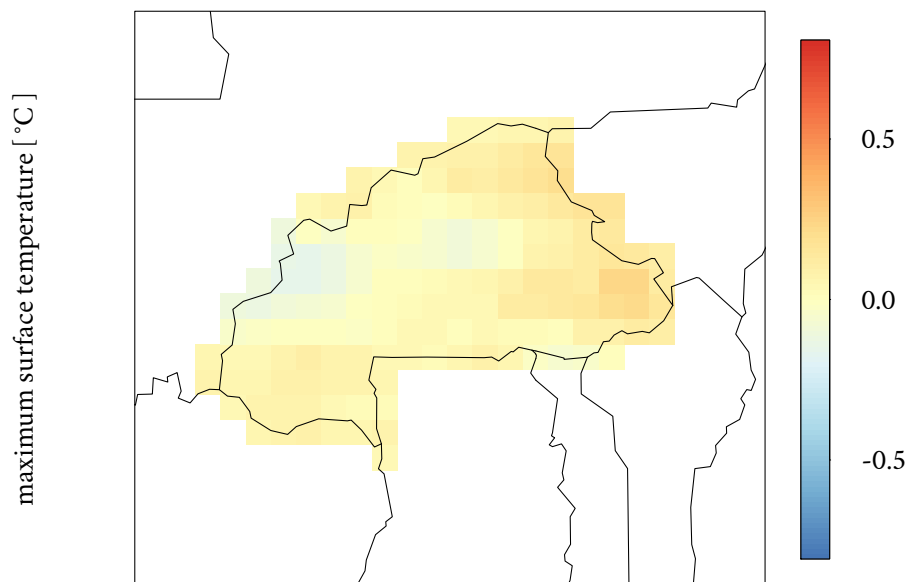


Figure 1460: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.11 GCM MOHC-HadGEM2-ES / RCM CCLM4-8-17

Figure 1461: Mean across years, RCP 8.5, 2020 .. 2049

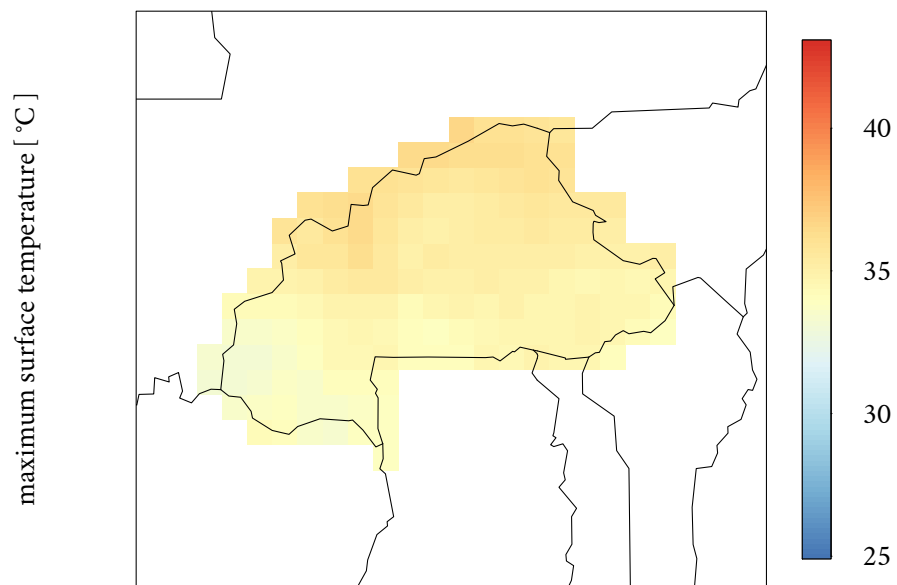


Figure 1462: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

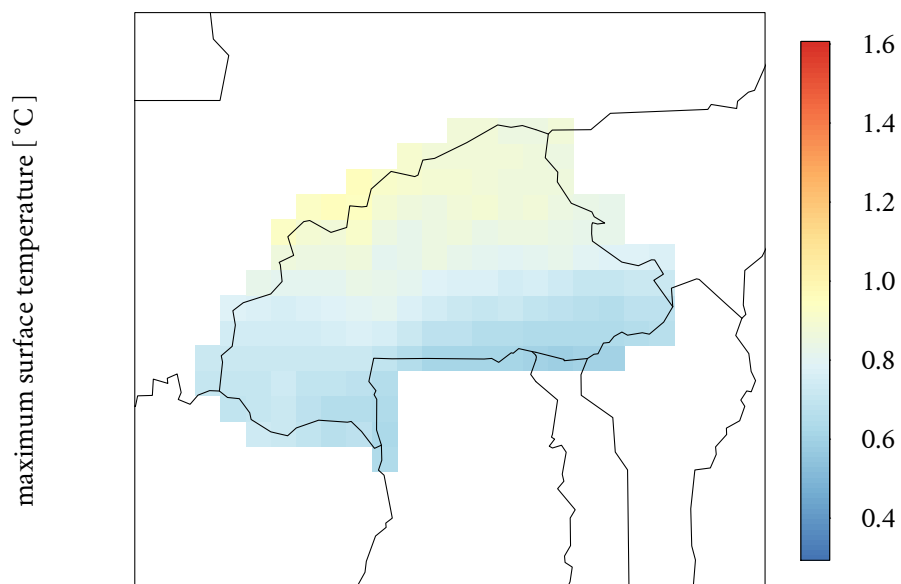


Figure 1463: Mean across years, RCP 8.5, 2060 .. 2089

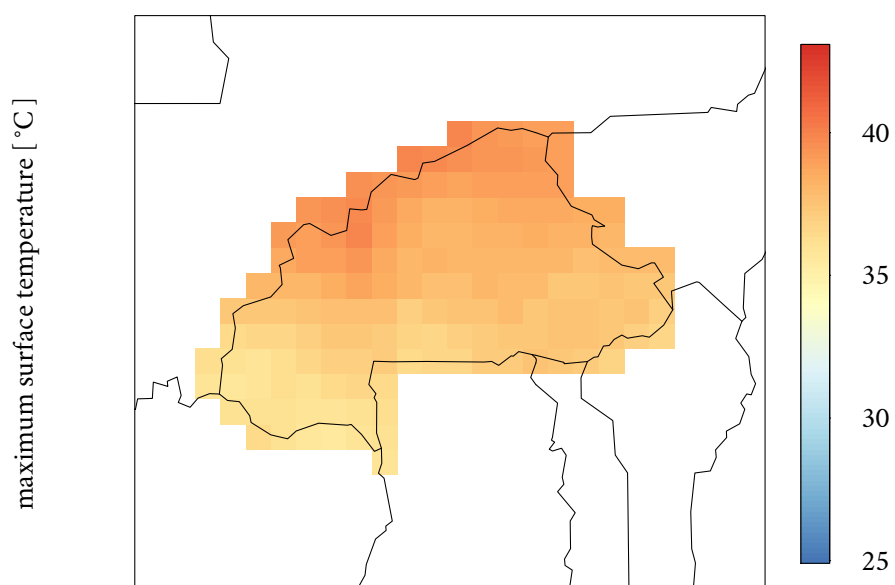


Figure 1464: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

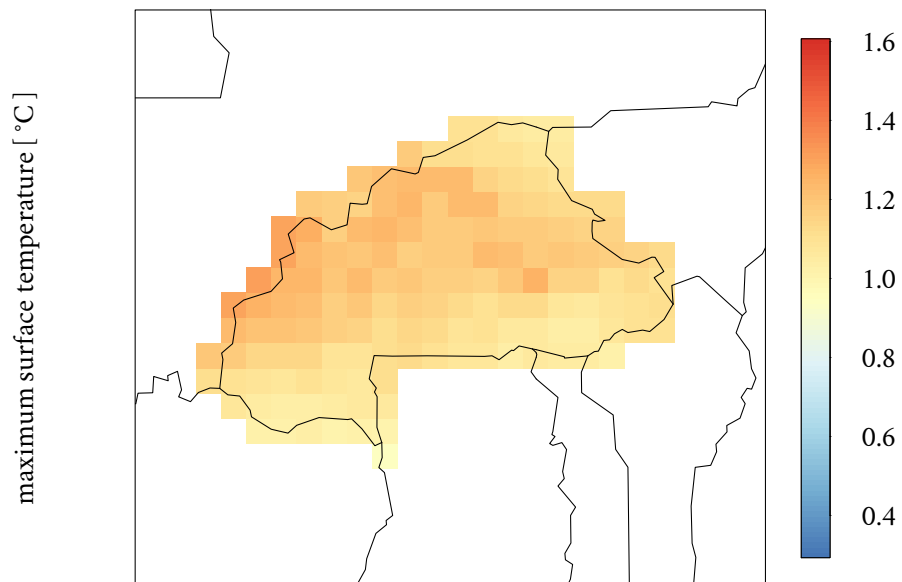
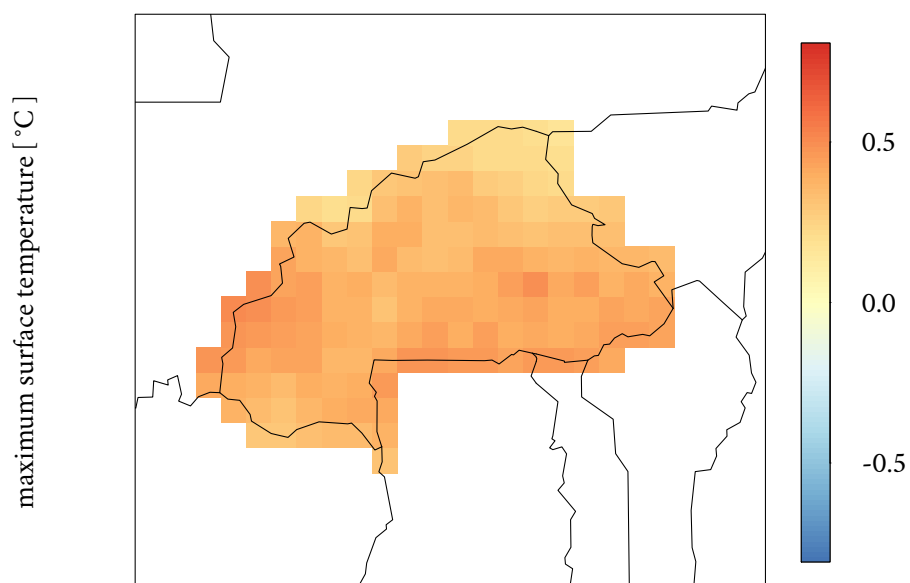


Figure 1465: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.12 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 1466: Mean across years, RCP 8.5, 2020 .. 2049

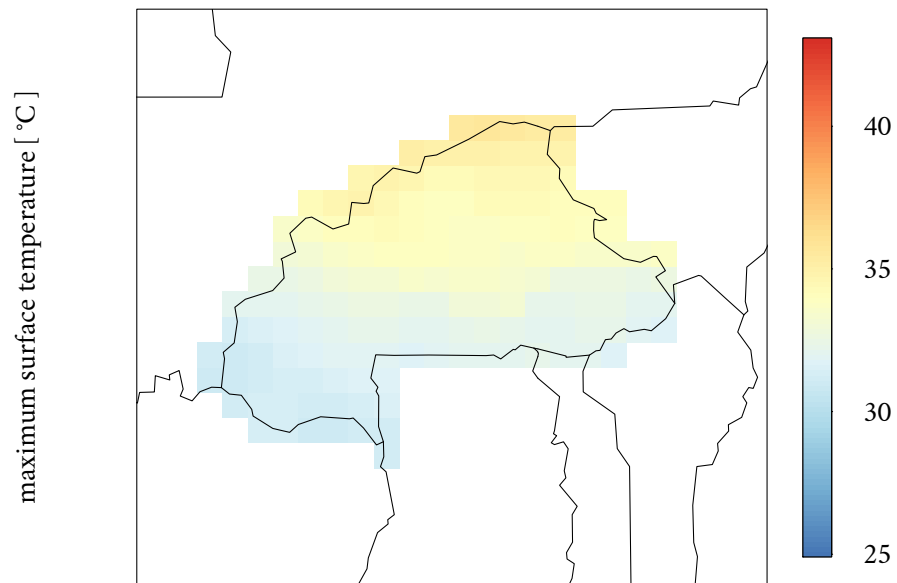


Figure 1467: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

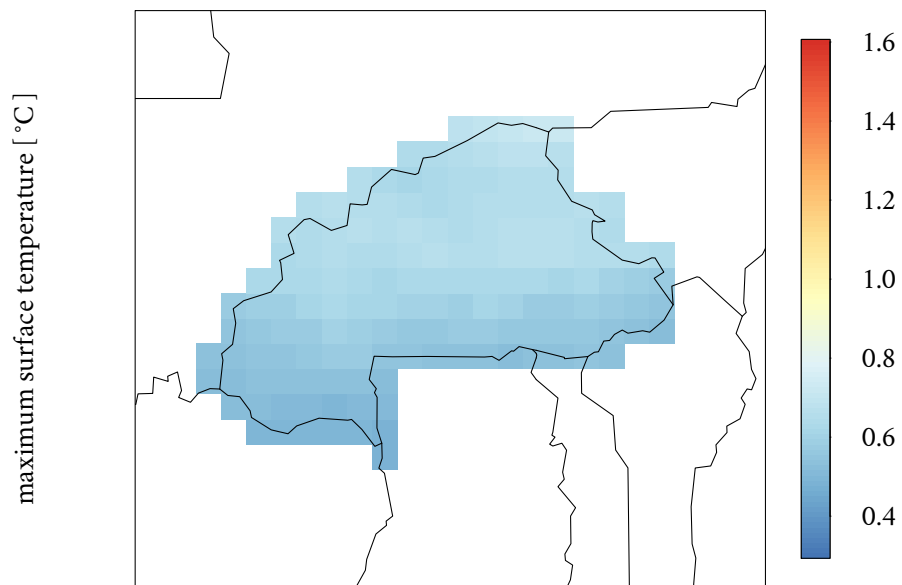


Figure 1468: Mean across years, RCP 8.5, 2060 .. 2089

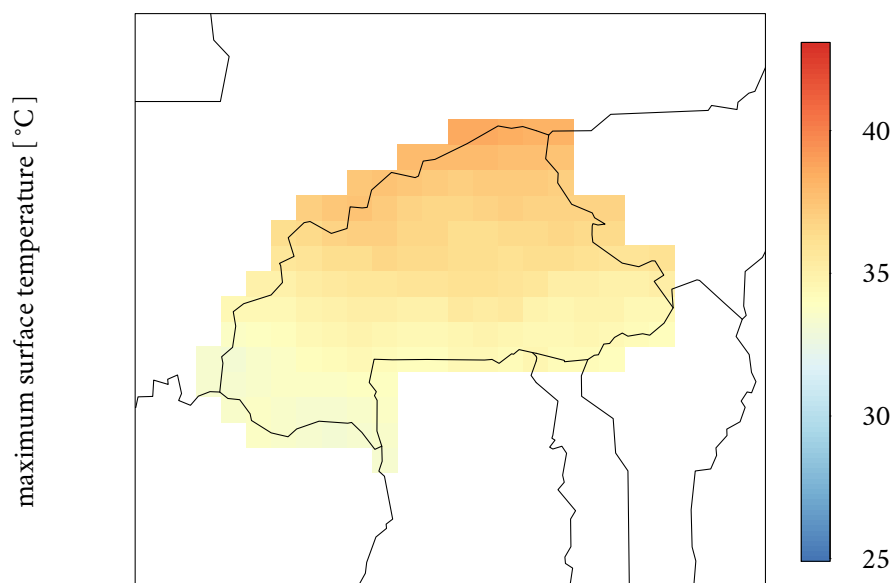


Figure 1469: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

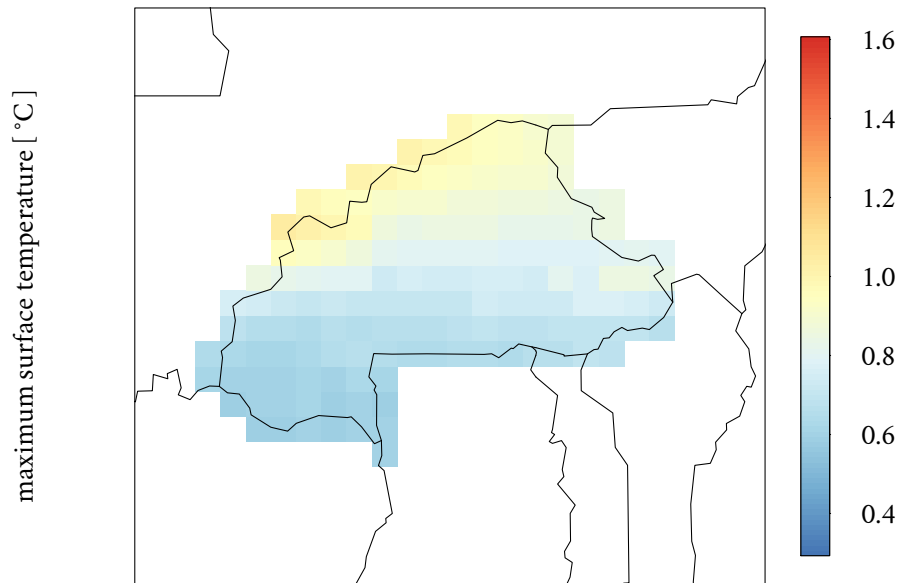
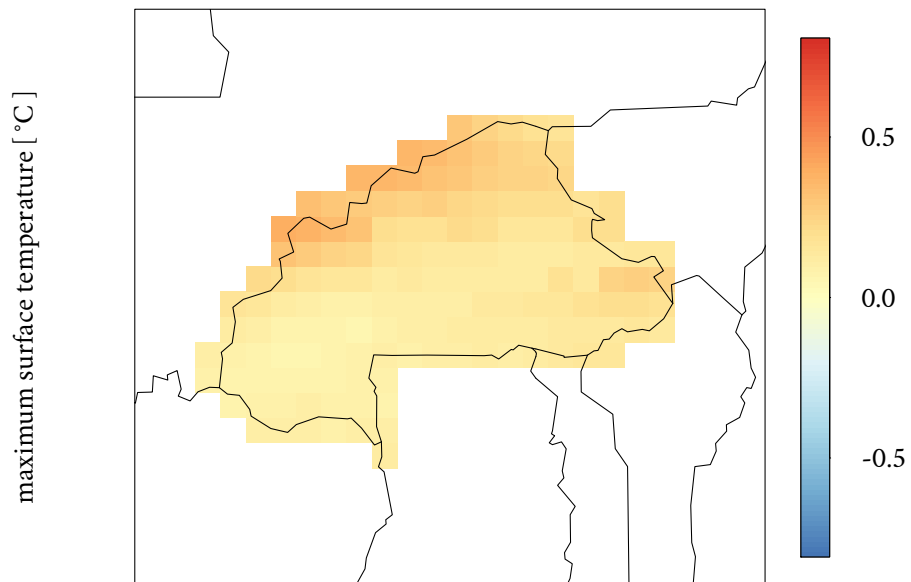


Figure 1470: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.13 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 1471: Mean across years, RCP 8.5, 2020 .. 2049

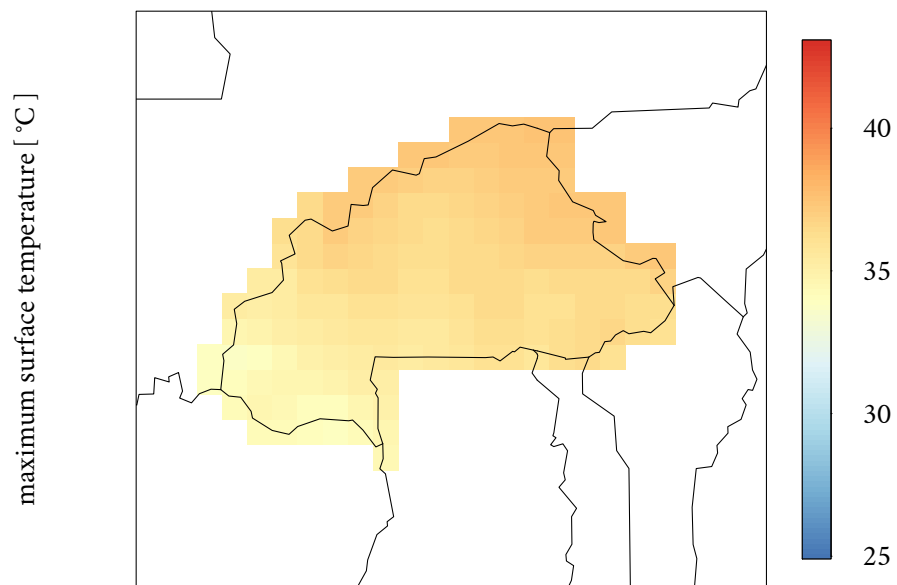


Figure 1472: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

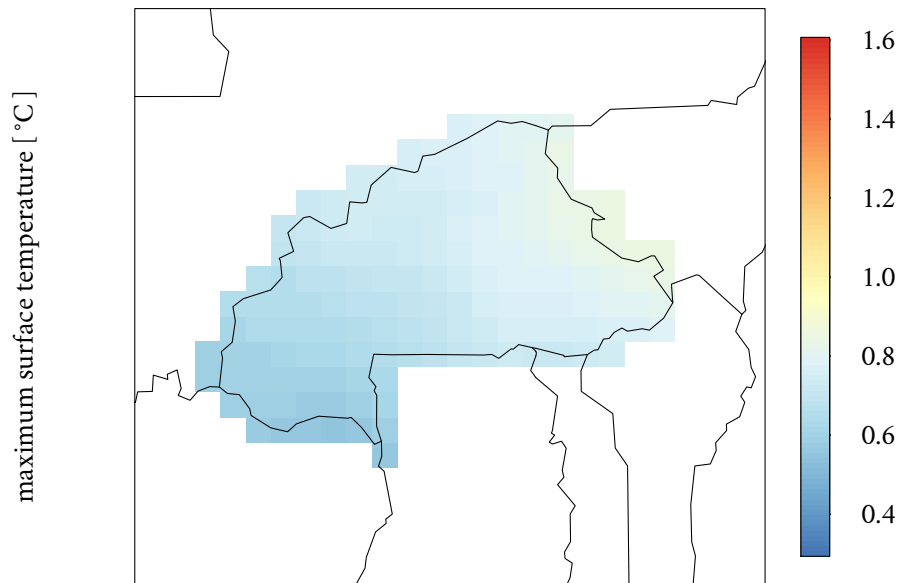


Figure 1473: Mean across years, RCP 8.5, 2060 .. 2089

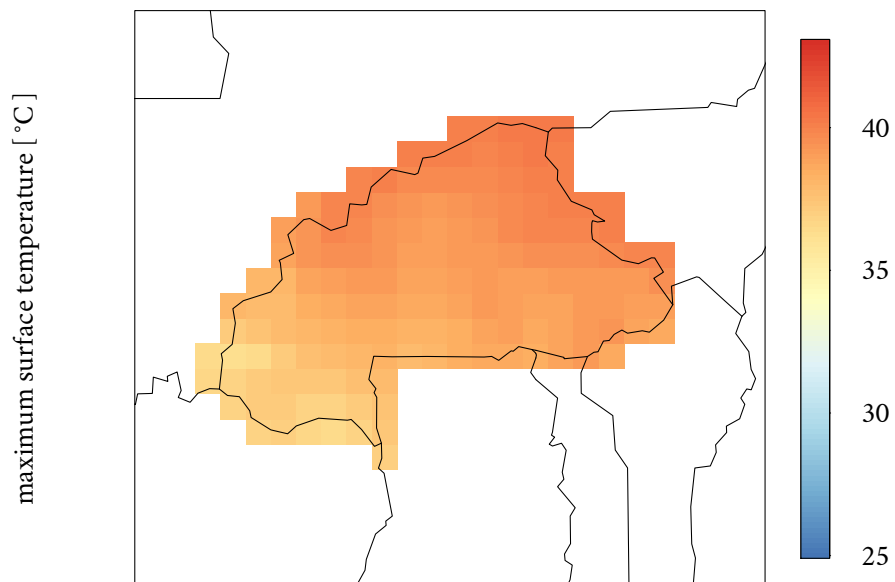


Figure 1474: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

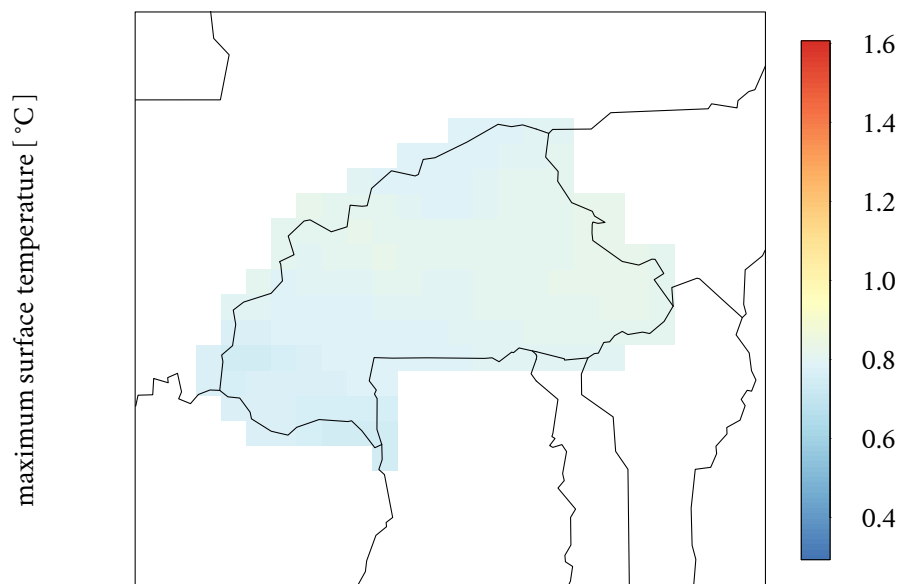
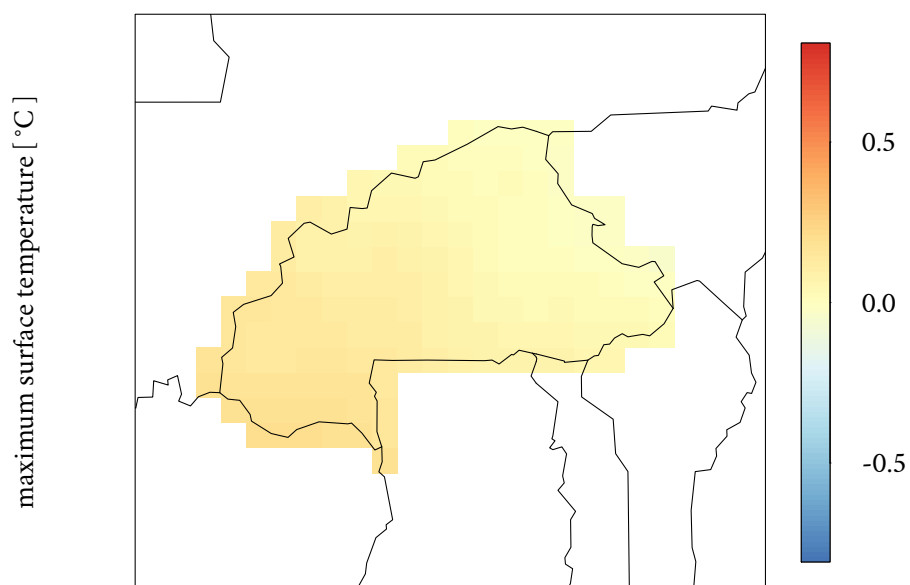


Figure 1475: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.14 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 1476: Mean across years, RCP 8.5, 2020 .. 2049

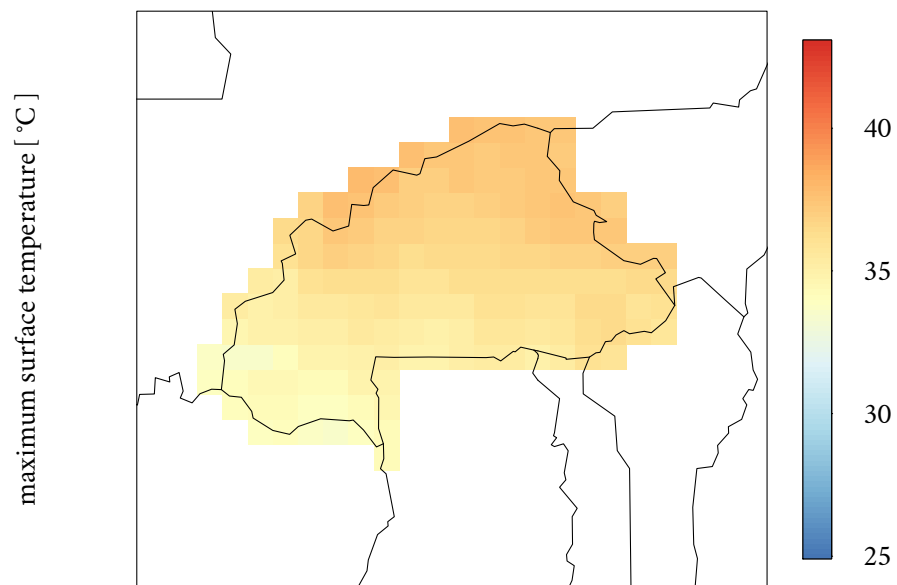


Figure 1477: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

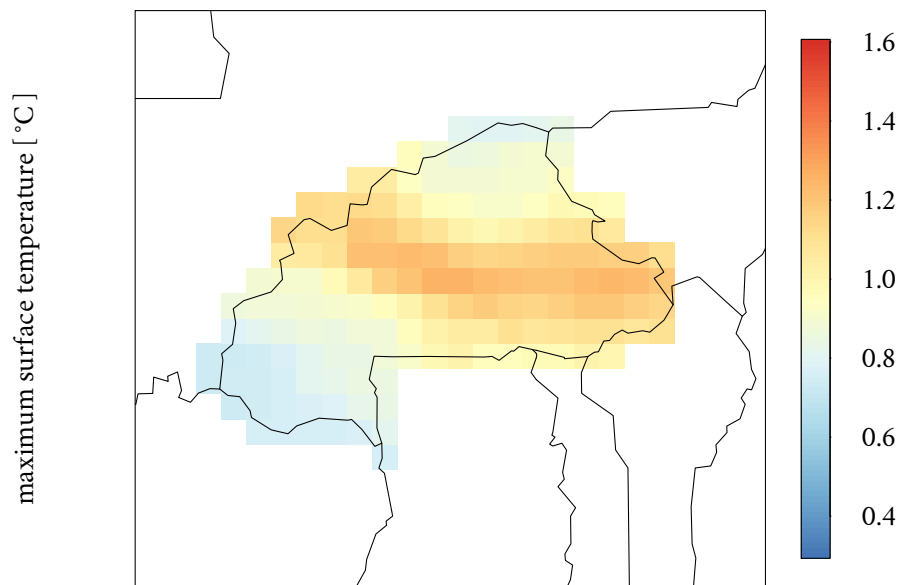


Figure 1478: Mean across years, RCP 8.5, 2060 .. 2089

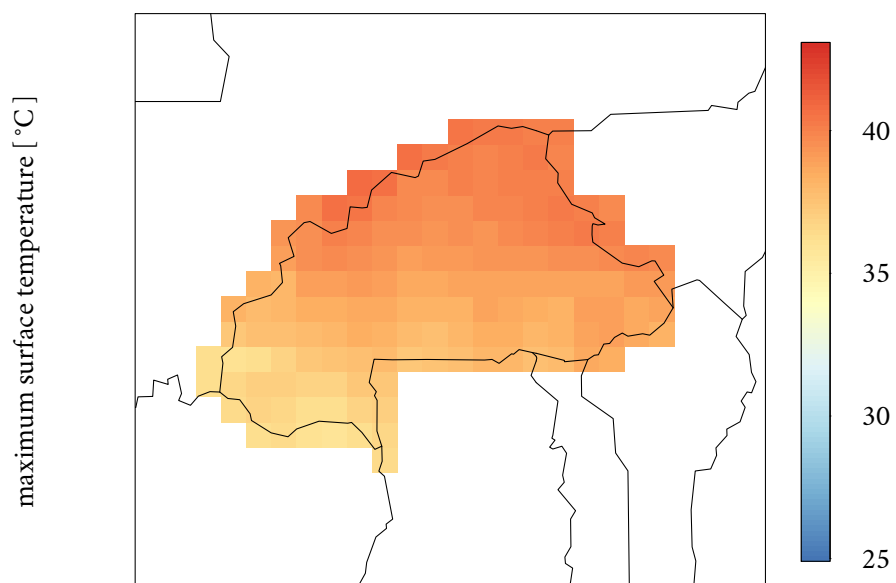


Figure 1479: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

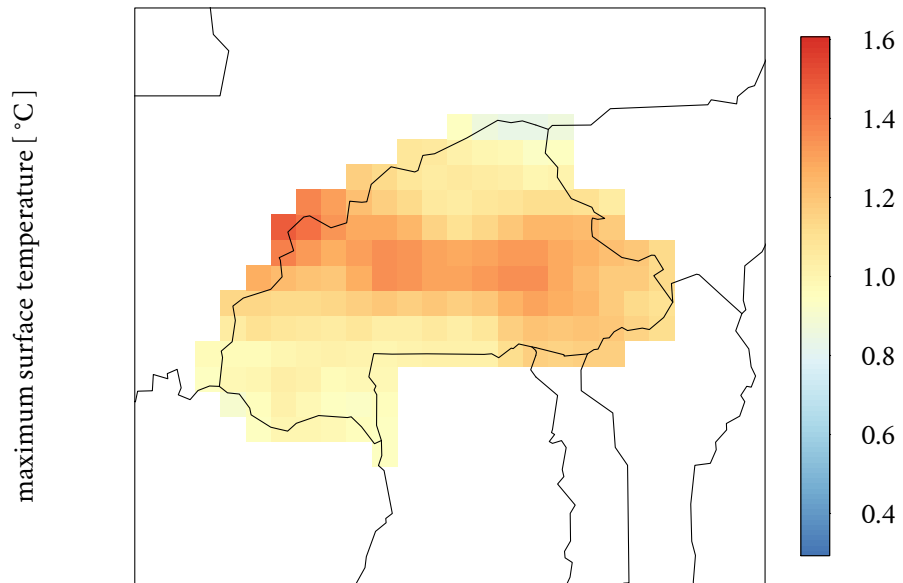
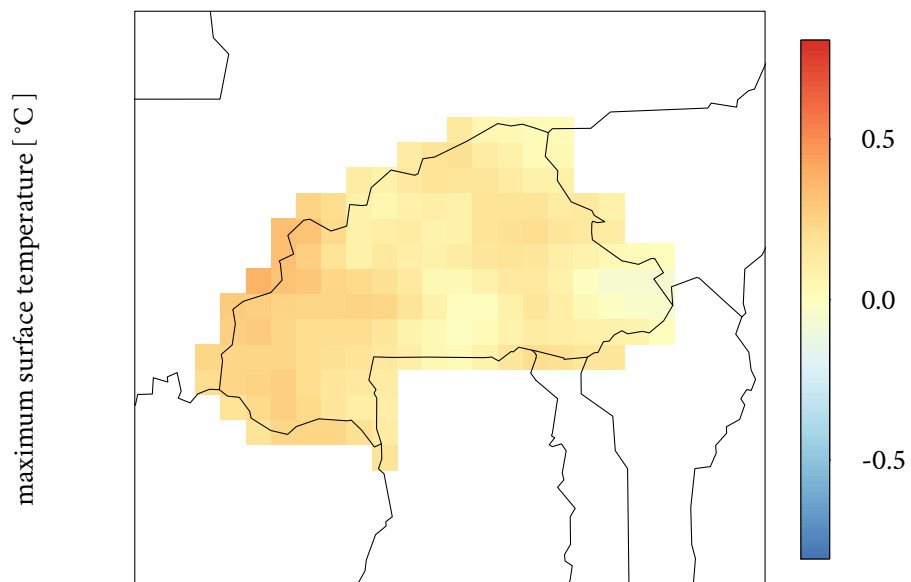


Figure 1480: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.15 GCM MPI-M-MPI-ESM-LR / RCM CCLM4-8-17

Figure 1481: Mean across years, RCP 8.5, 2020 .. 2049

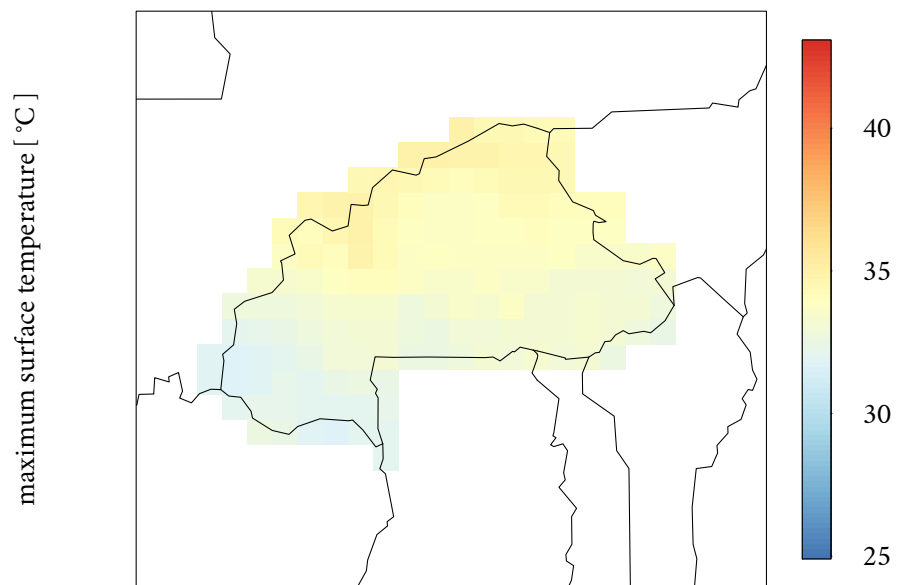


Figure 1482: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

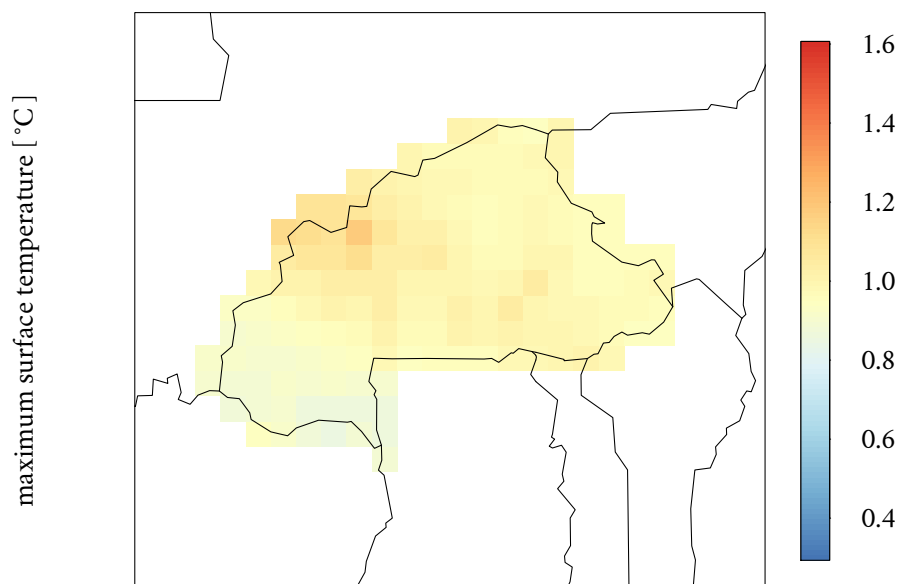


Figure 1483: Mean across years, RCP 8.5, 2060 .. 2089

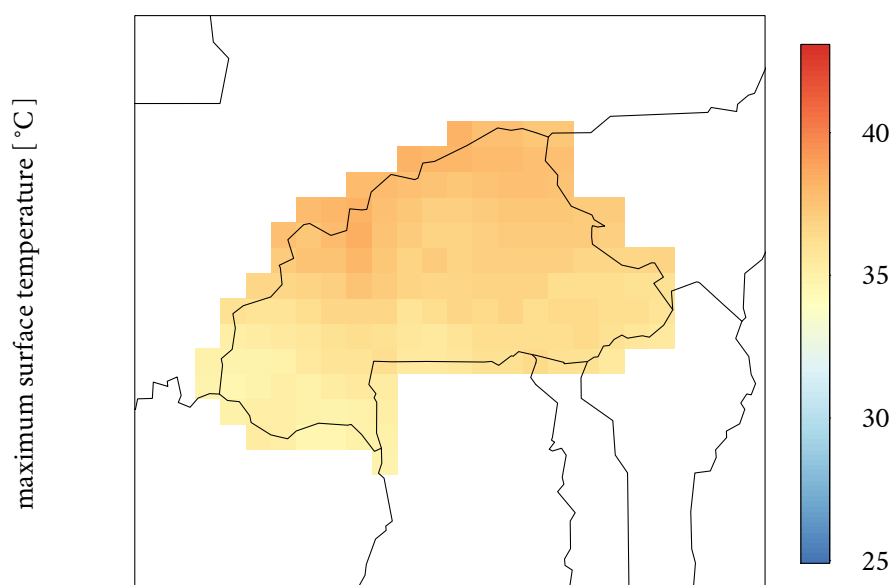


Figure 1484: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

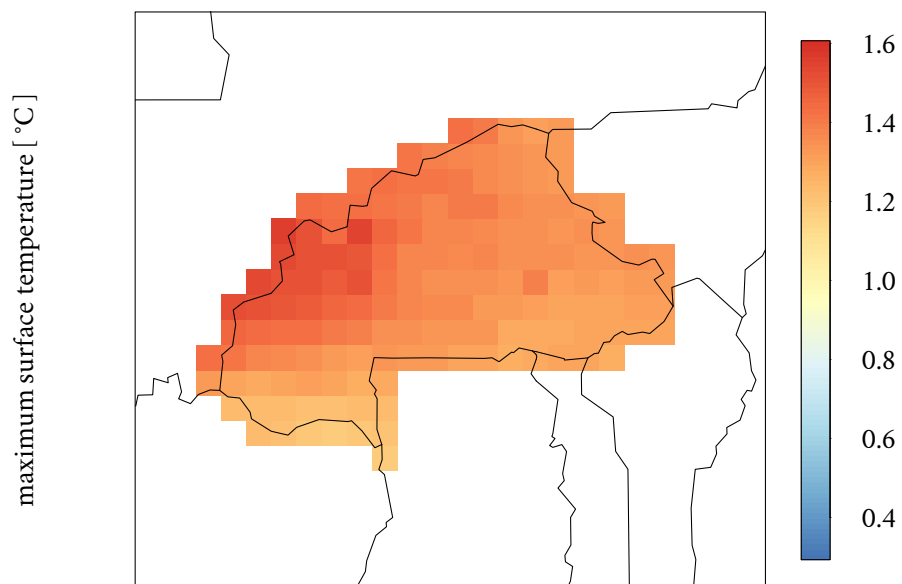
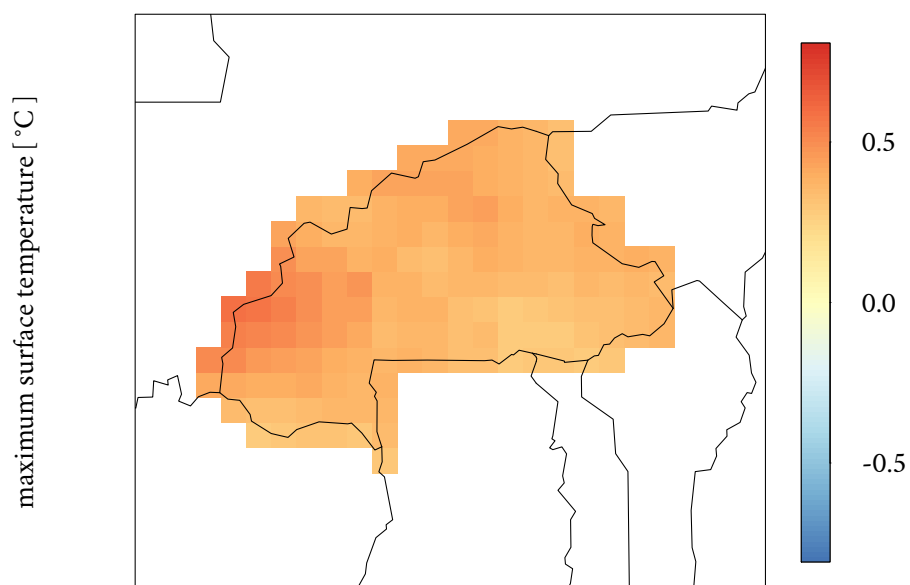


Figure 1485: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.16 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 1486: Mean across years, RCP 8.5, 2020 .. 2049

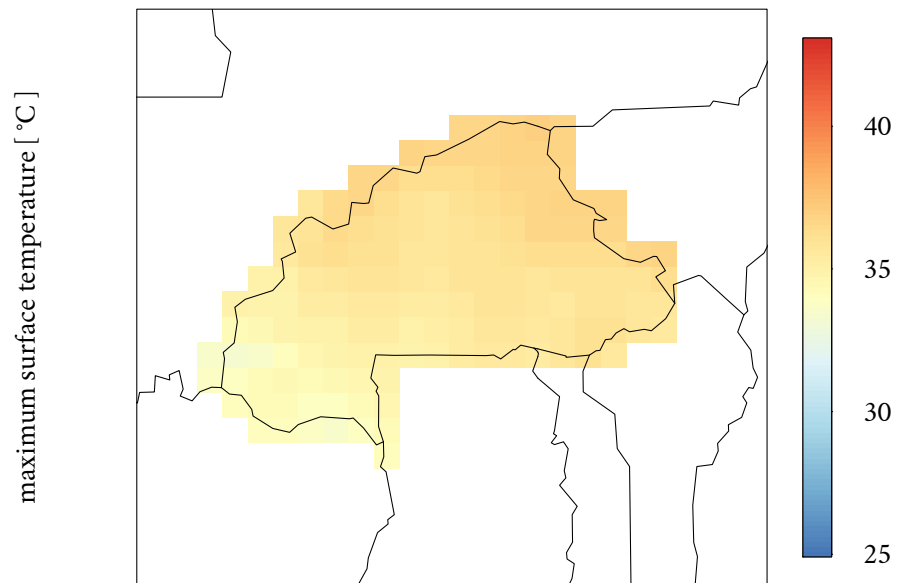


Figure 1487: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

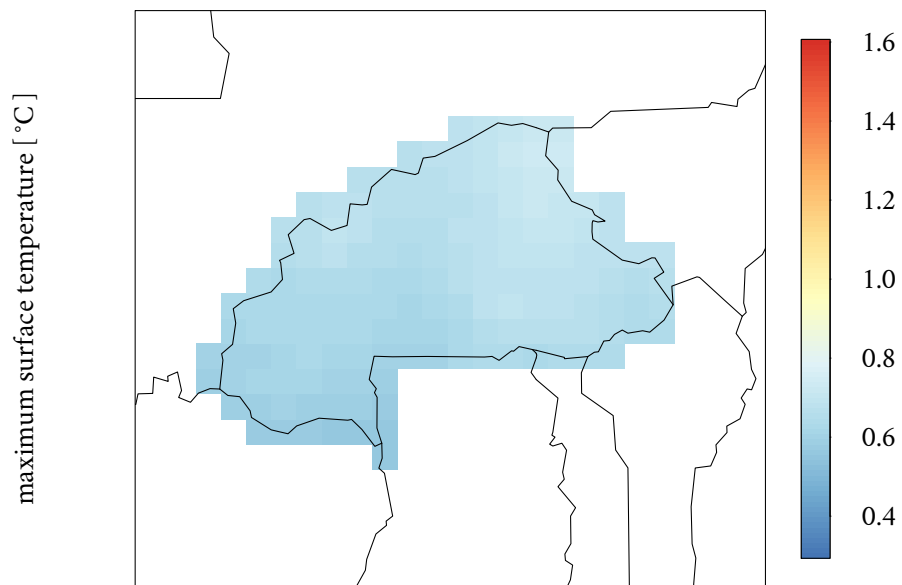


Figure 1488: Mean across years, RCP 8.5, 2060 .. 2089

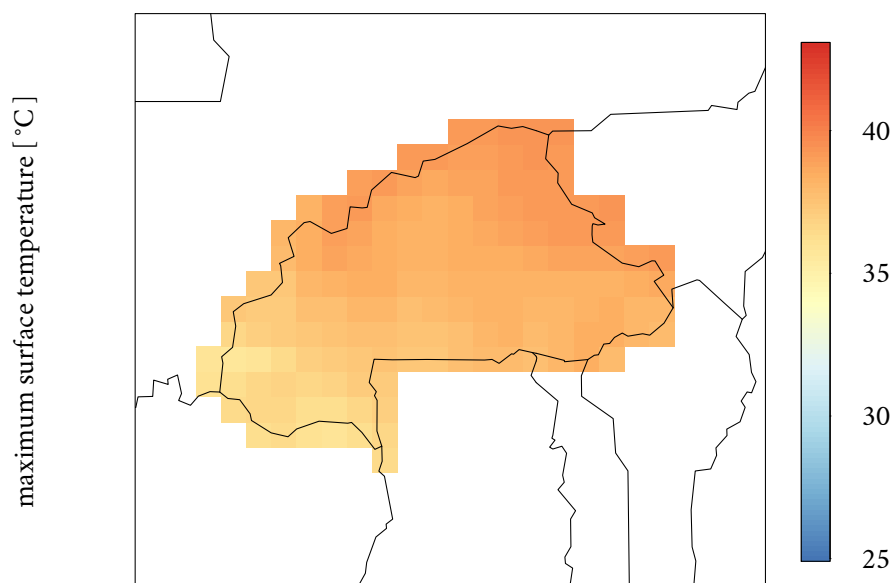


Figure 1489: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

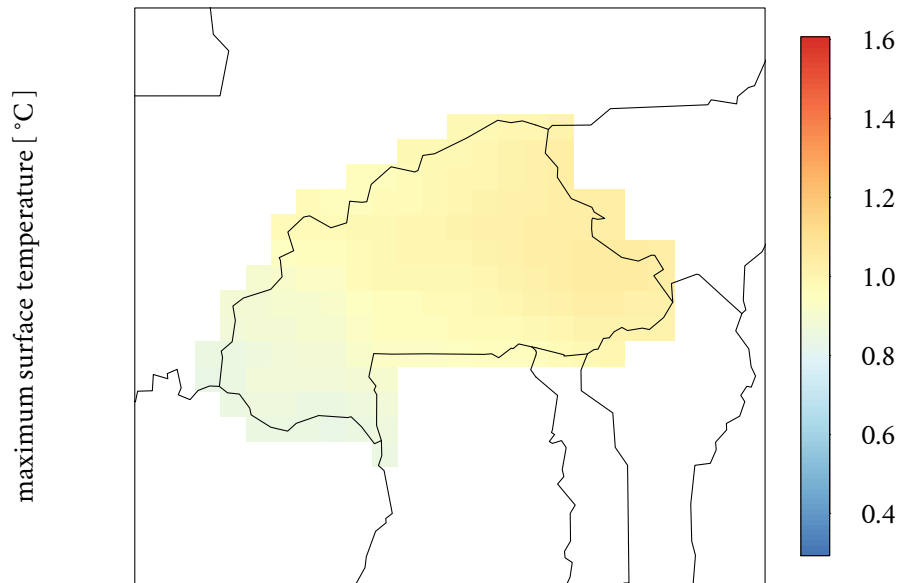
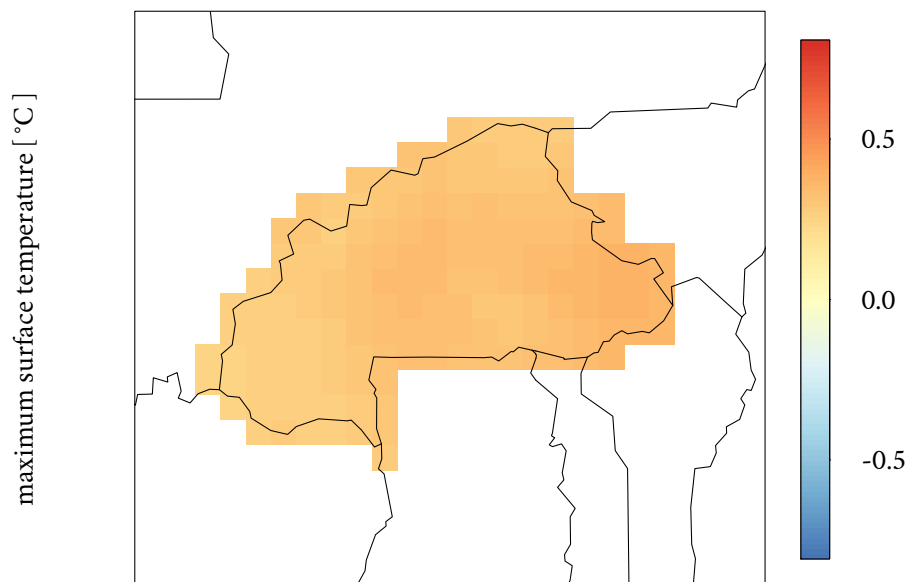


Figure 1490: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.17 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 1491: Mean across years, RCP 8.5, 2020 .. 2049

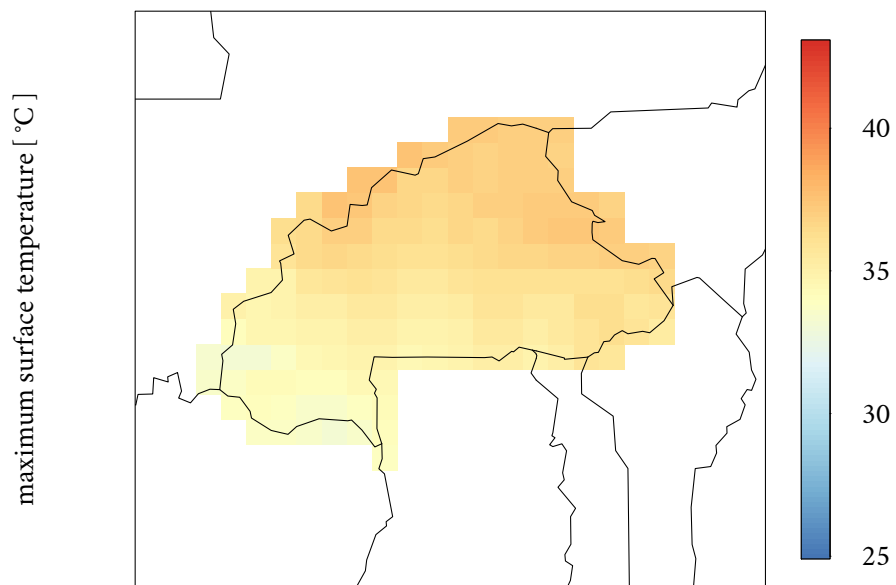


Figure 1492: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

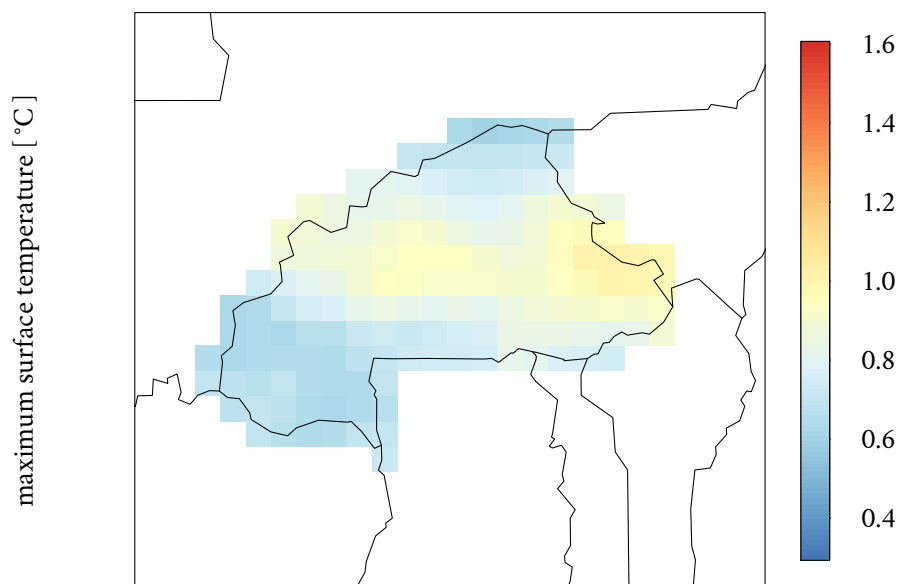


Figure 1493: Mean across years, RCP 8.5, 2060 .. 2089

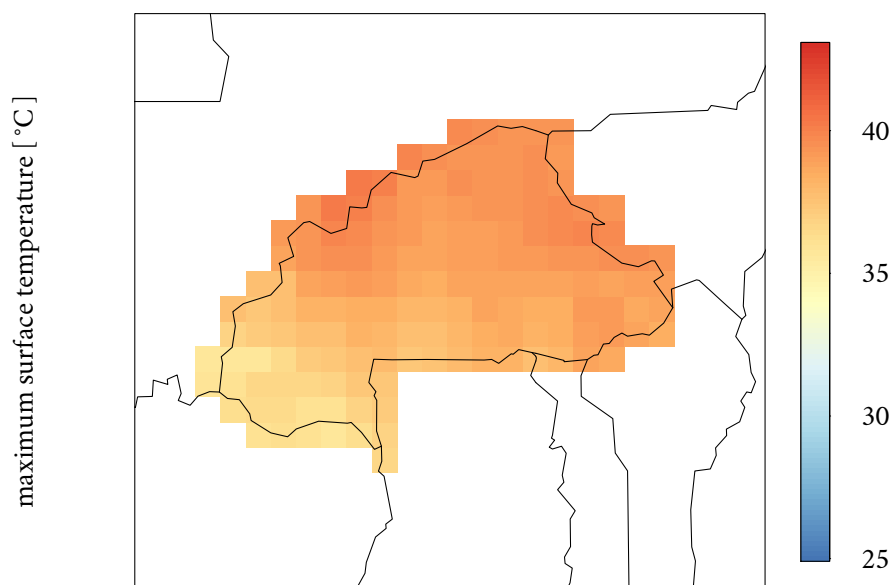


Figure 1494: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

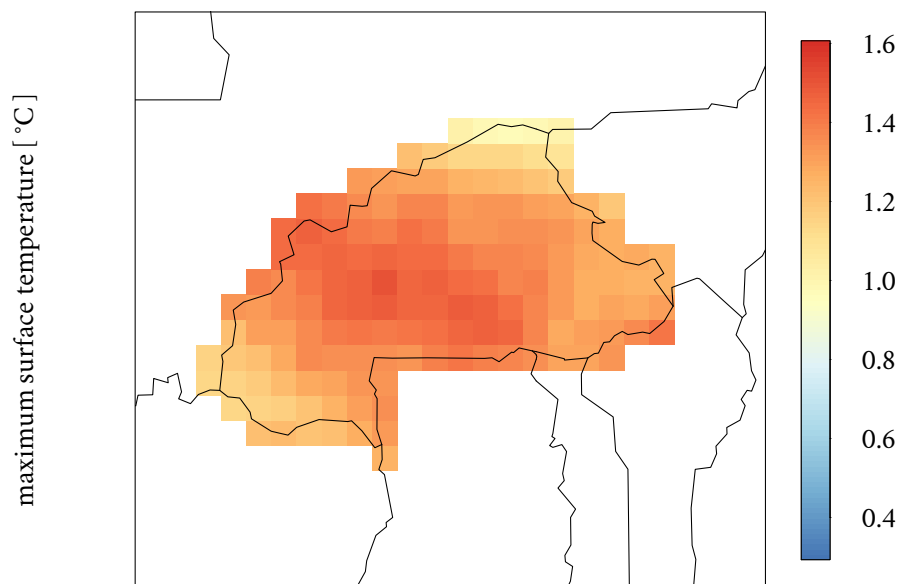
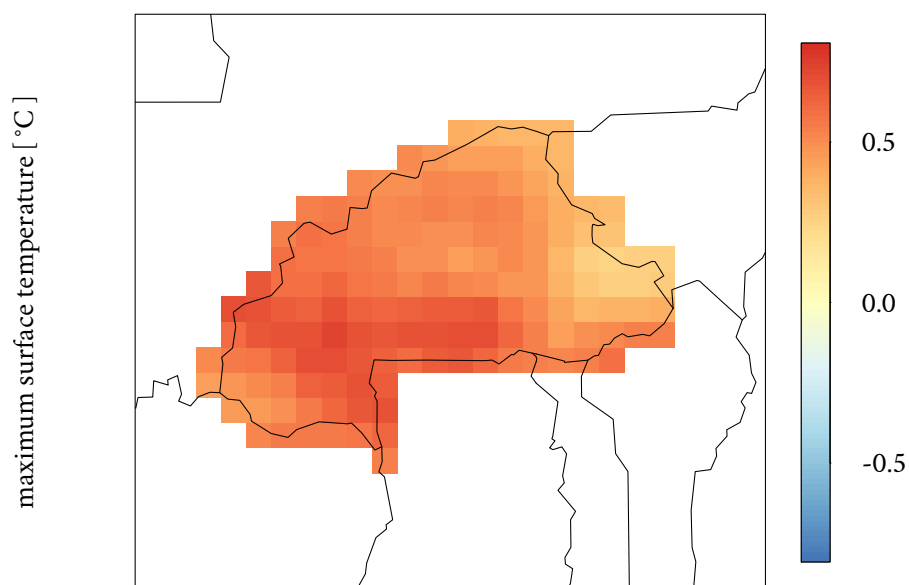


Figure 1495: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.18 GCM NCC-NorESM1-M / RCM RCA4

Figure 1496: Mean across years, RCP 8.5, 2020 .. 2049

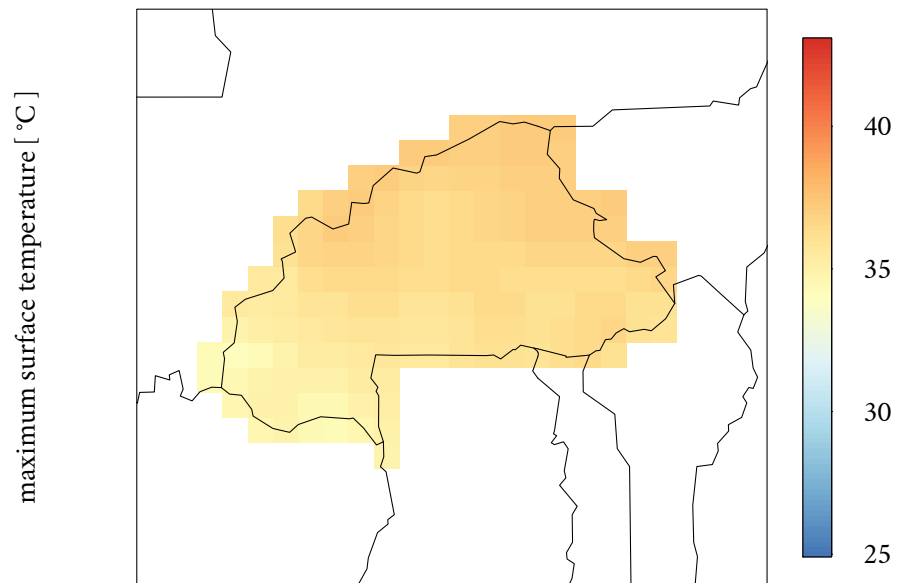


Figure 1497: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

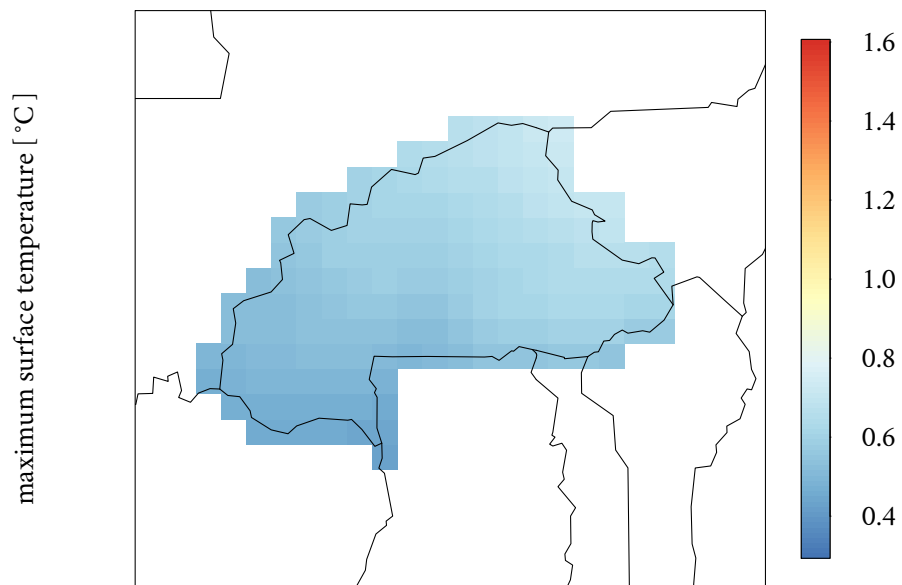


Figure 1498: Mean across years, RCP 8.5, 2060 .. 2089

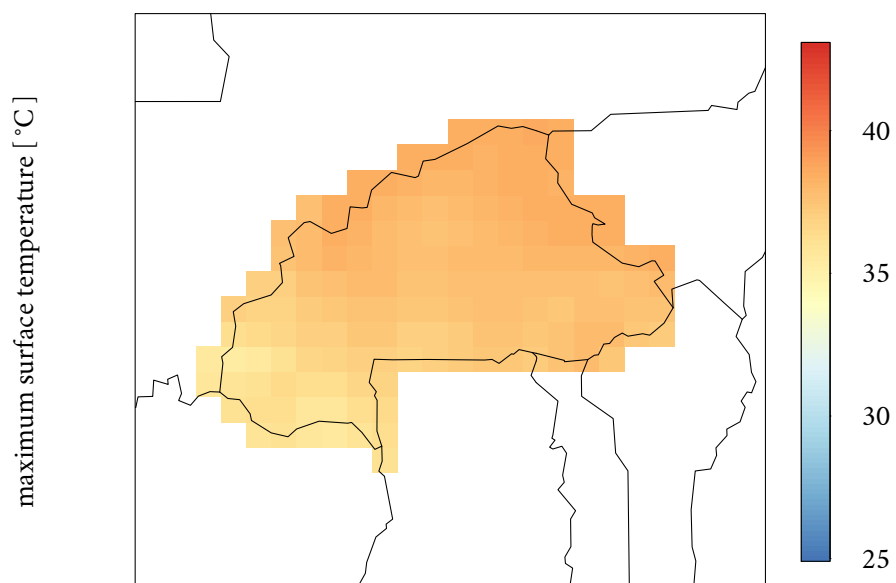


Figure 1499: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

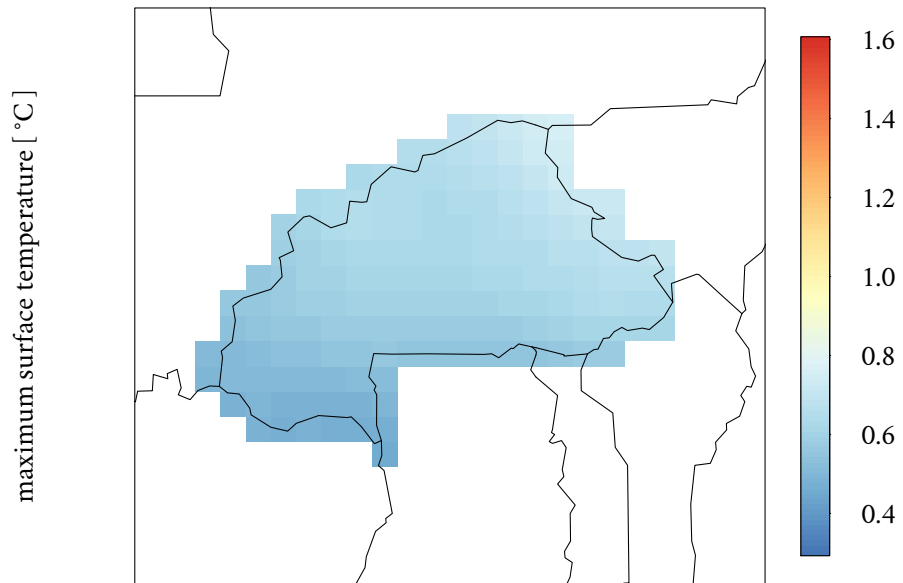
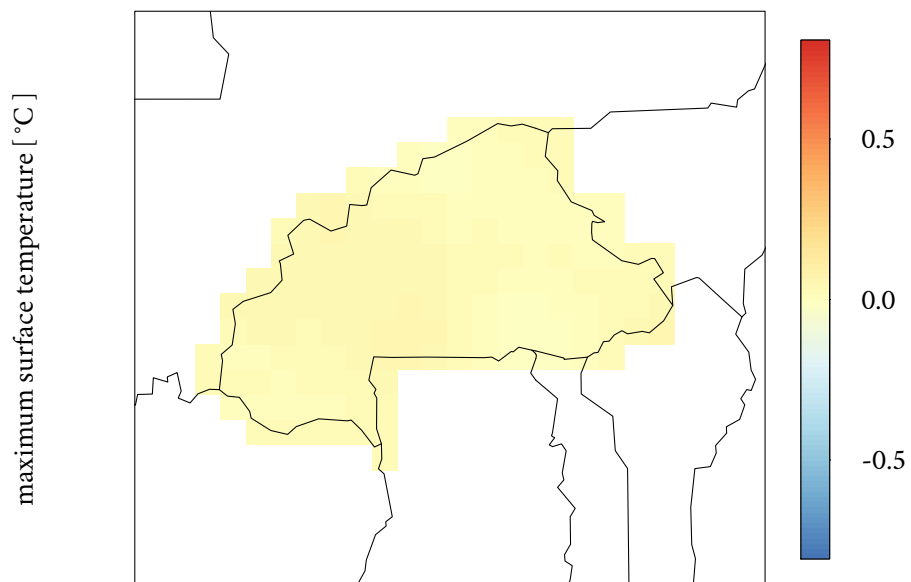


Figure 1500: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.2.19 GCM NOAA-GFDL-GFDL-ESM2M / RCM RCA4

Figure 1501: Mean across years, RCP 8.5, 2020 .. 2049

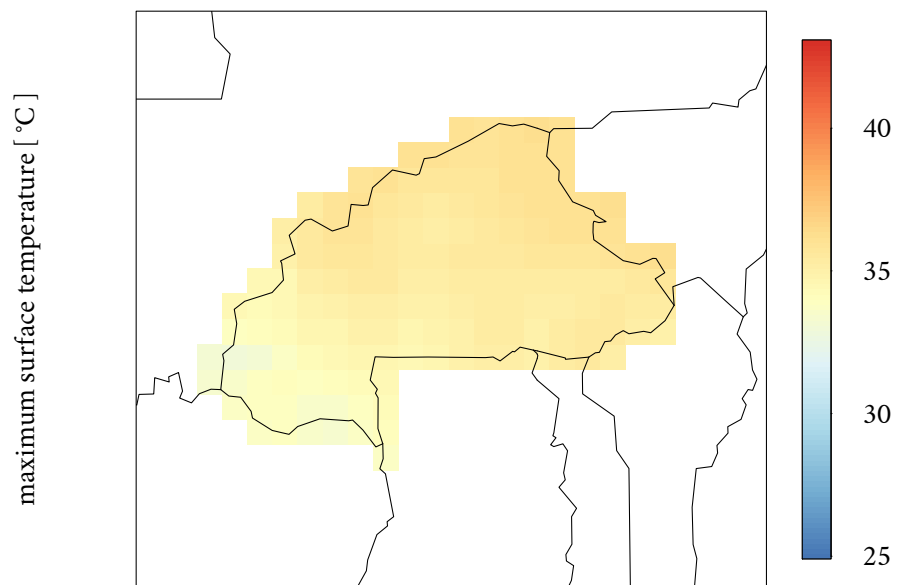


Figure 1502: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

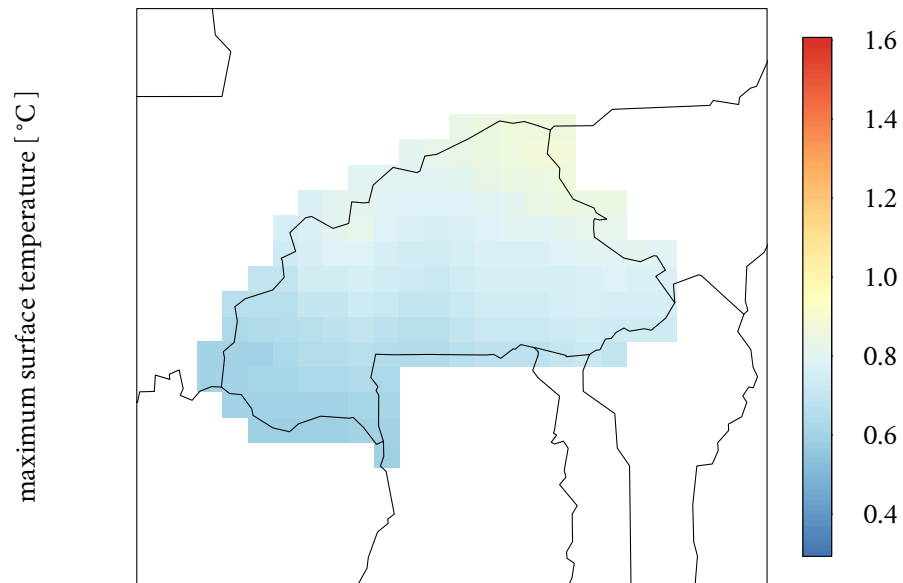


Figure 1503: Mean across years, RCP 8.5, 2060 .. 2089

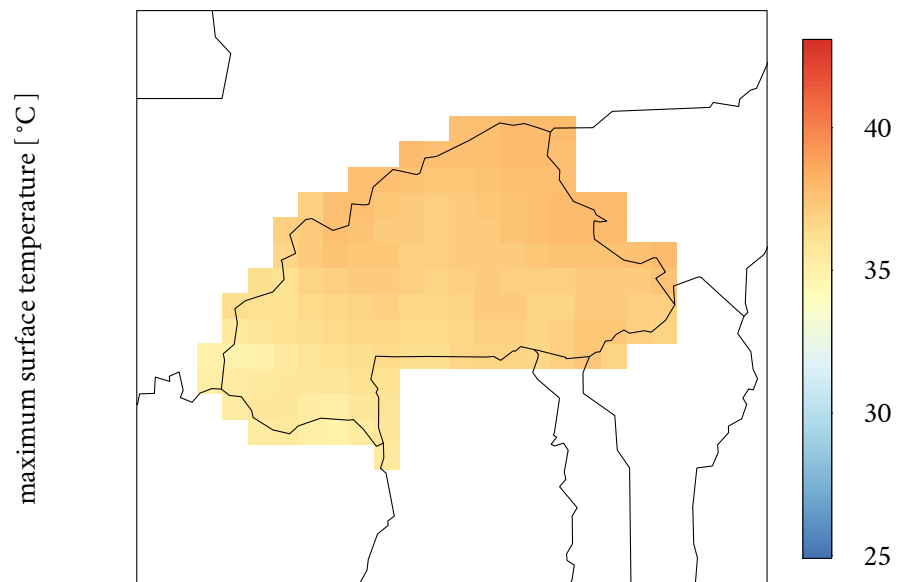


Figure 1504: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

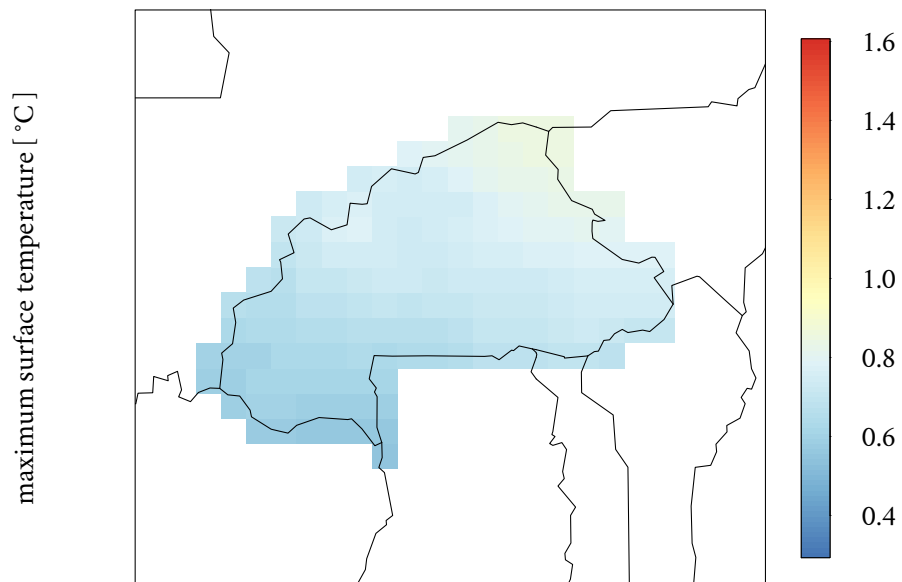
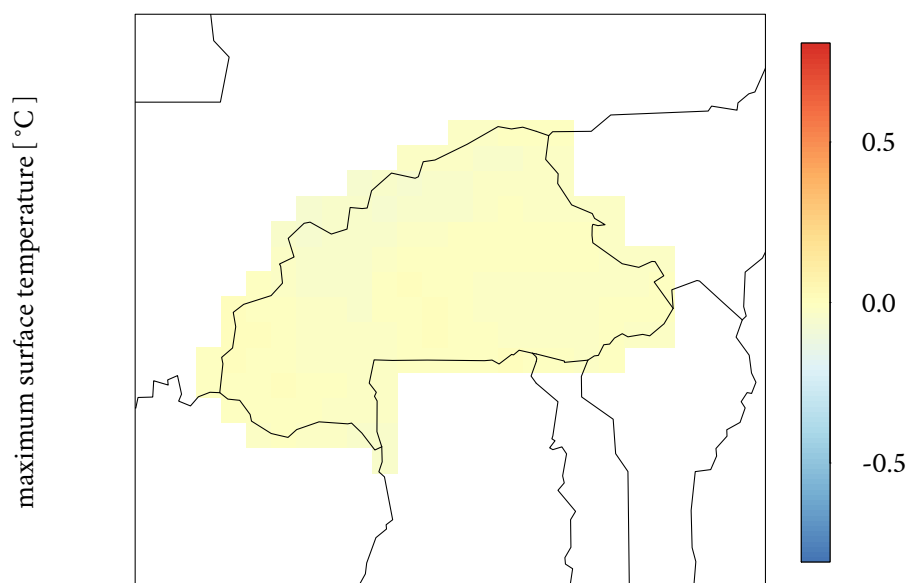


Figure 1505: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.3 Kenya / RCP 2.6

E.3.1 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 1506: Mean across years, RCP 2.6, 2020 .. 2049

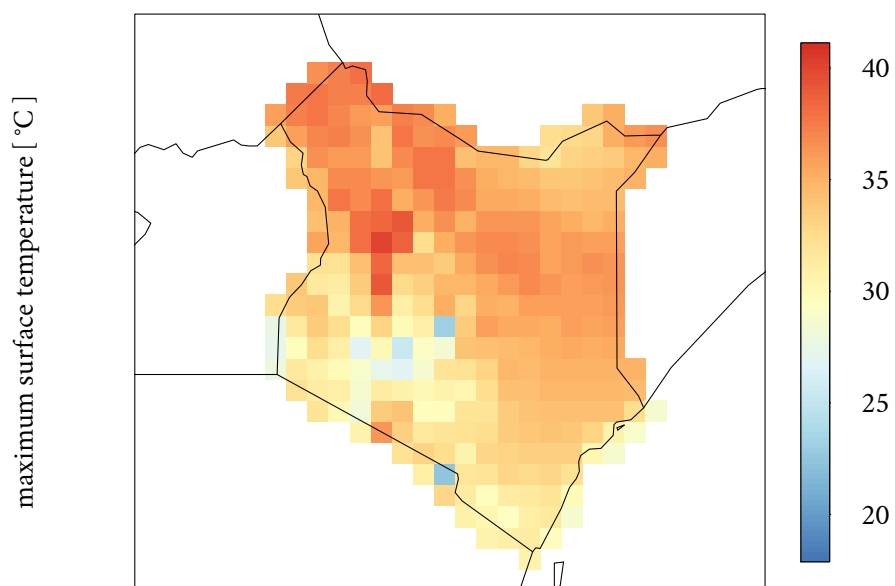


Figure 1507: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

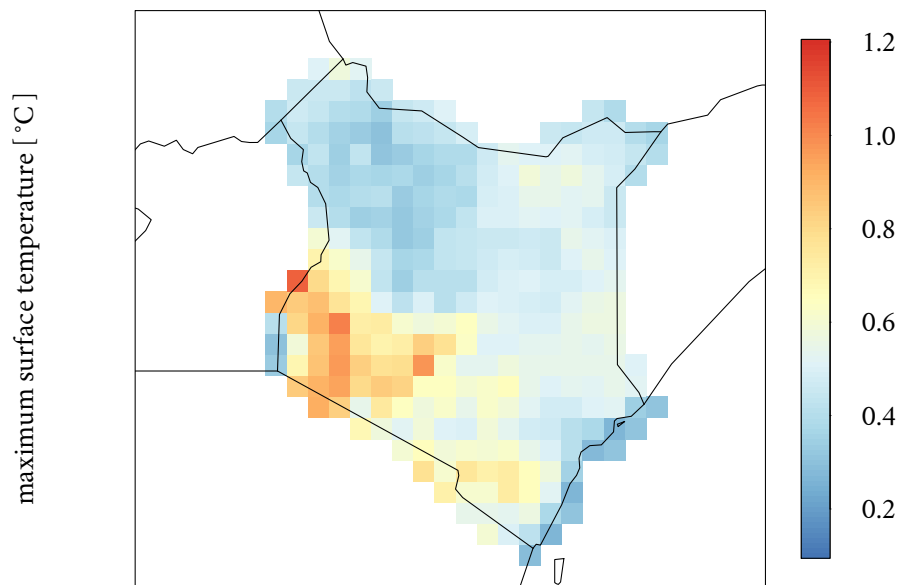


Figure 1508: Mean across years, RCP 2.6, 2060 .. 2089

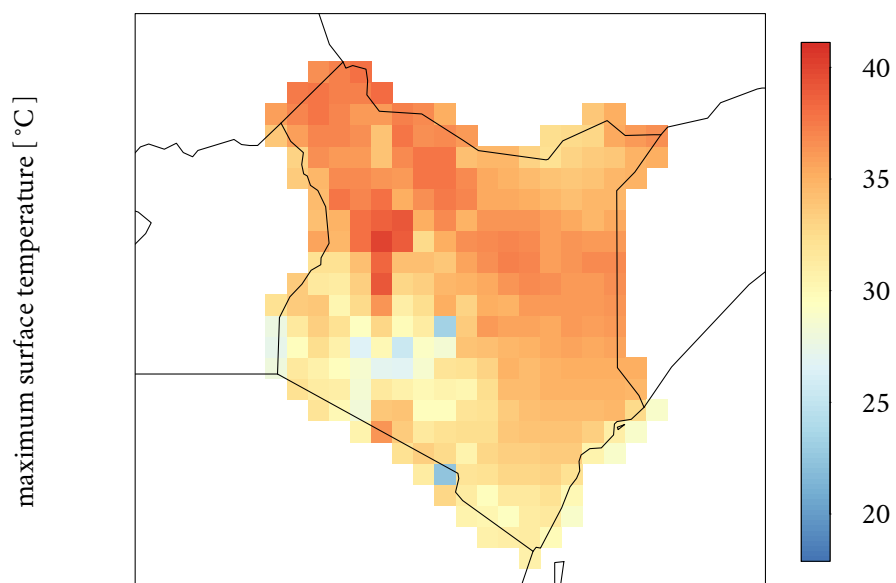


Figure 1509: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

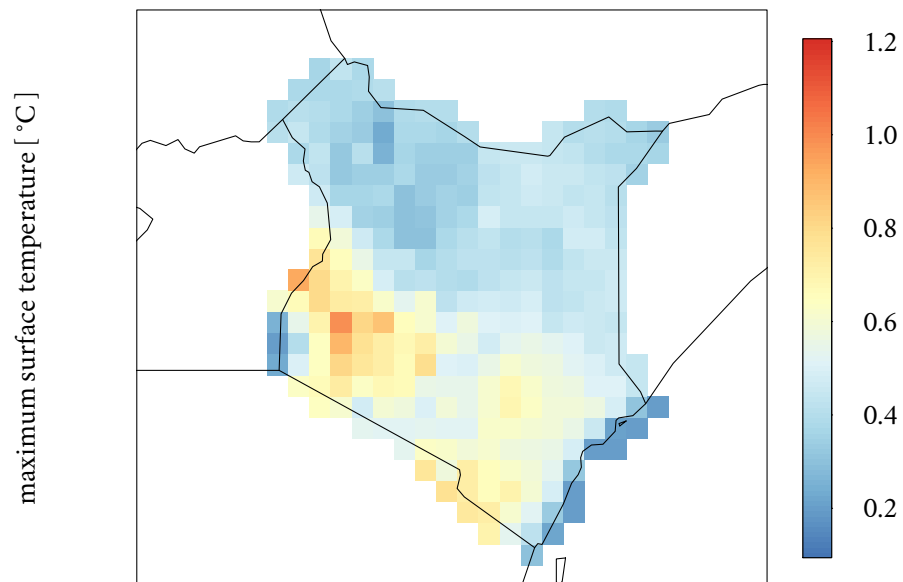
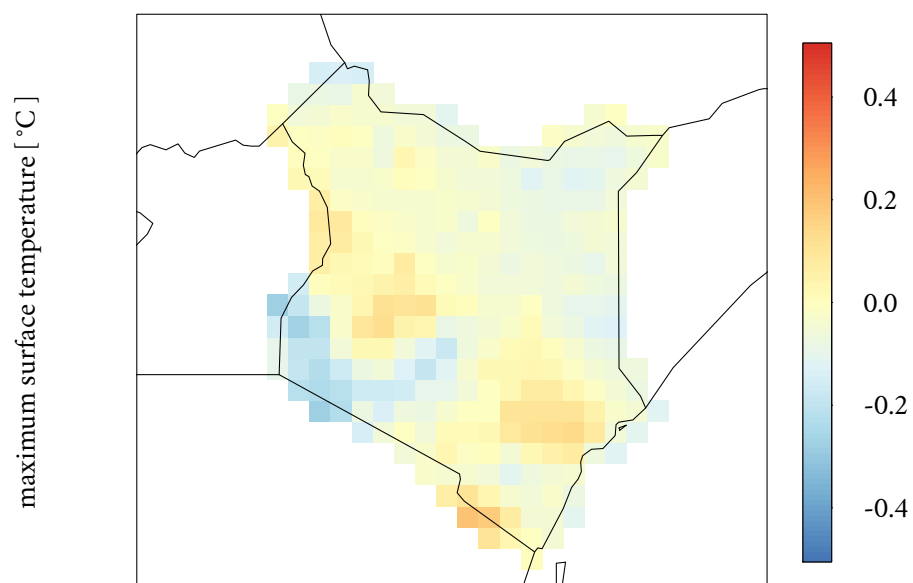


Figure 1510: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.3.2 GCM MIROC-MIROC5 / RCM RCA4

Figure 1511: Mean across years, RCP 2.6, 2020 .. 2049

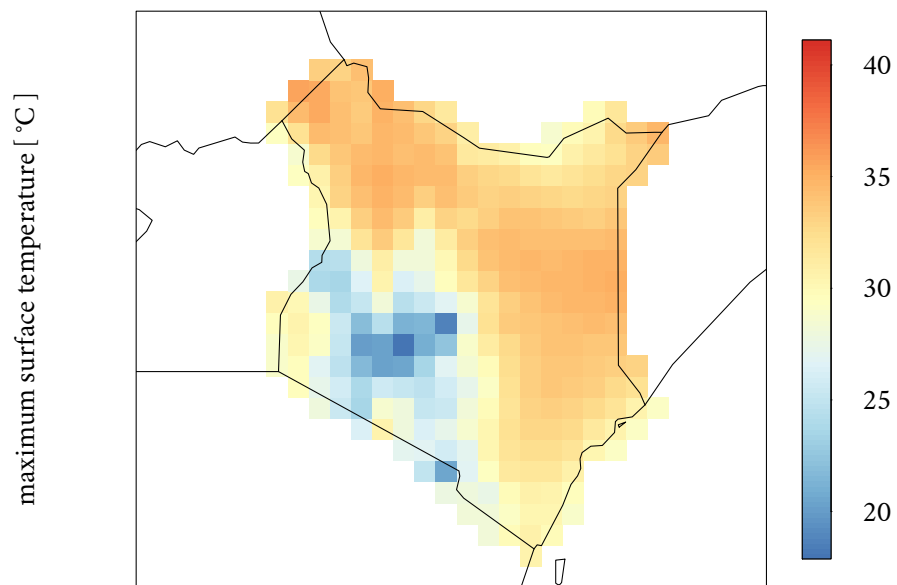


Figure 1512: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

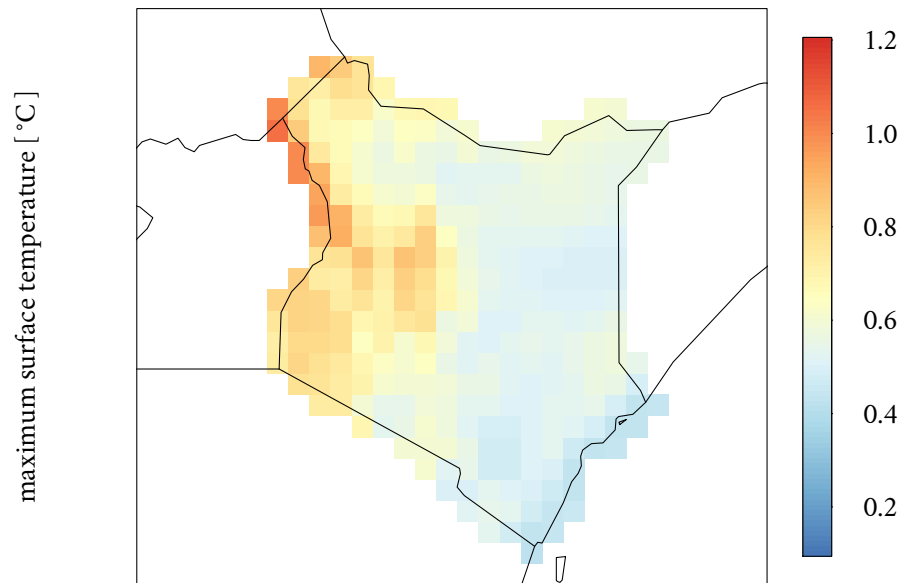


Figure 1513: Mean across years, RCP 2.6, 2060 .. 2089

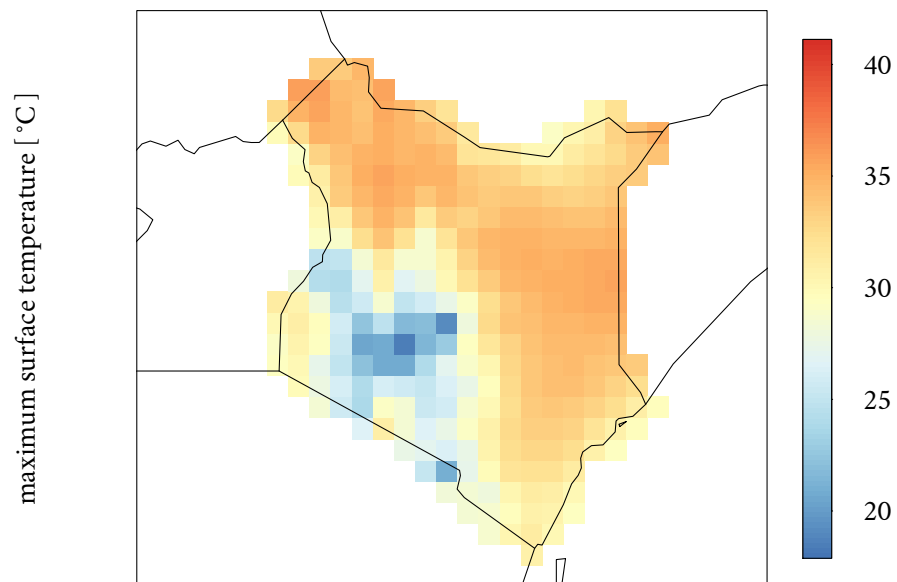


Figure 1514: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

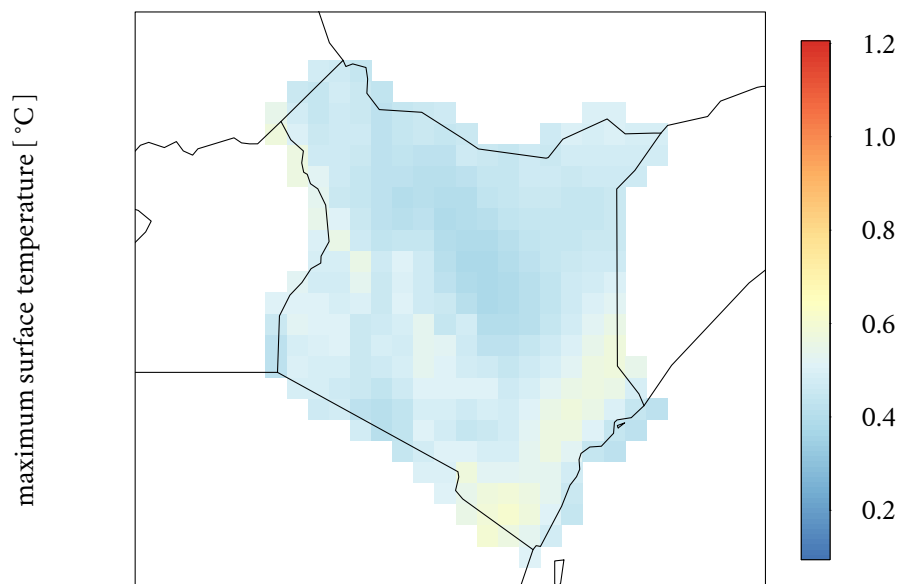
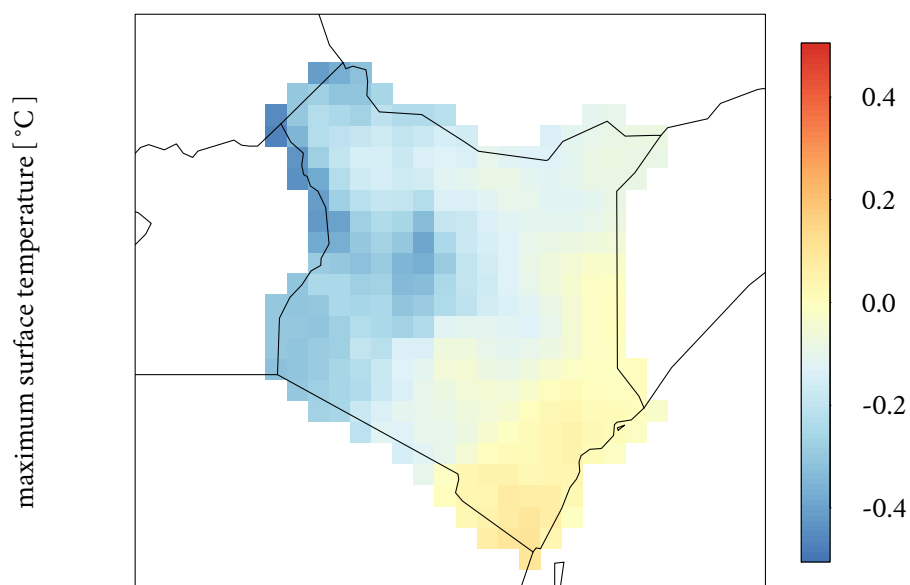


Figure 1515: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.3.3 GCM MIROC-MIROC5 / RCM REMO2009

Figure 1516: Mean across years, RCP 2.6, 2020 .. 2049

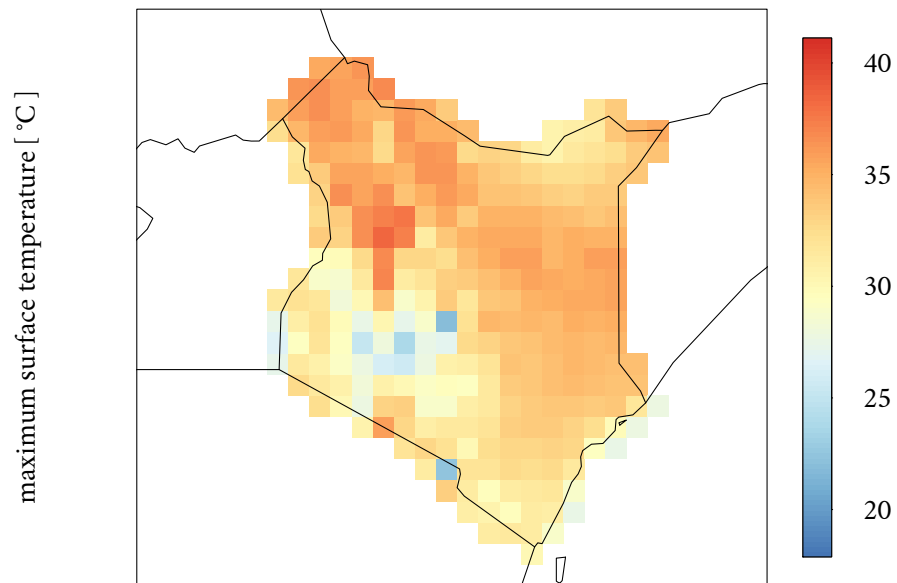


Figure 1517: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

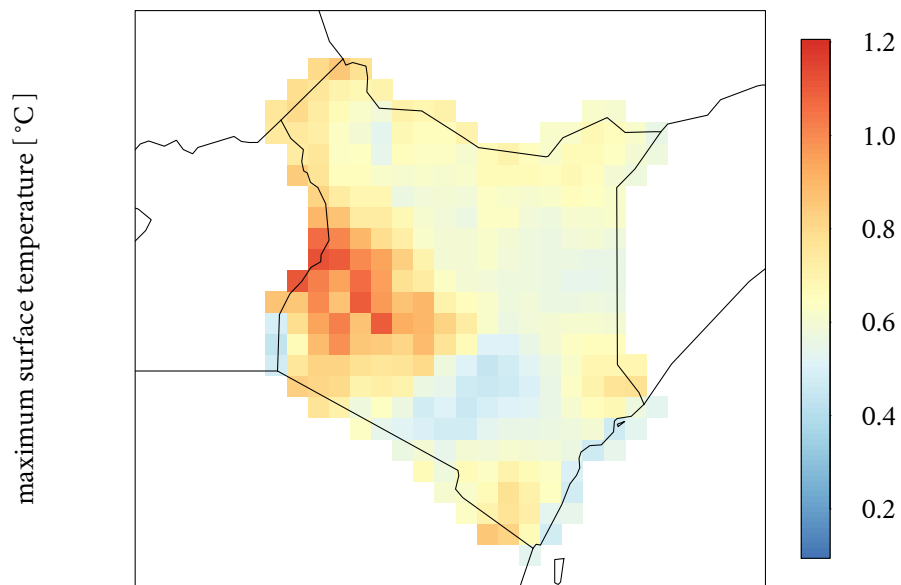


Figure 1518: Mean across years, RCP 2.6, 2060 .. 2089

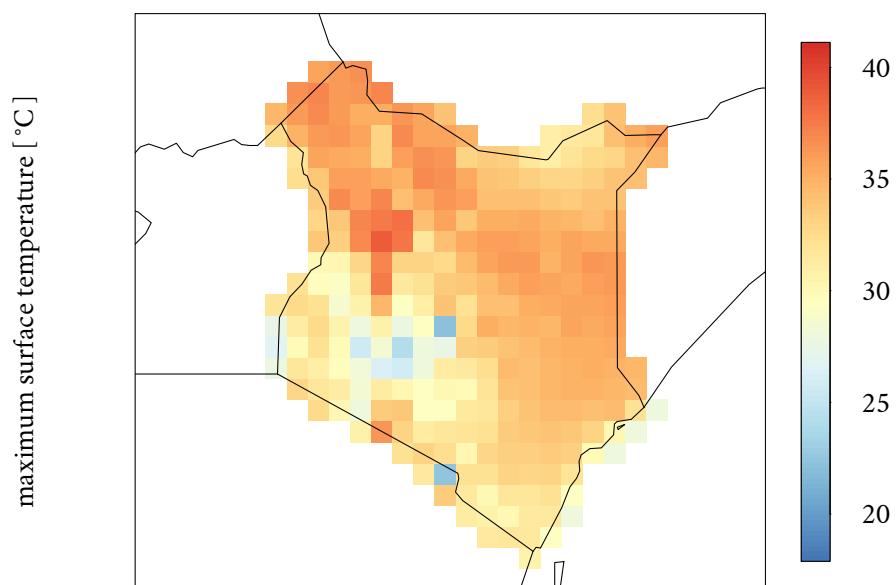


Figure 1519: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

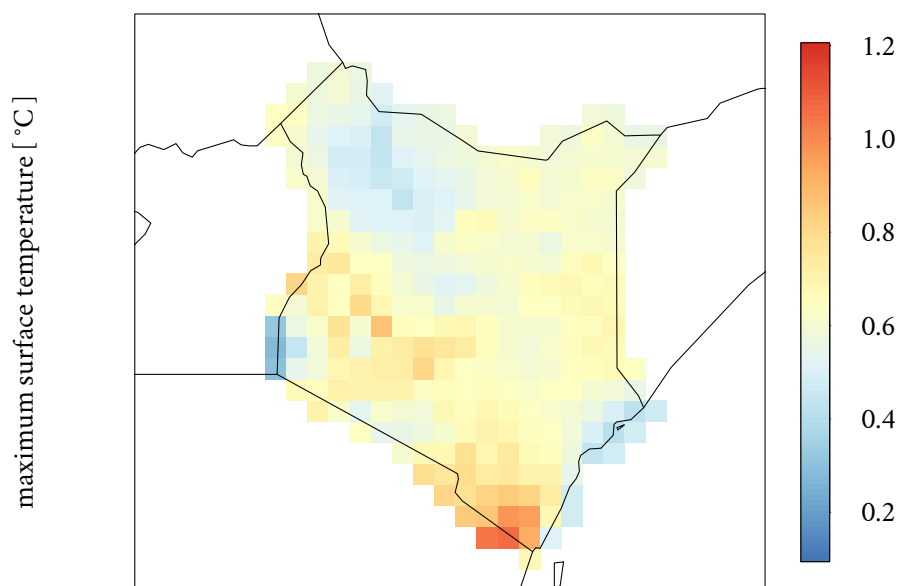
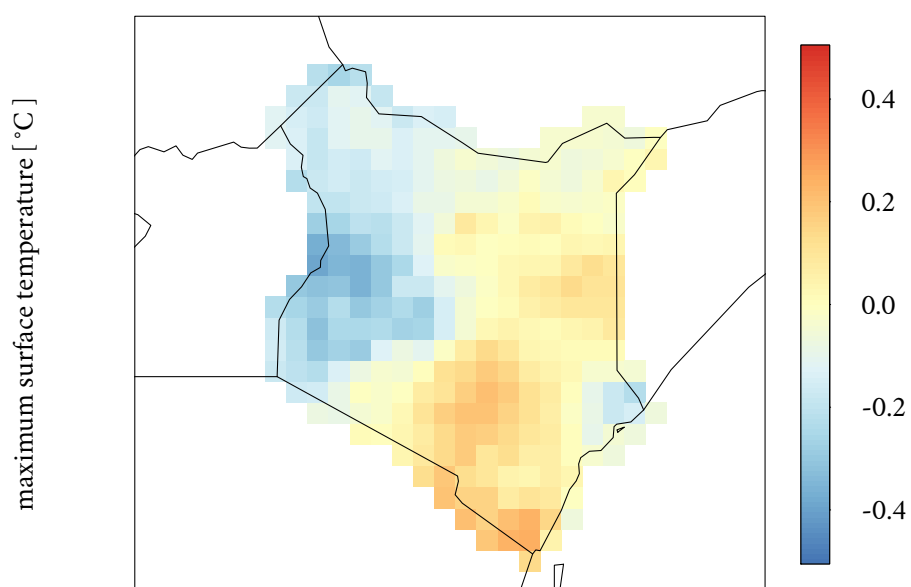


Figure 1520: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.3.4 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 1521: Mean across years, RCP 2.6, 2020 .. 2049

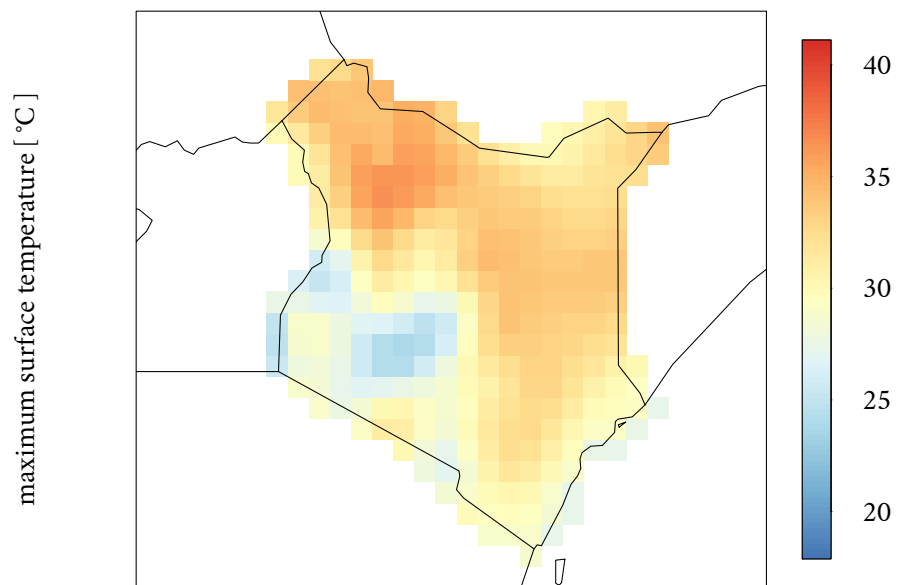


Figure 1522: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

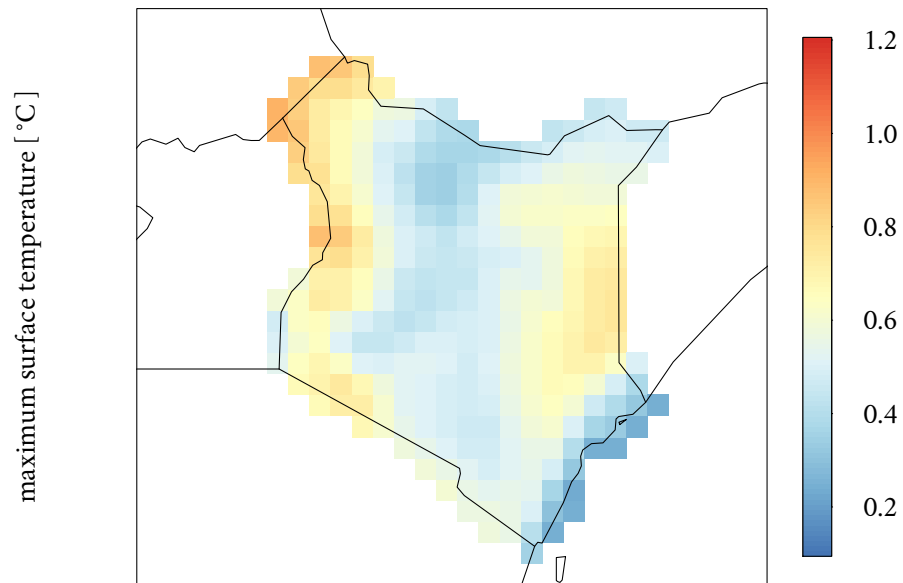


Figure 1523: Mean across years, RCP 2.6, 2060 .. 2089

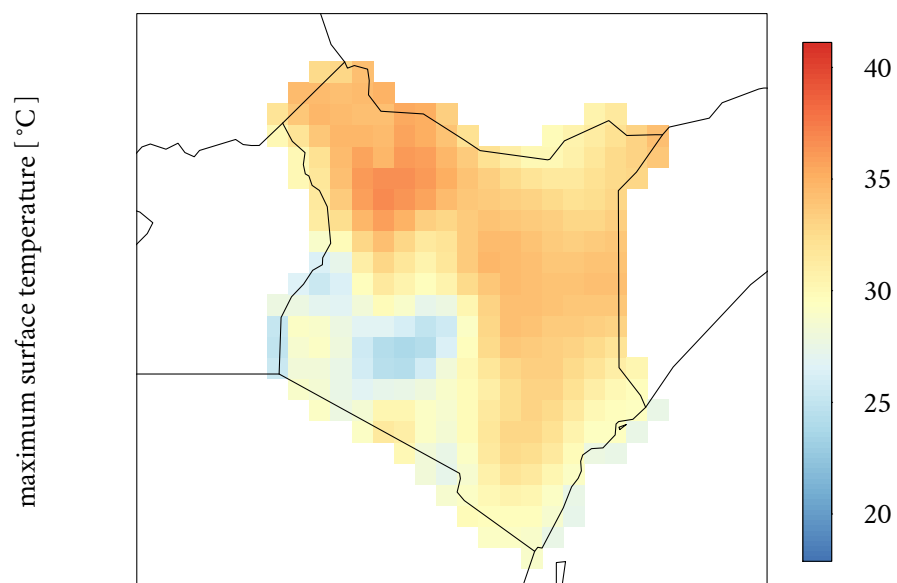


Figure 1524: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

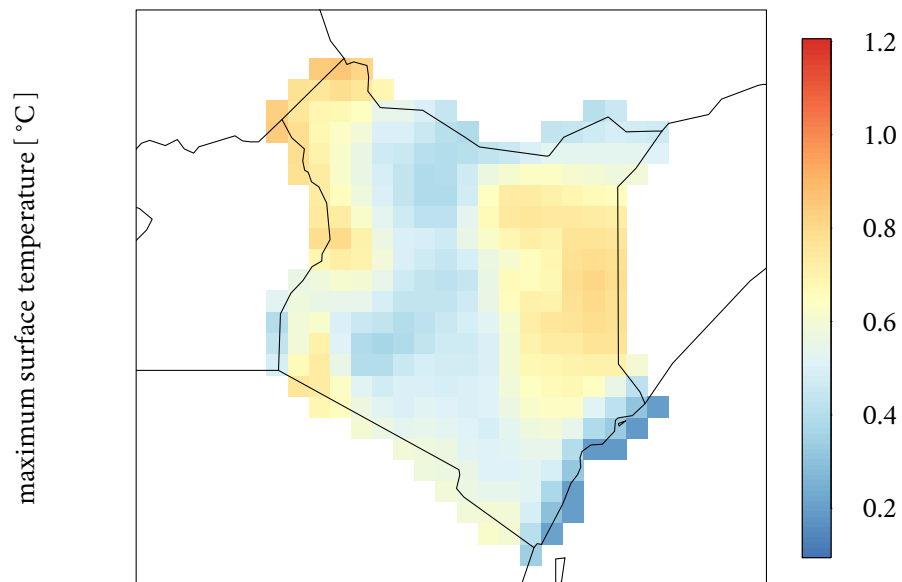
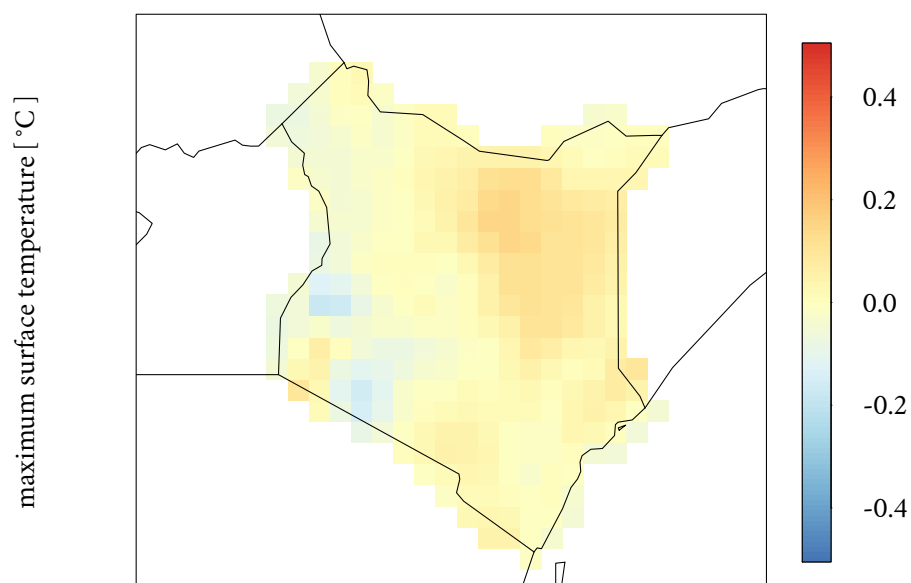


Figure 1525: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.3.5 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 1526: Mean across years, RCP 2.6, 2020 .. 2049

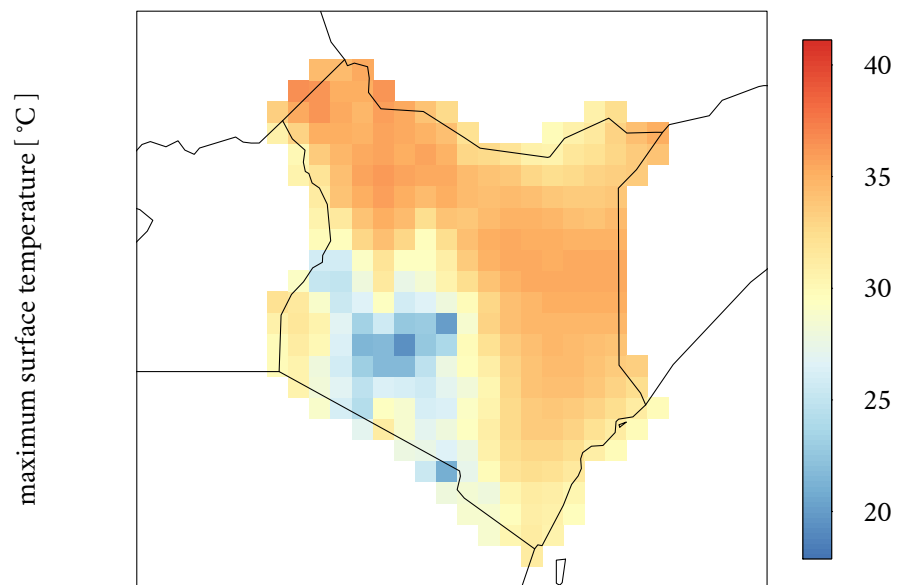


Figure 1527: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

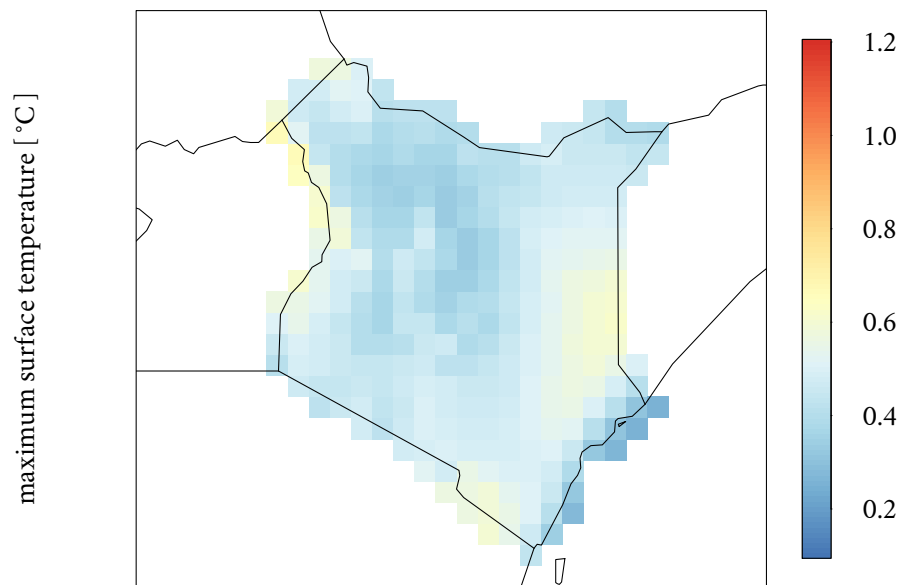


Figure 1528: Mean across years, RCP 2.6, 2060 .. 2089

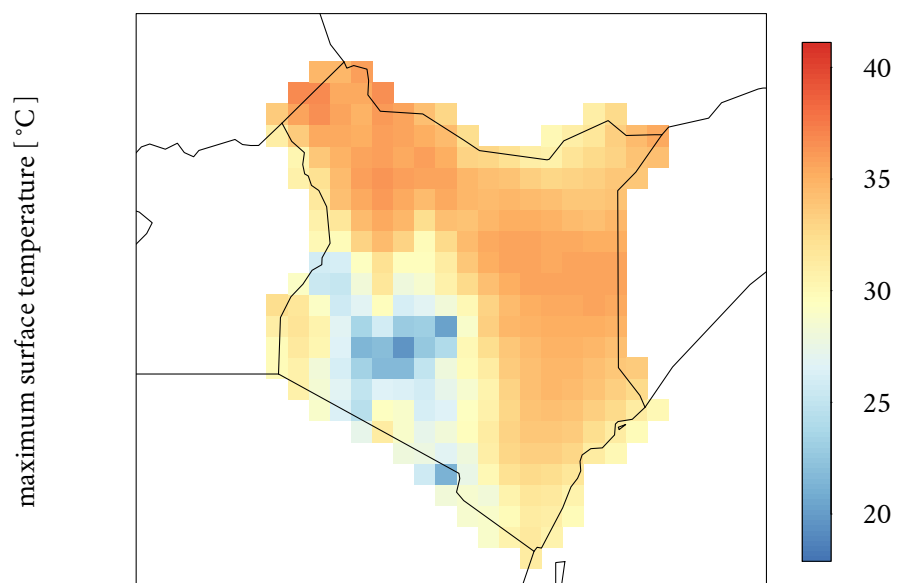


Figure 1529: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

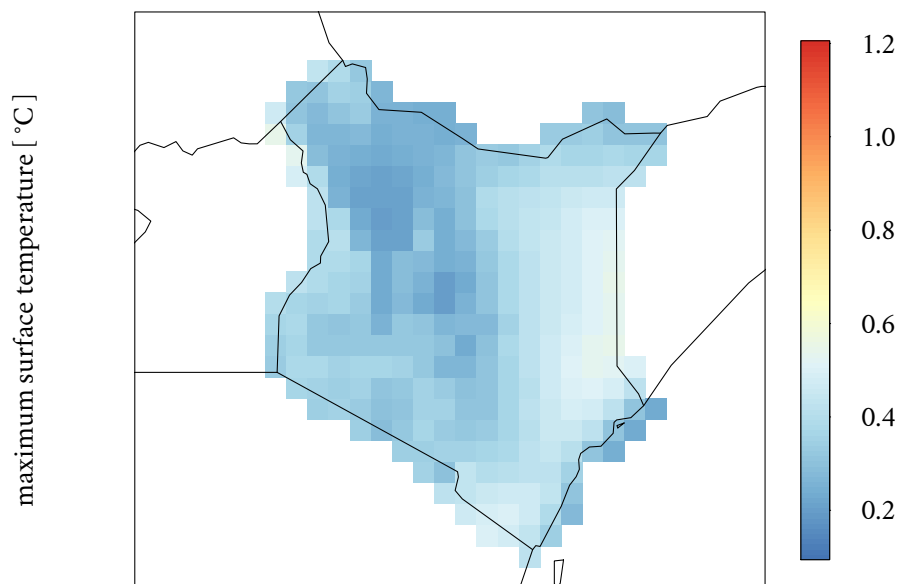
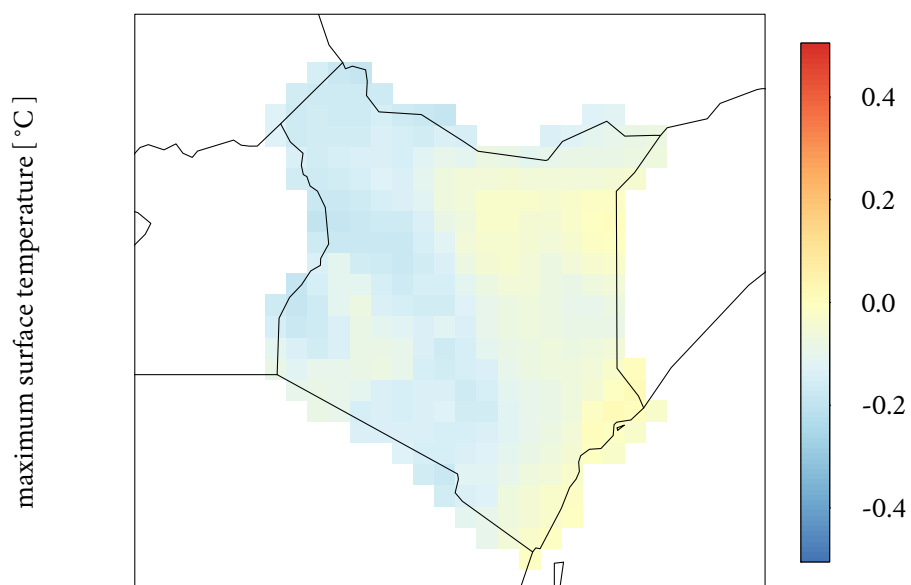


Figure 1530: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.3.6 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 1531: Mean across years, RCP 2.6, 2020 .. 2049

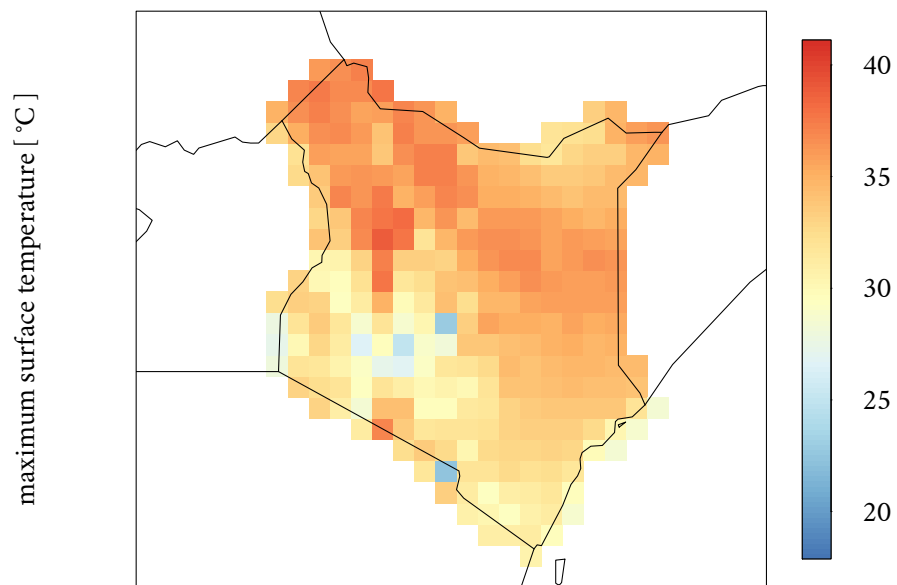


Figure 1532: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

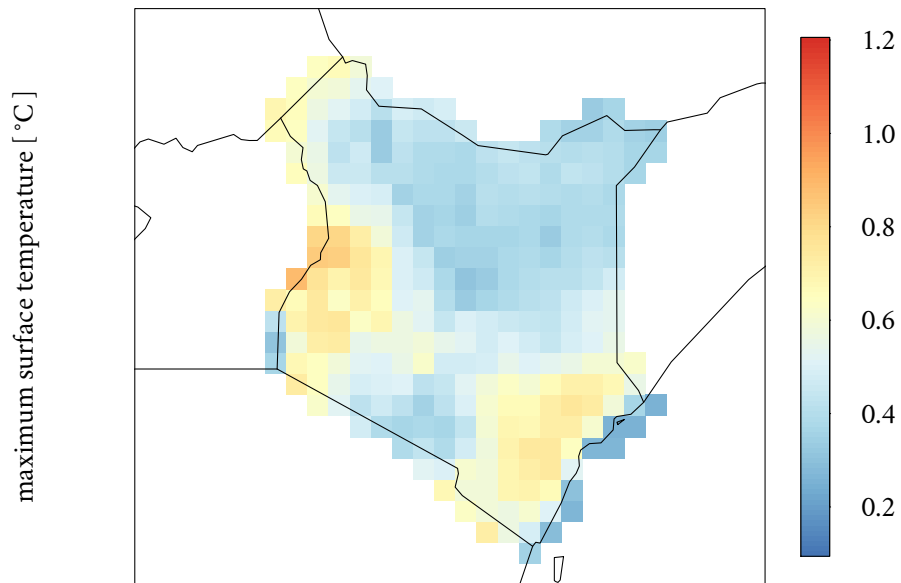


Figure 1533: Mean across years, RCP 2.6, 2060 .. 2089

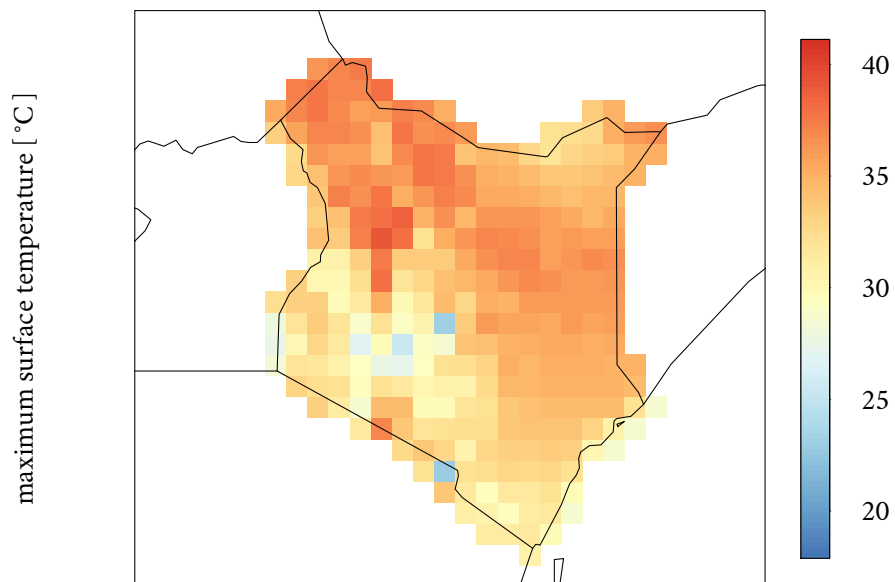


Figure 1534: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

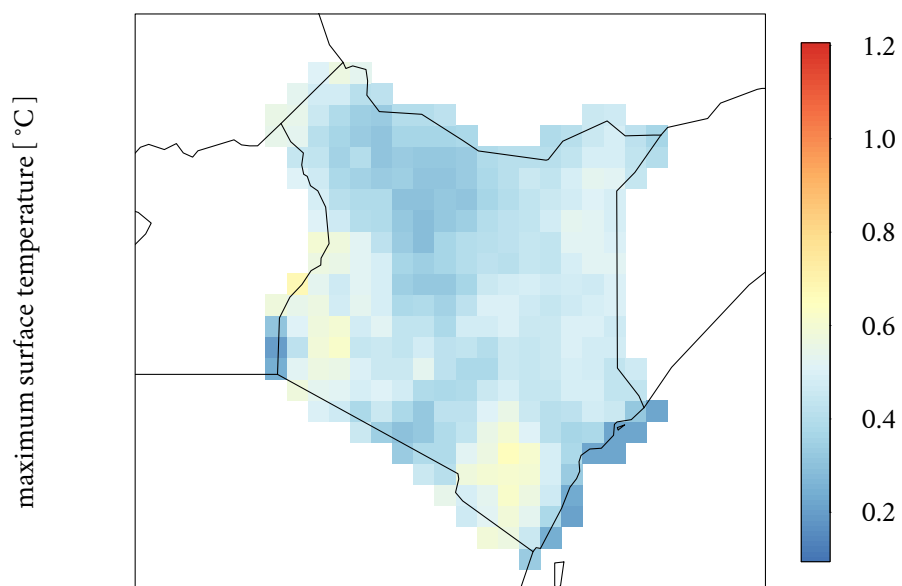
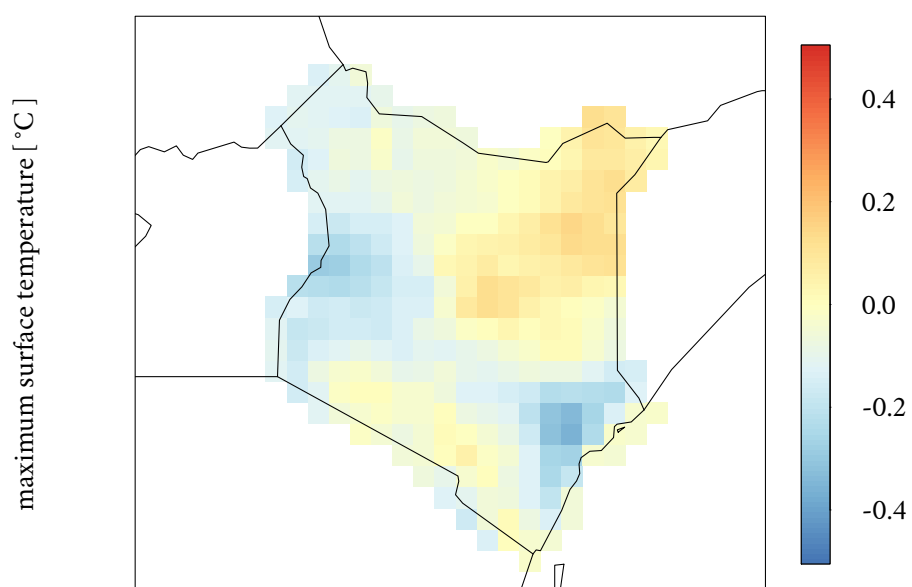


Figure 1535: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.3.7 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 1536: Mean across years, RCP 2.6, 2020 .. 2049

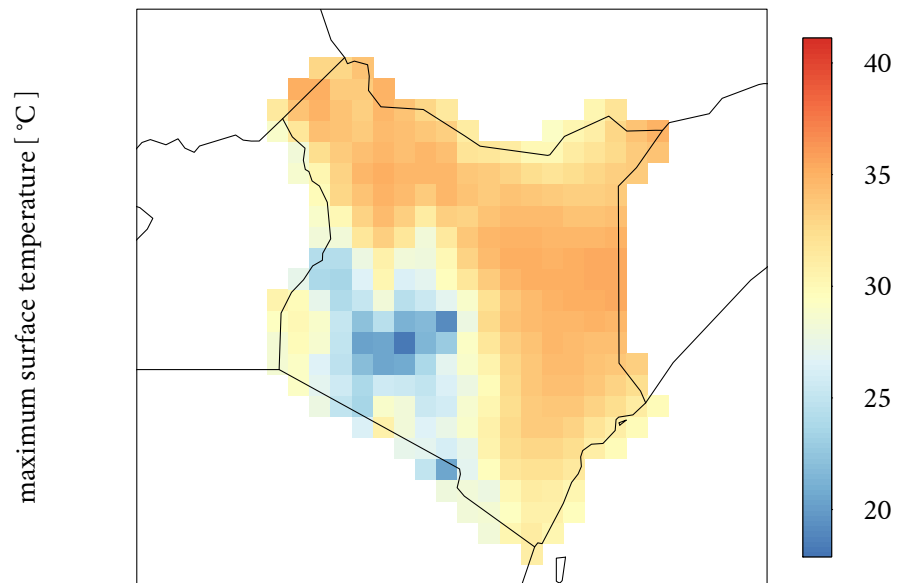


Figure 1537: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

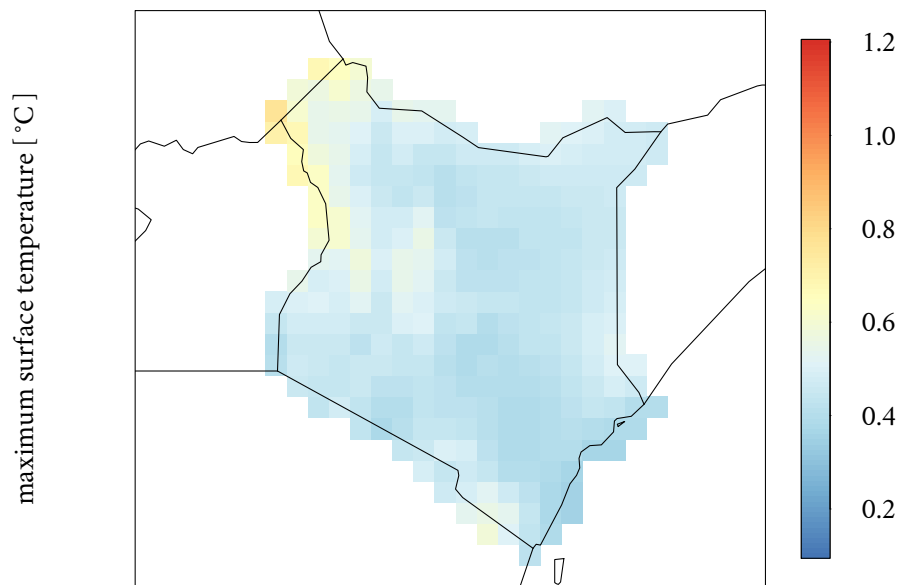


Figure 1538: Mean across years, RCP 2.6, 2060 .. 2089

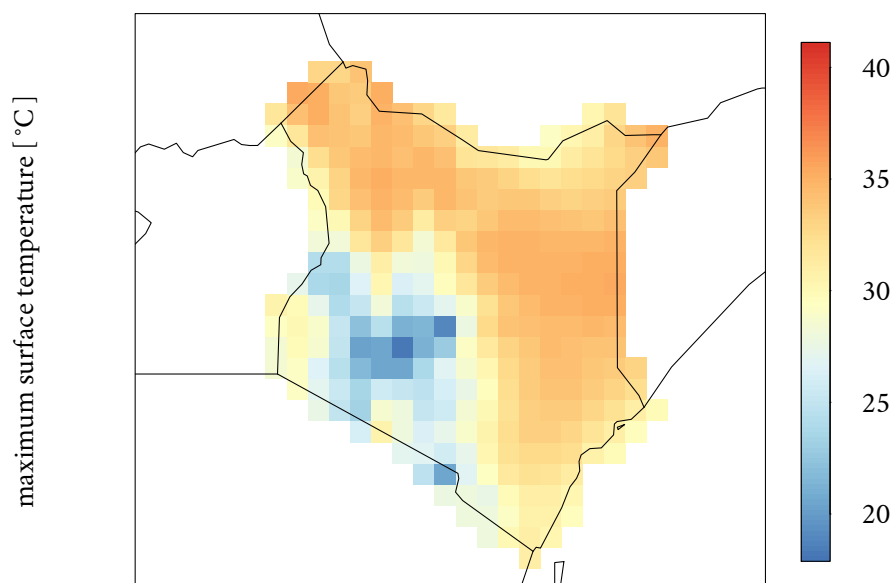


Figure 1539: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

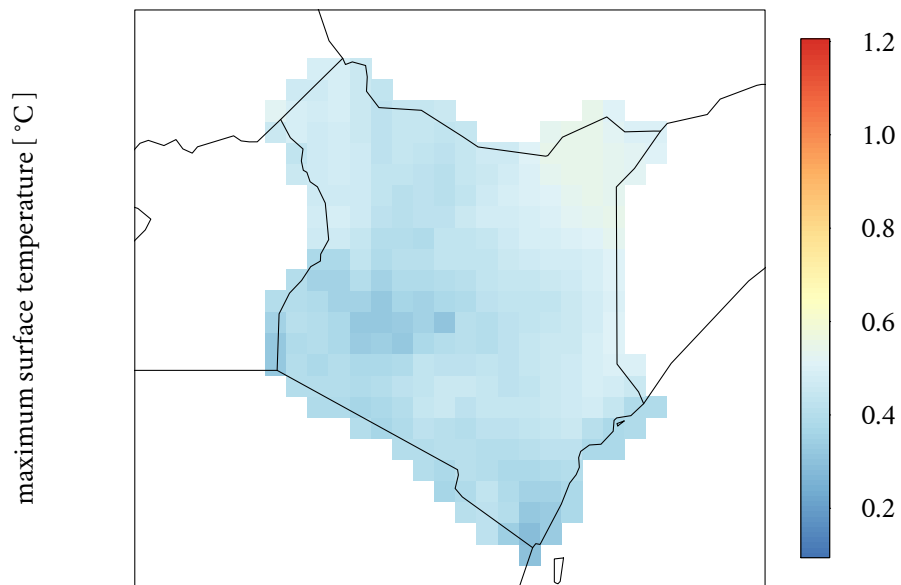
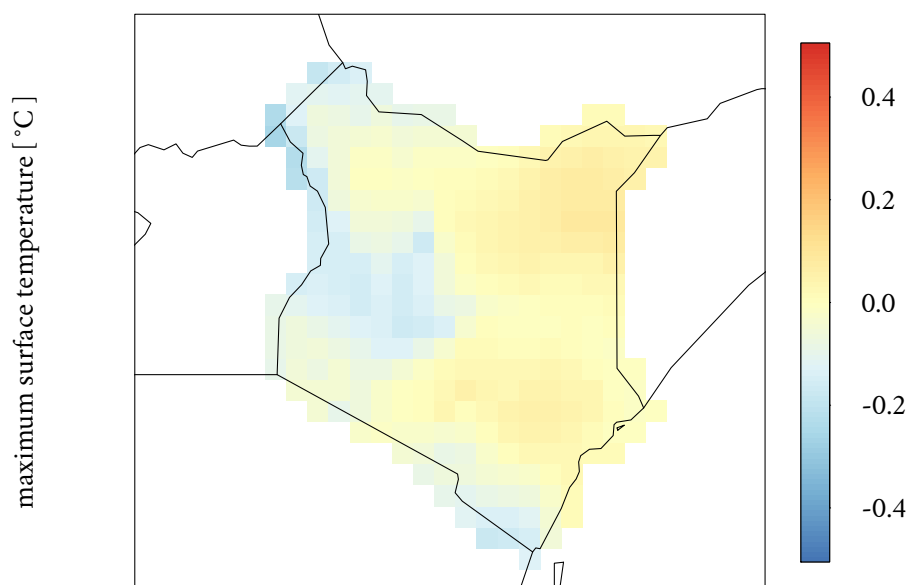


Figure 1540: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.3.8 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 1541: Mean across years, RCP 2.6, 2020 .. 2049

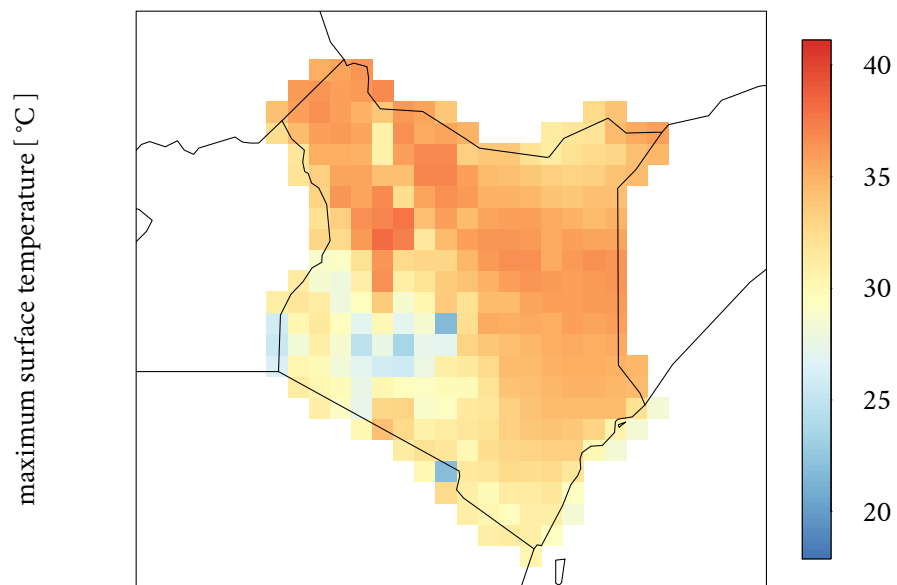


Figure 1542: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

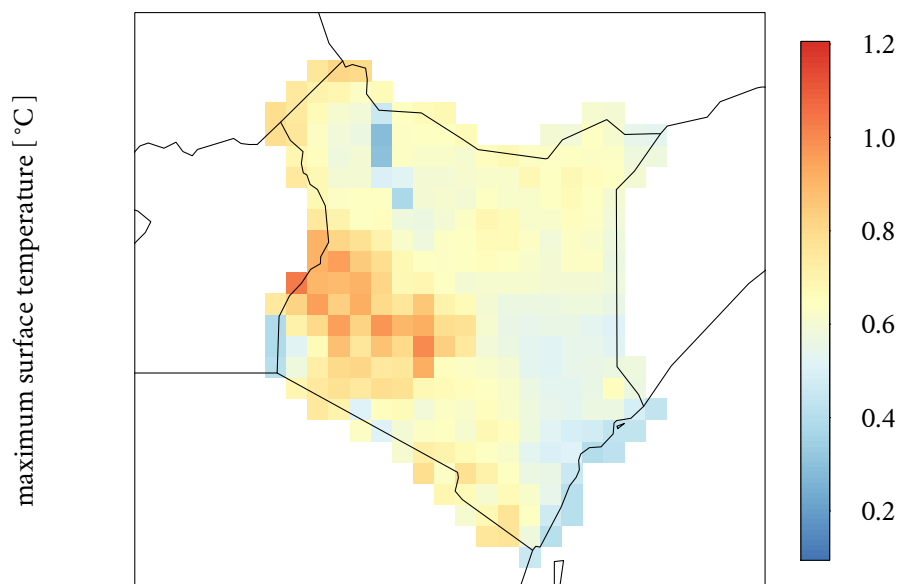


Figure 1543: Mean across years, RCP 2.6, 2060 .. 2089

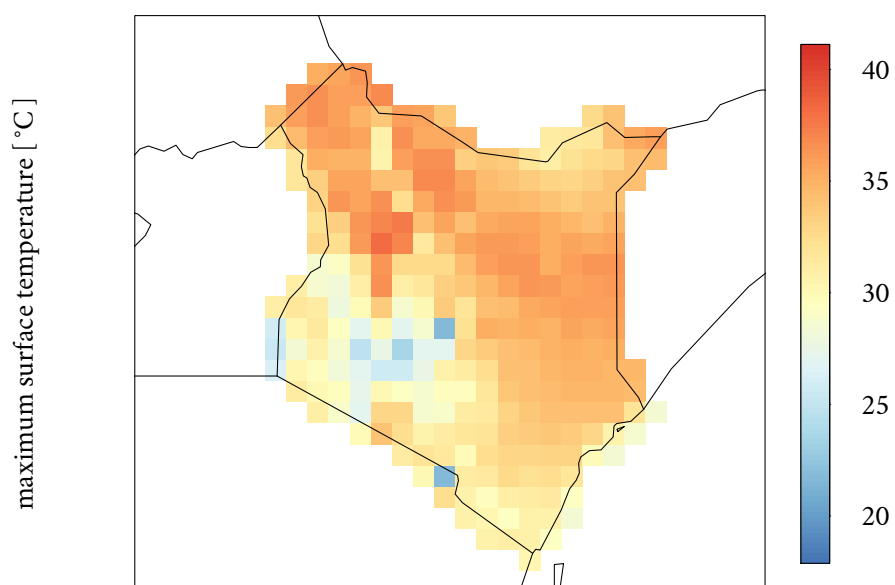


Figure 1544: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

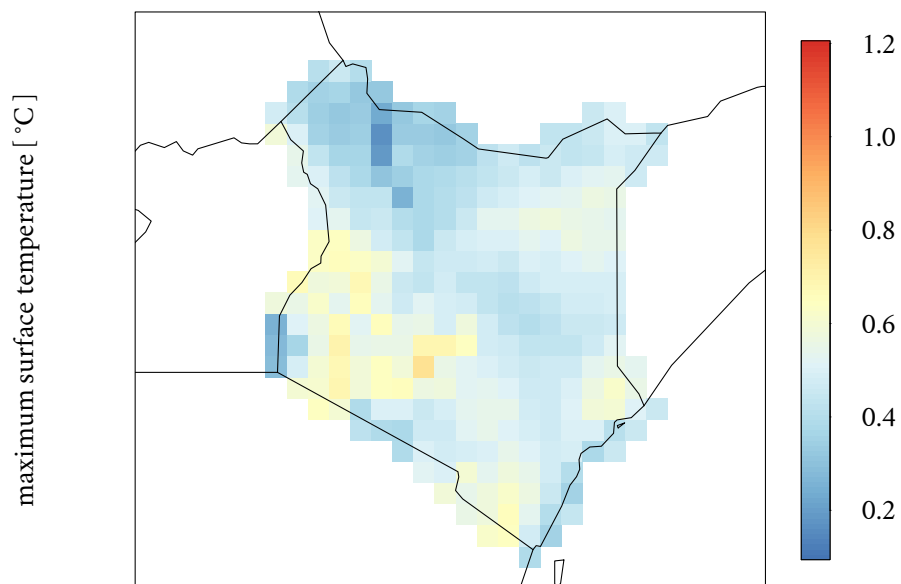
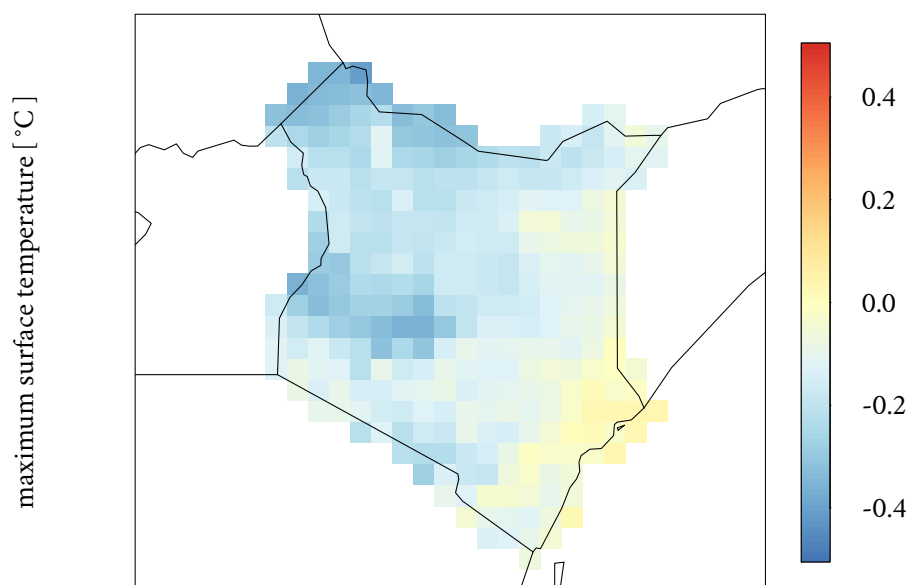


Figure 1545: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.3.9 GCM NCC-NorESM1-M / RCM RCA4

Figure 1546: Mean across years, RCP 2.6, 2020 .. 2049

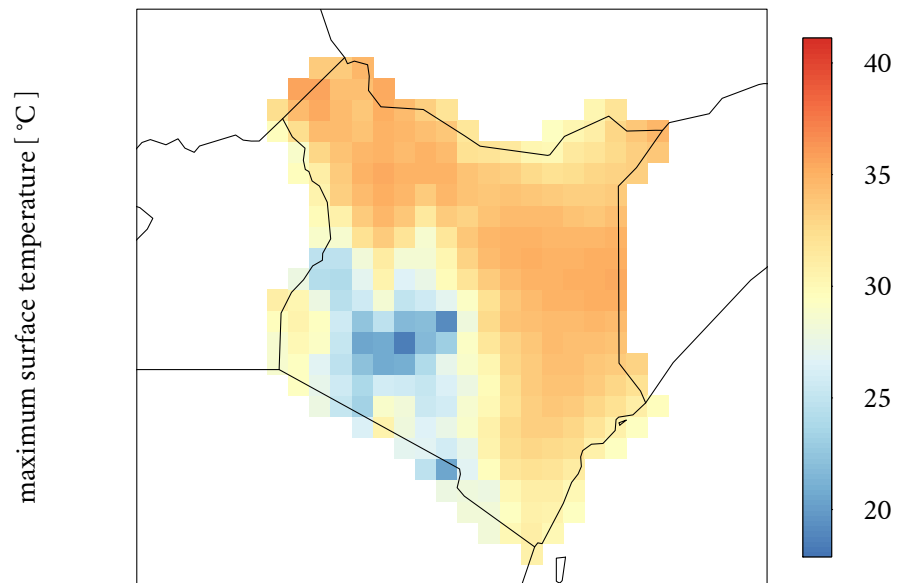


Figure 1547: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

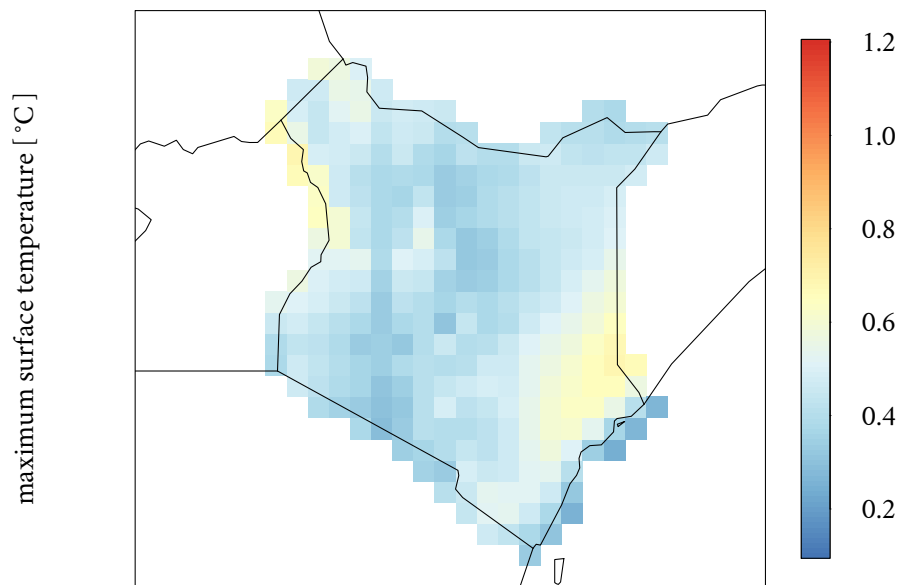


Figure 1548: Mean across years, RCP 2.6, 2060 .. 2089

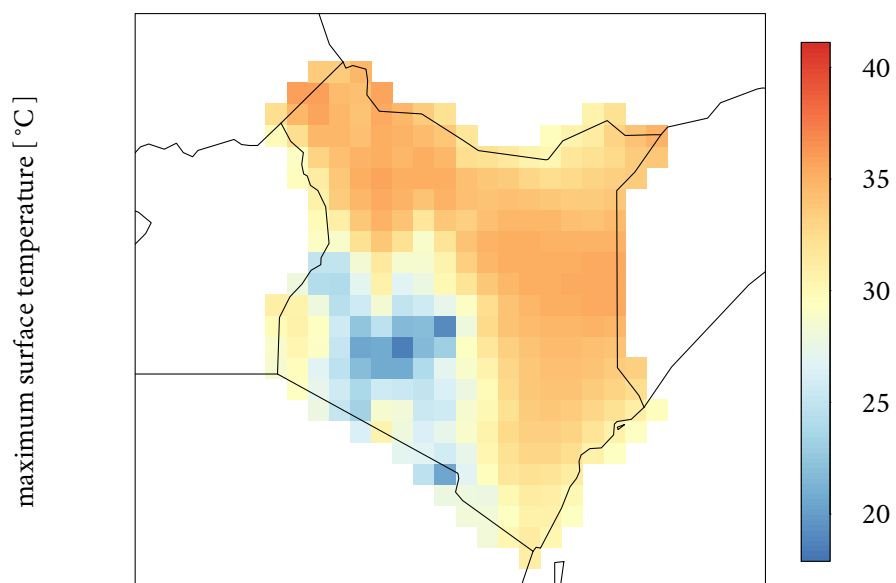


Figure 1549: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

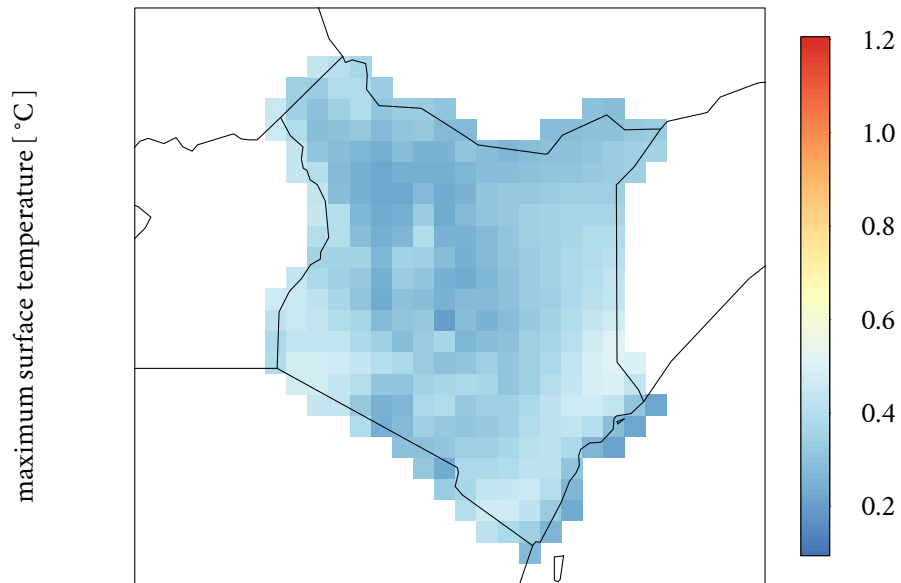
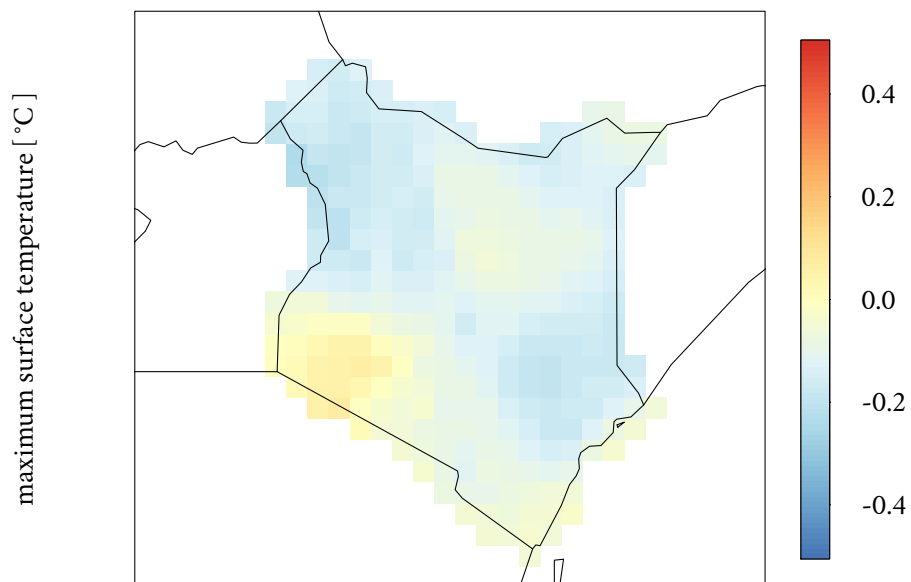


Figure 1550: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.3.10 GCM NOAA-GFDL-GFDL-ESM2G / RCM REMO2009

Figure 1551: Mean across years, RCP 2.6, 2020 .. 2049

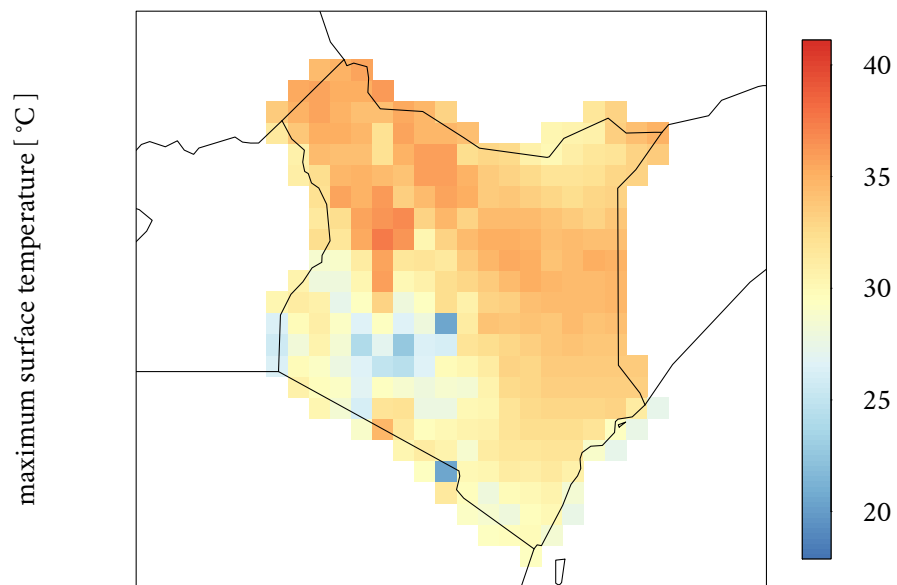


Figure 1552: Standard deviation (annual fluctuations), RCP 2.6, 2020 .. 2049

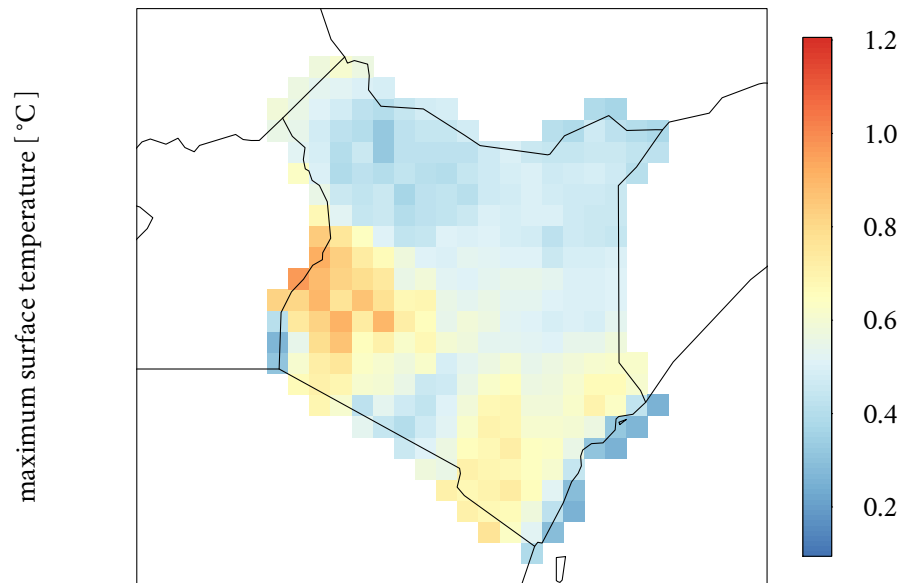


Figure 1553: Mean across years, RCP 2.6, 2060 .. 2089

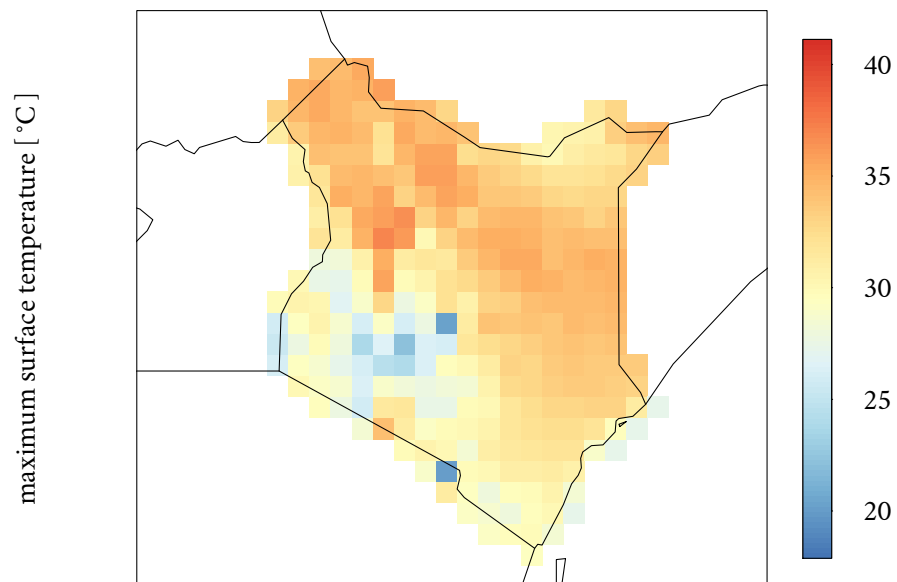


Figure 1554: Standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089

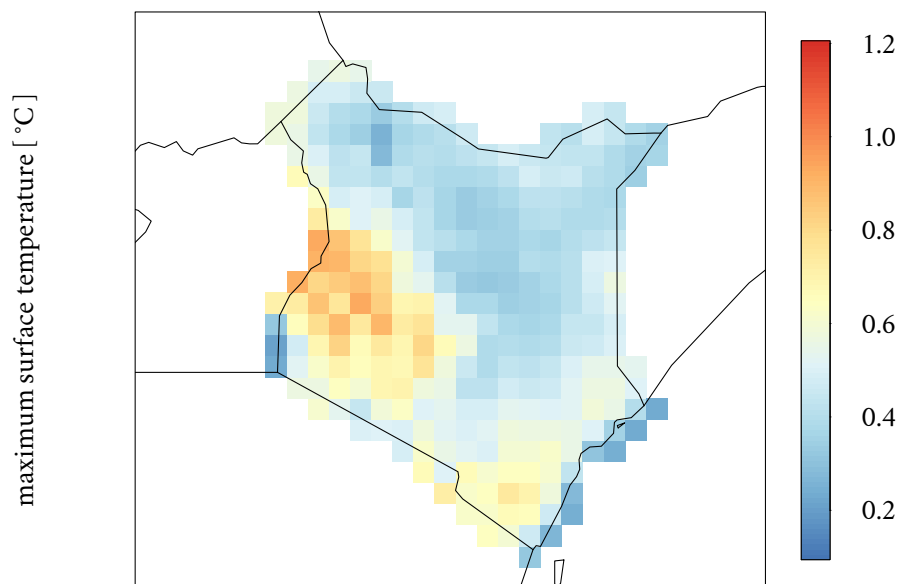
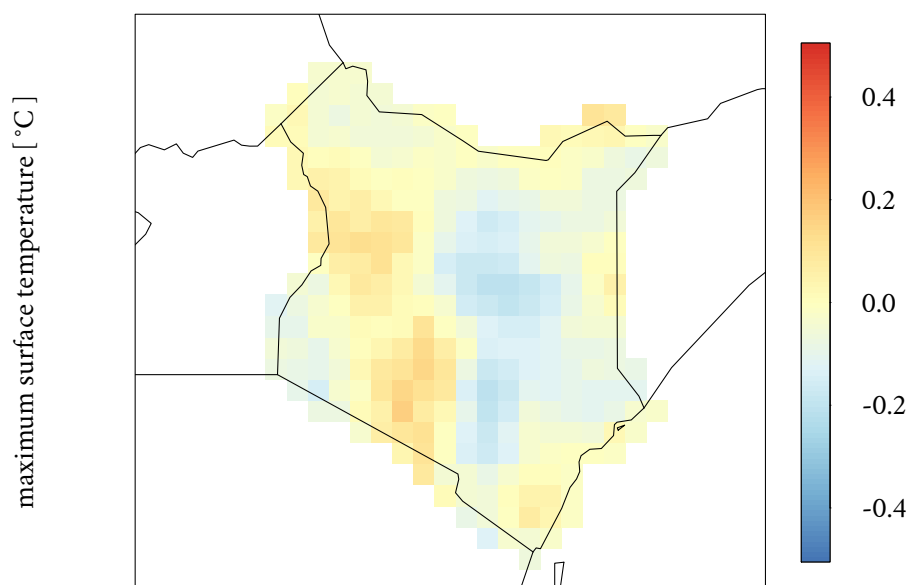


Figure 1555: Time slice difference in standard deviation (annual fluctuations), RCP 2.6, 2060 .. 2089 – 2020 .. 2049



E.4 Kenya / RCP 8.5

E.4.1 GCM CCCma-CanESM2 / RCM RCA4

Figure 1556: Mean across years, RCP 8.5, 2020 .. 2049

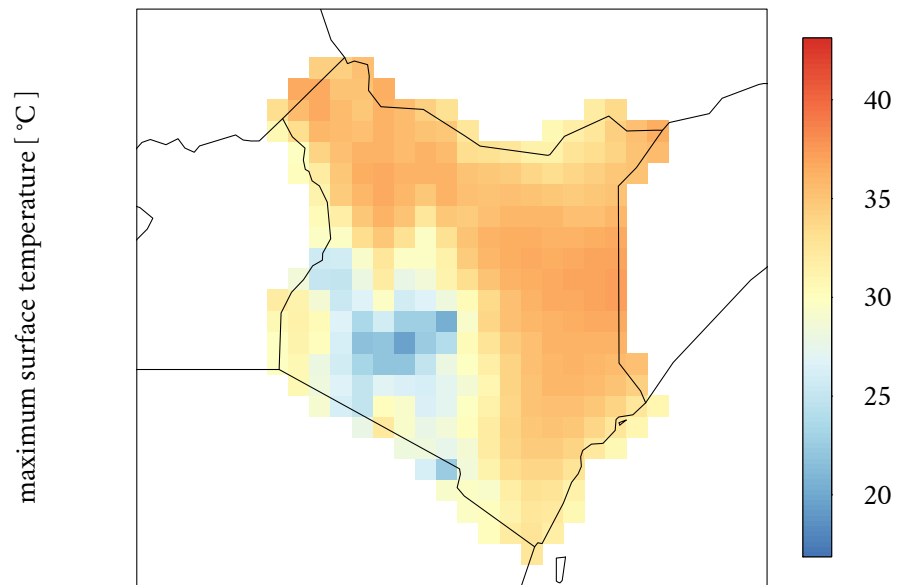


Figure 1557: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

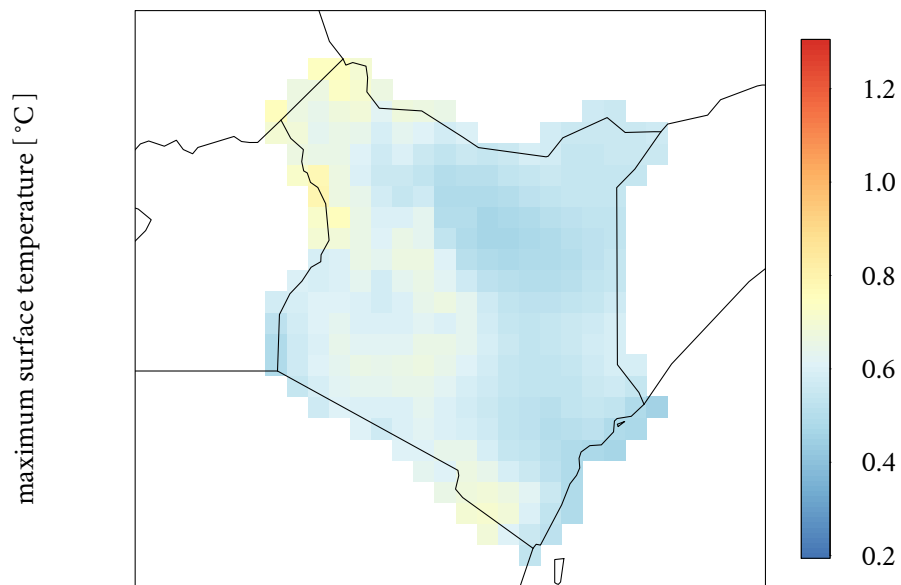


Figure 1558: Mean across years, RCP 8.5, 2060 .. 2089

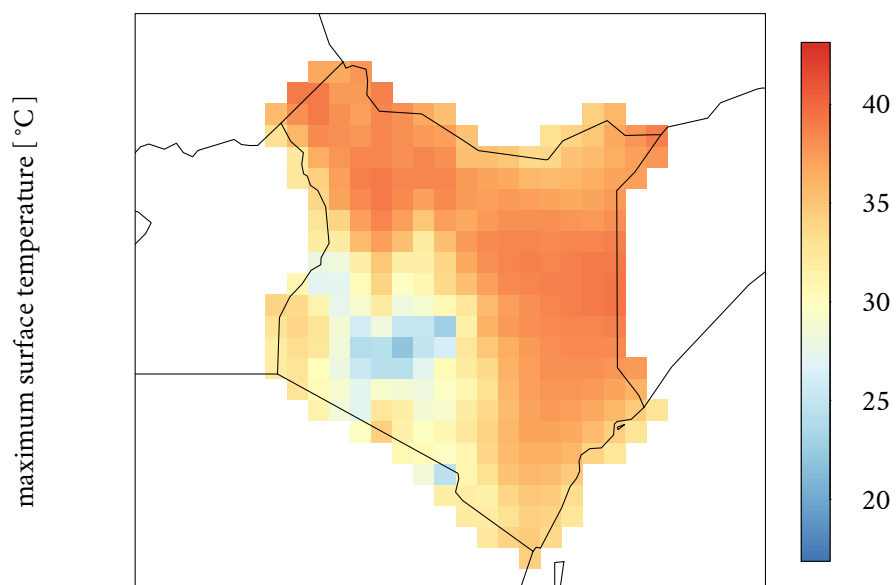


Figure 1559: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

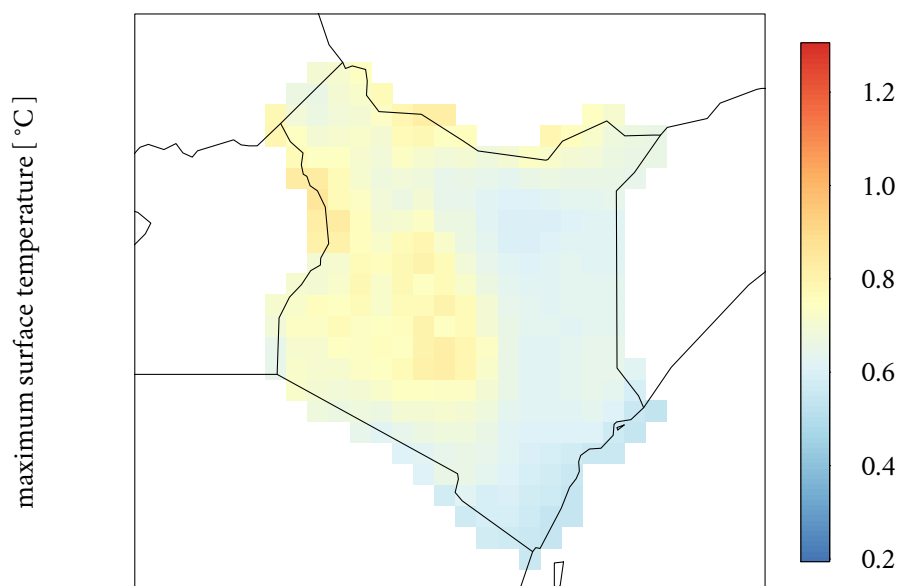
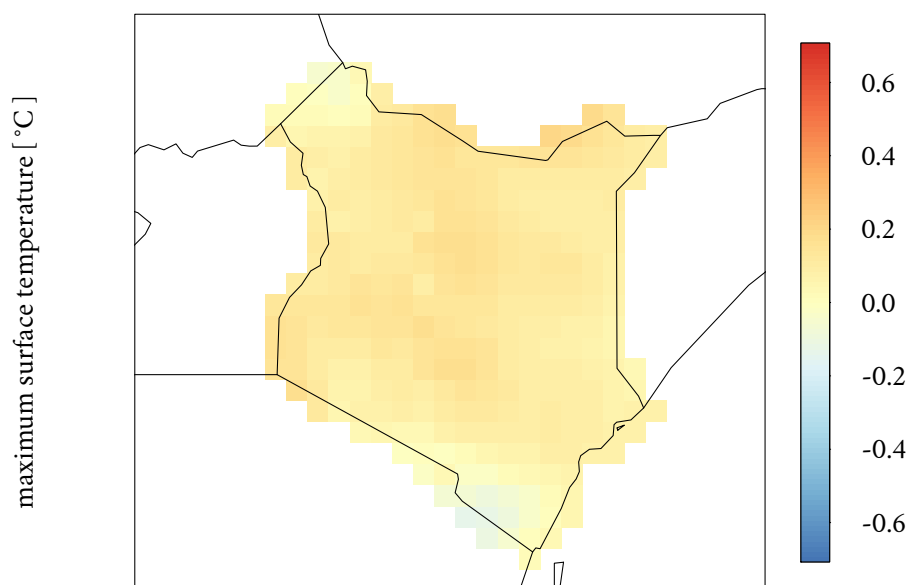


Figure 1560: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.2 GCM CNRM-CERFACS-CNRM-CM5 / RCM CCLM4-8-17

Figure 1561: Mean across years, RCP 8.5, 2020 .. 2049

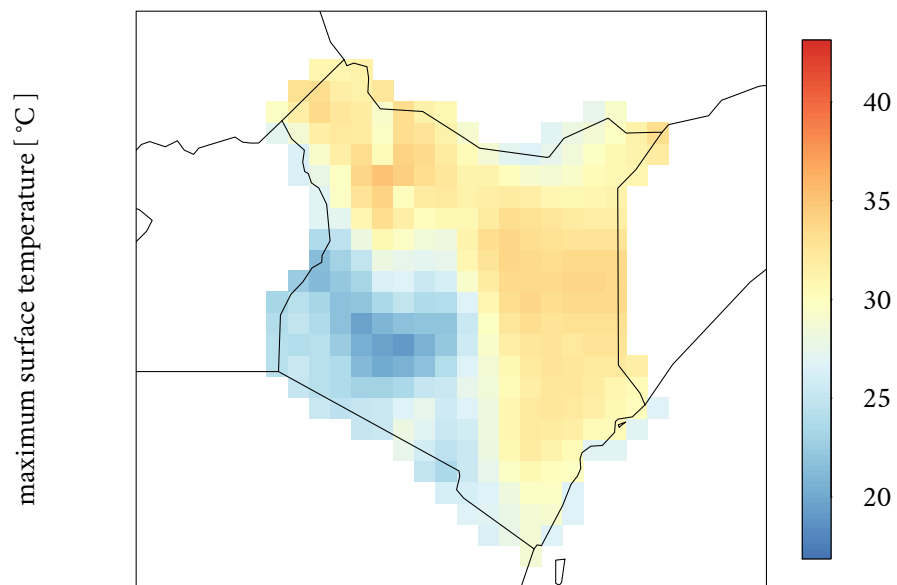


Figure 1562: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

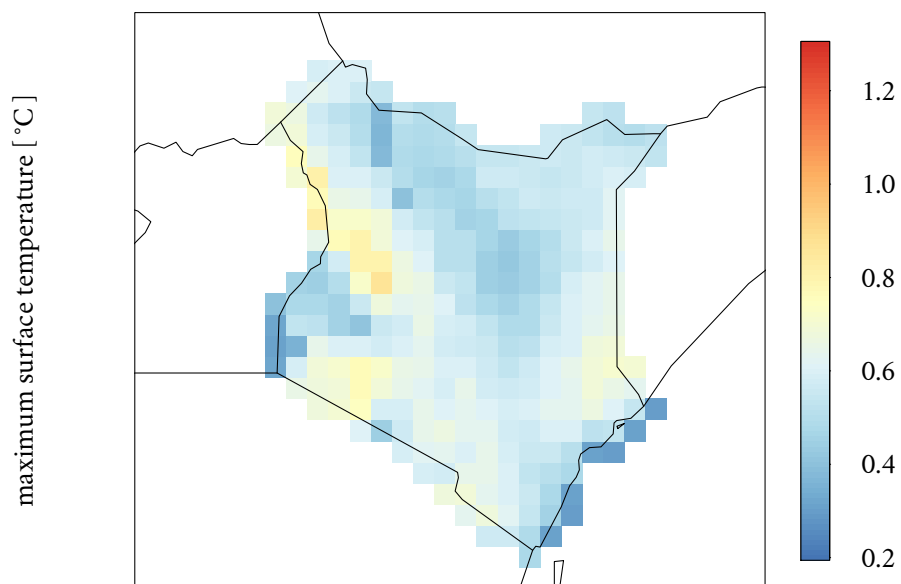


Figure 1563: Mean across years, RCP 8.5, 2060 .. 2089

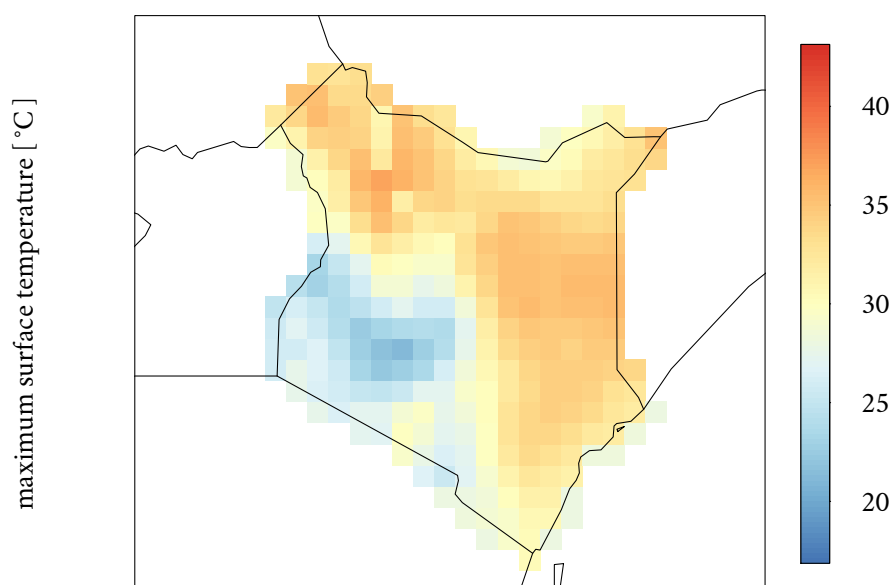


Figure 1564: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

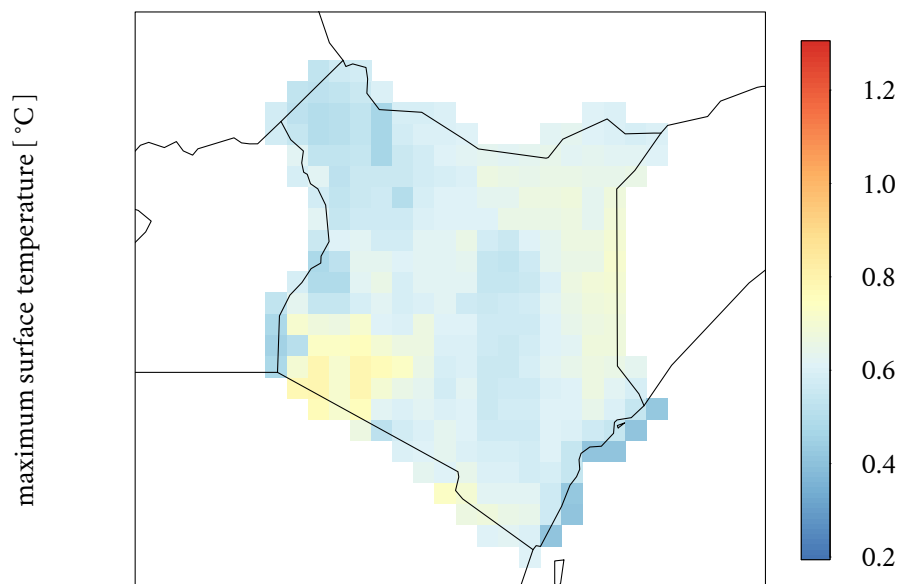
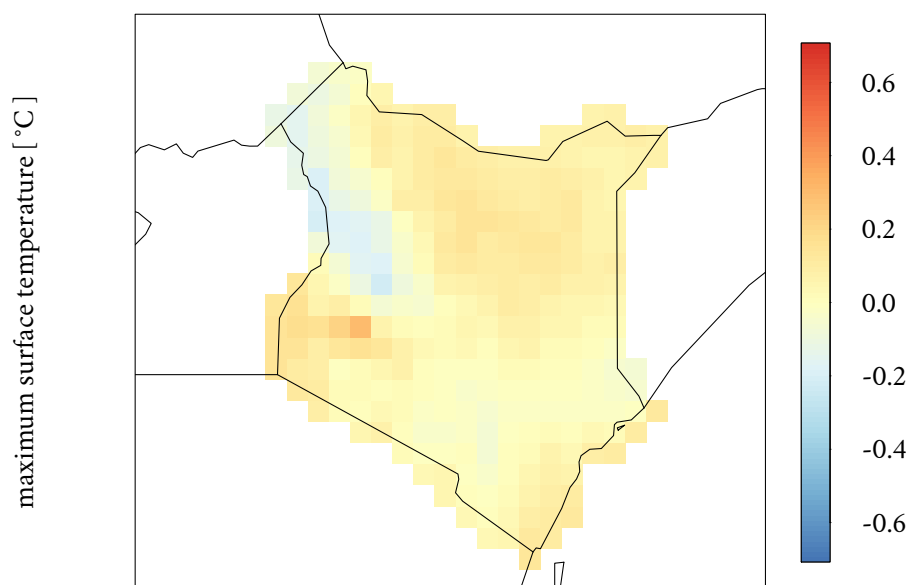


Figure 1565: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.3 GCM CNRM-CERFACS-CNRM-CM5 / RCM RCA4

Figure 1566: Mean across years, RCP 8.5, 2020 .. 2049

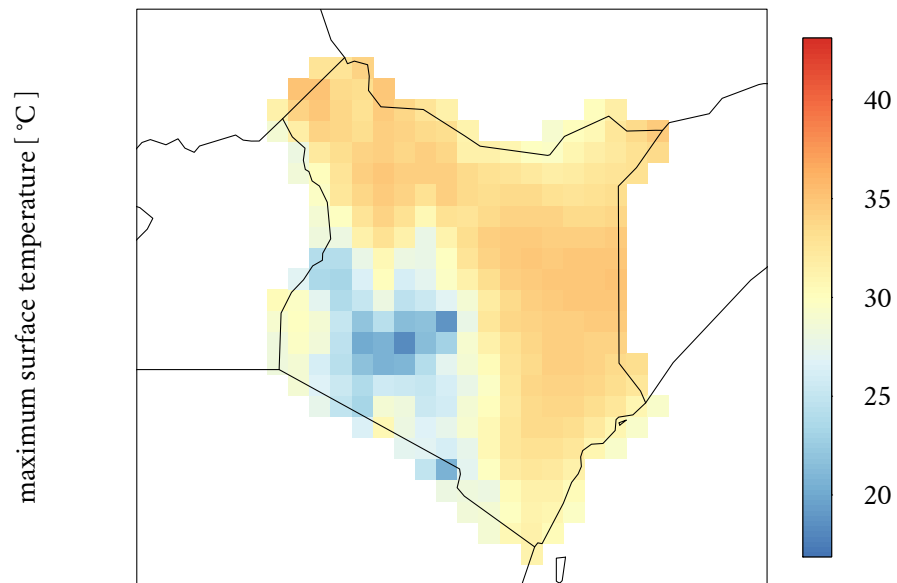


Figure 1567: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

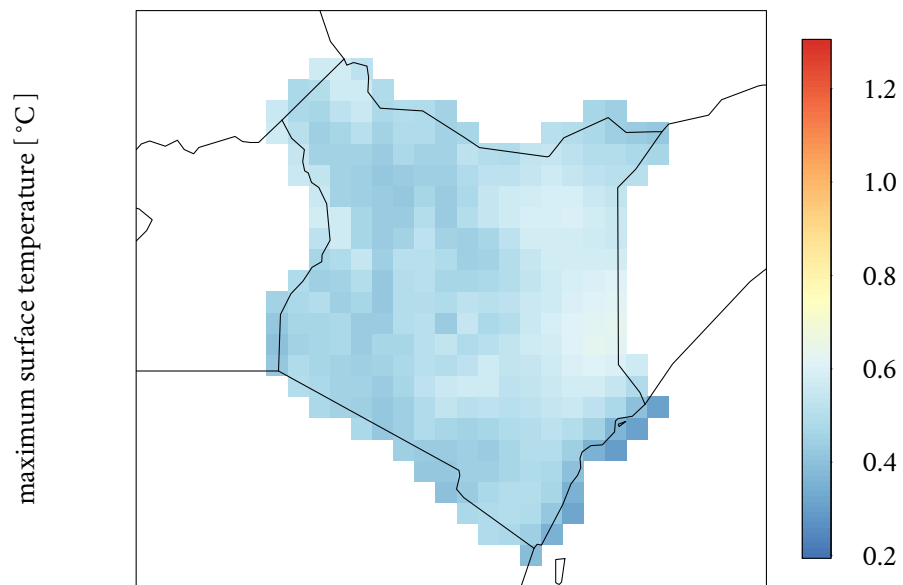


Figure 1568: Mean across years, RCP 8.5, 2060 .. 2089

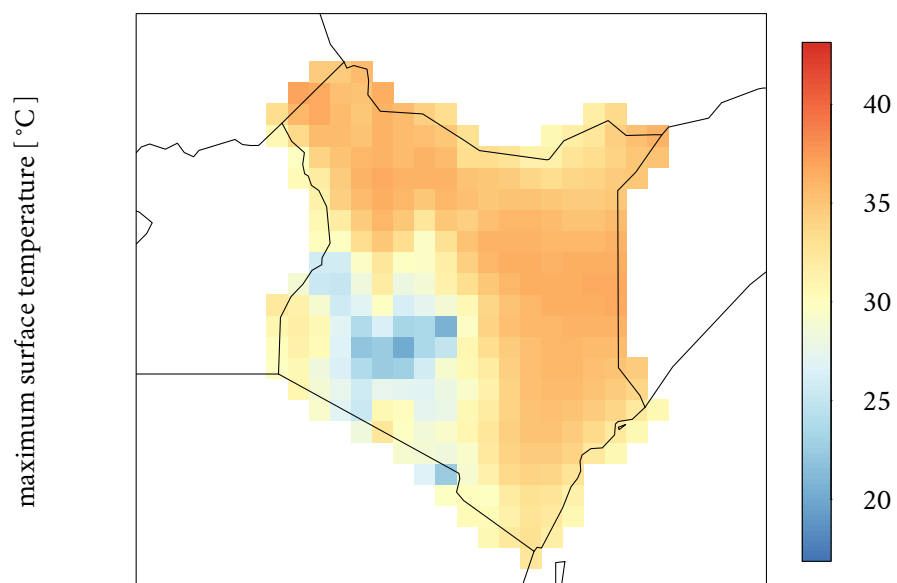


Figure 1569: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

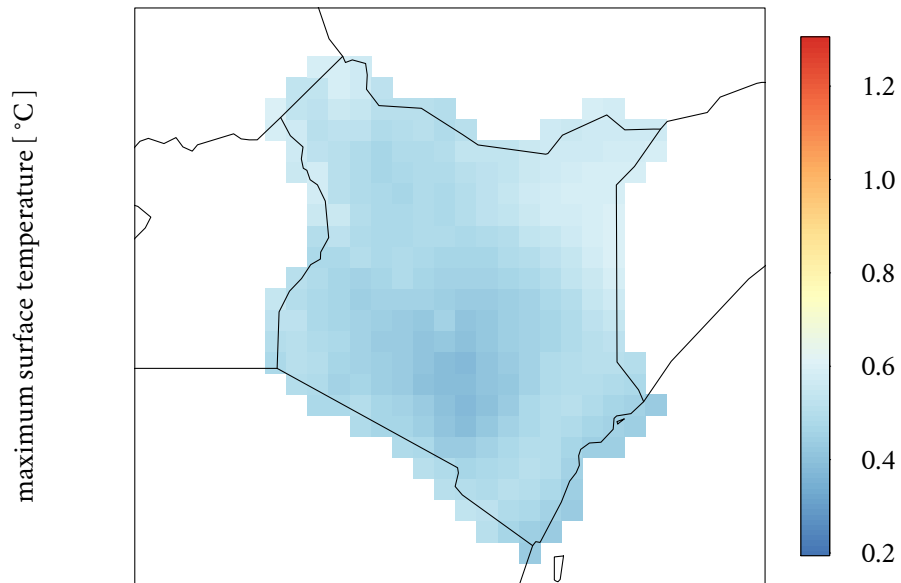
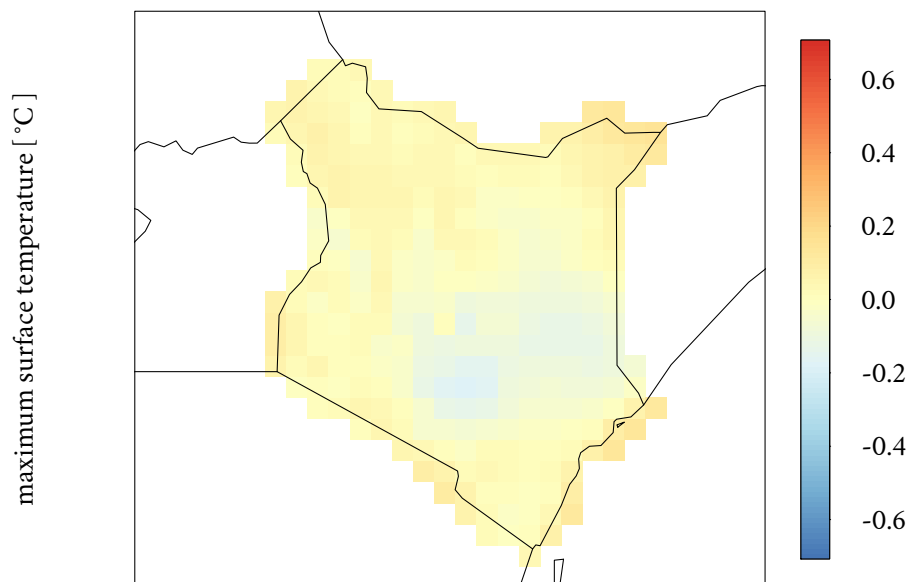


Figure 1570: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.4 GCM CSIRO-QCCCE-CSIRO-Mk3-6-0 / RCM RCA4

Figure 1571: Mean across years, RCP 8.5, 2020 .. 2049

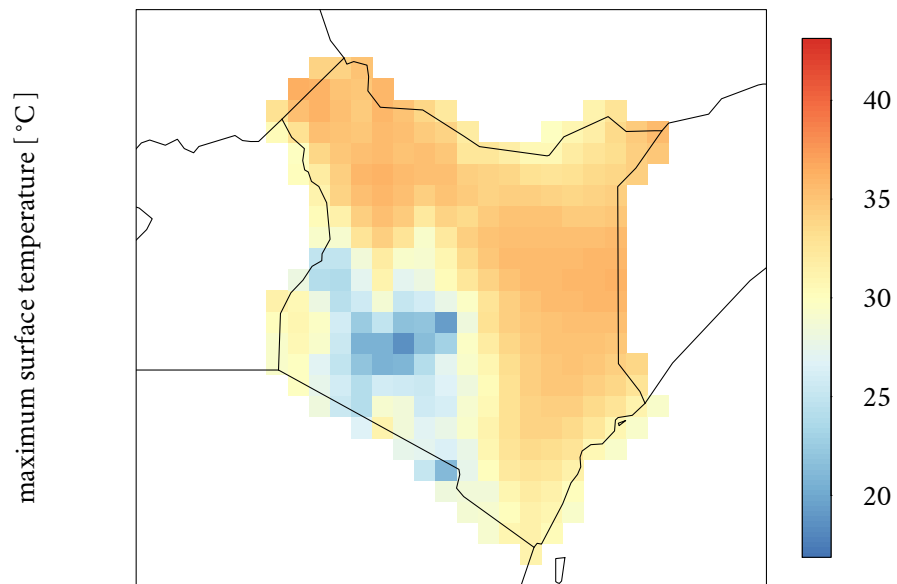


Figure 1572: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

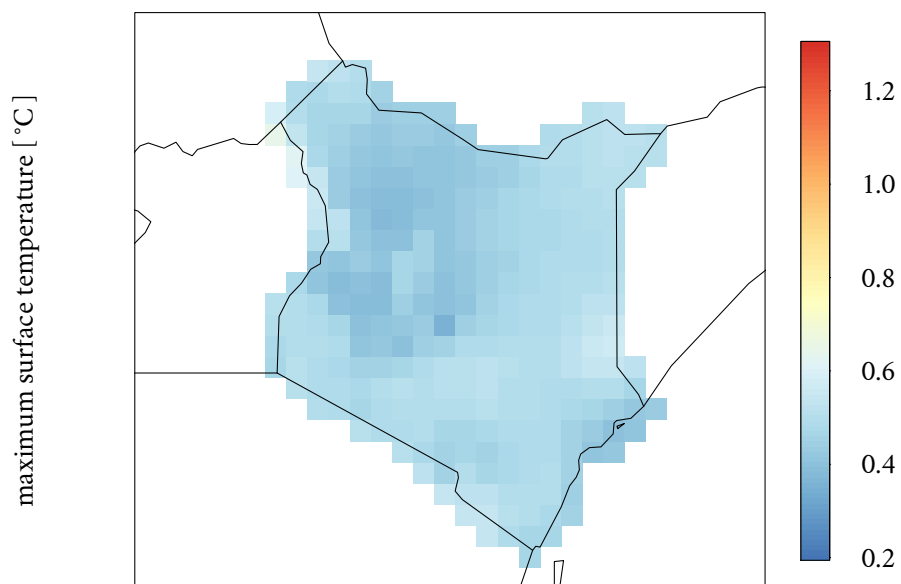


Figure 1573: Mean across years, RCP 8.5, 2060 .. 2089

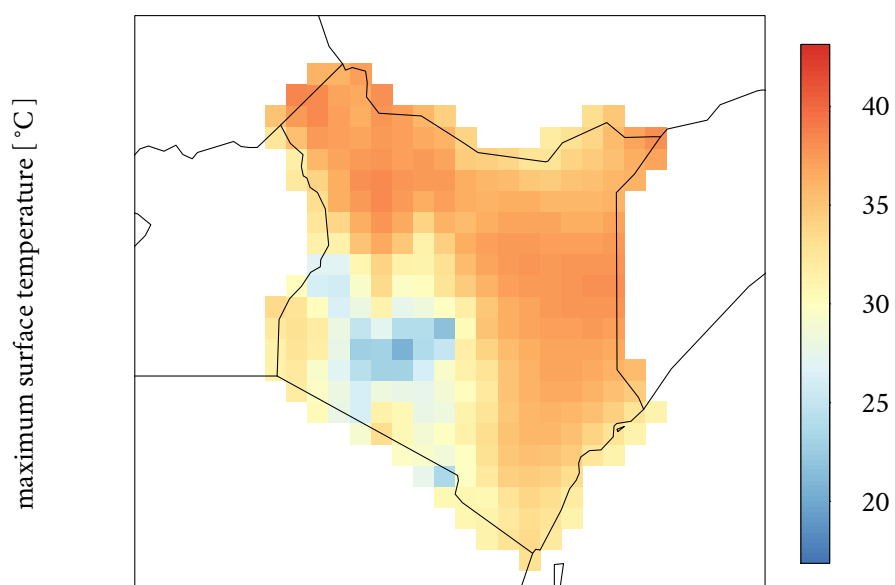


Figure 1574: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

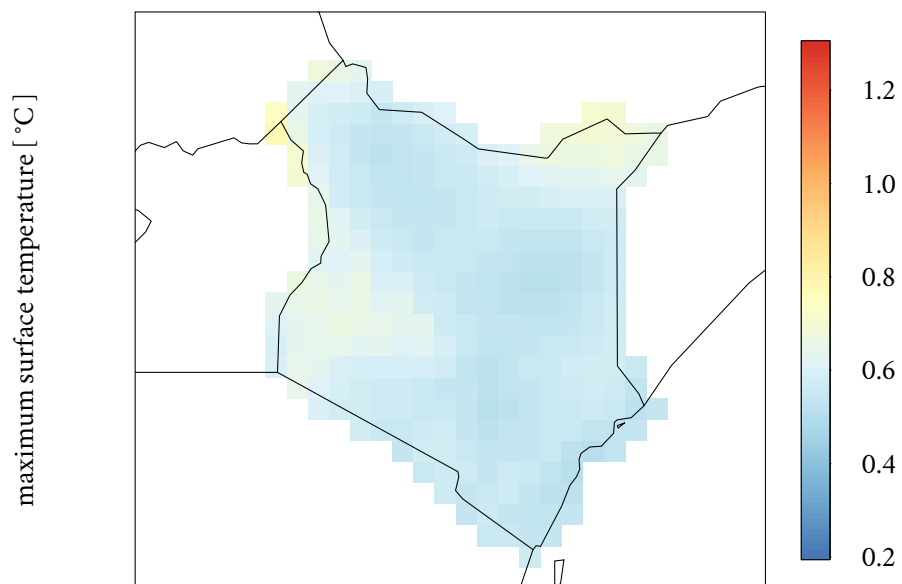
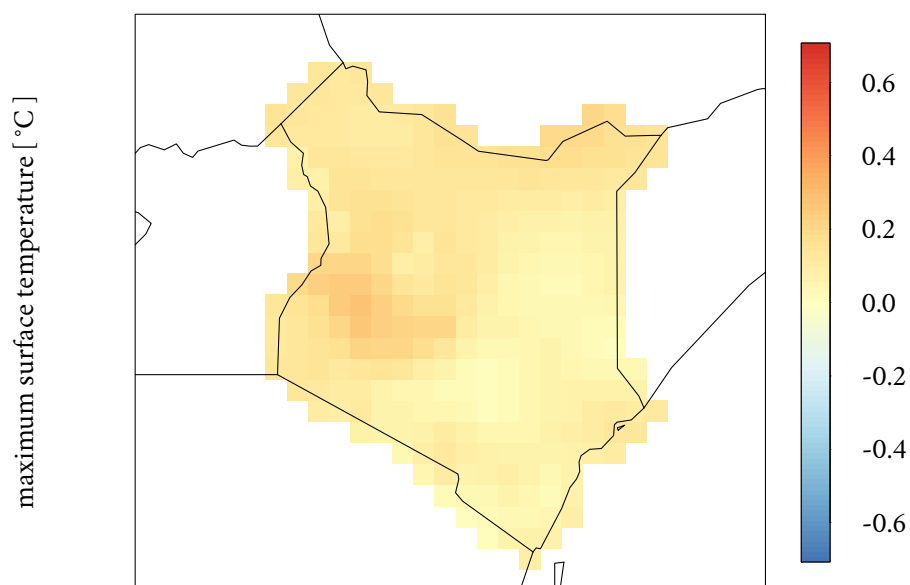


Figure 1575: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.5 GCM ICHEC-EC-EARTH / RCM RACMO22T

Figure 1576: Mean across years, RCP 8.5, 2020 .. 2049

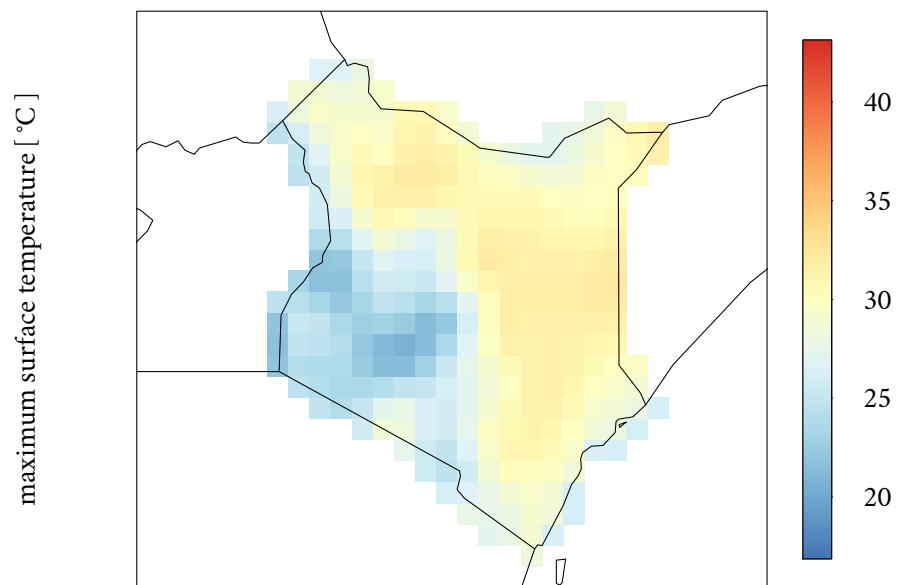


Figure 1577: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

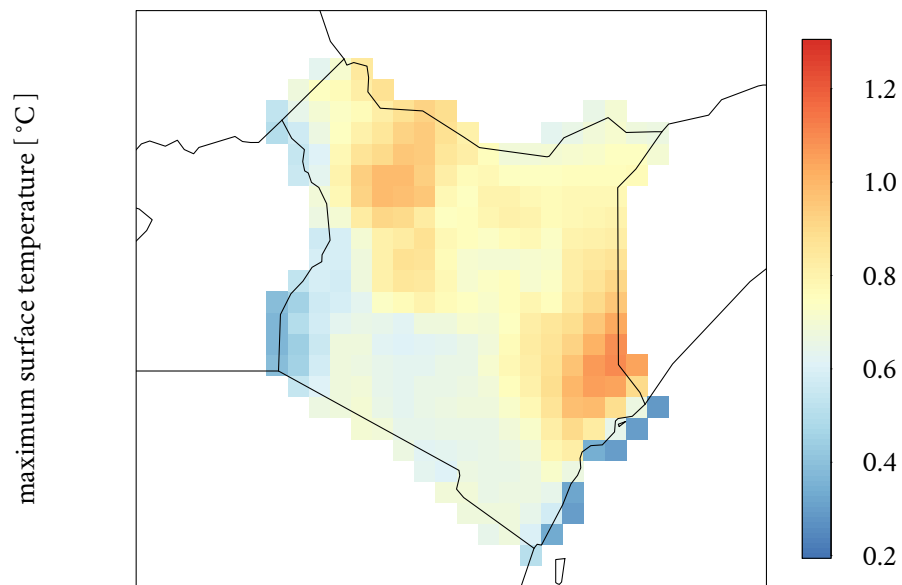


Figure 1578: Mean across years, RCP 8.5, 2060 .. 2089

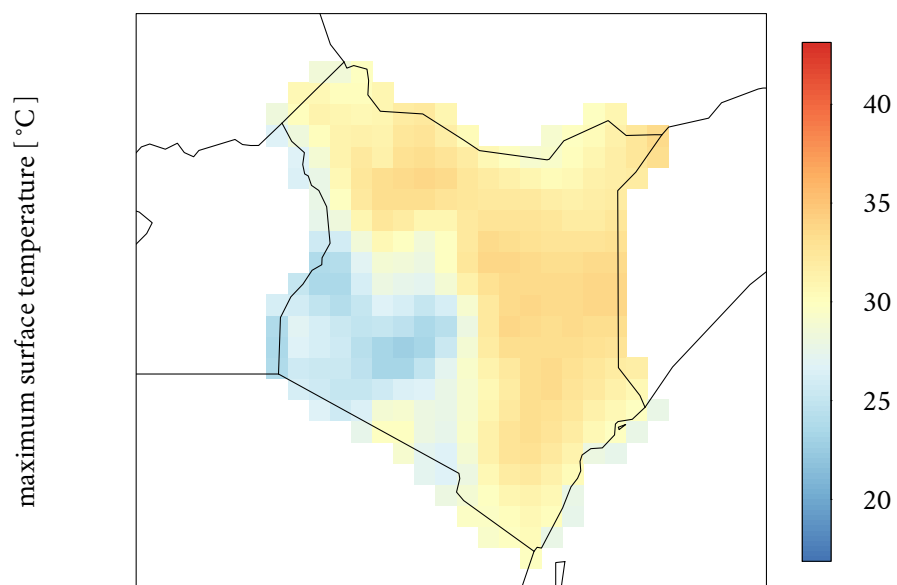


Figure 1579: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

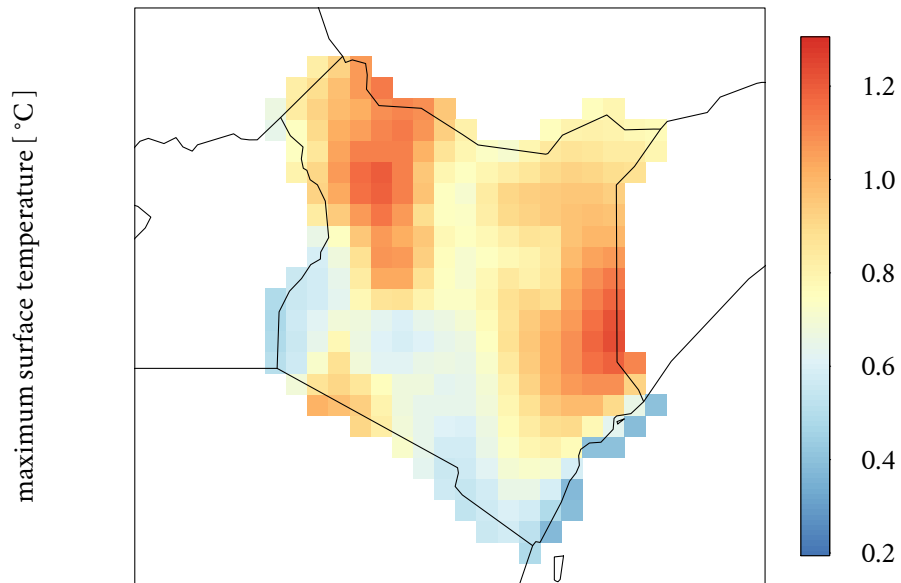
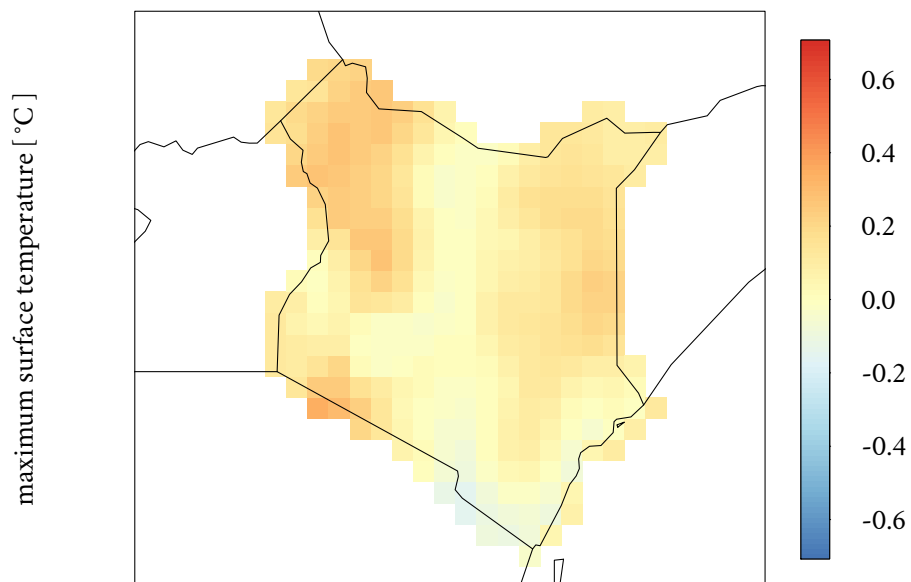


Figure 1580: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.6 GCM ICHEC-EC-EARTH / RCM RCA4

Figure 1581: Mean across years, RCP 8.5, 2020 .. 2049

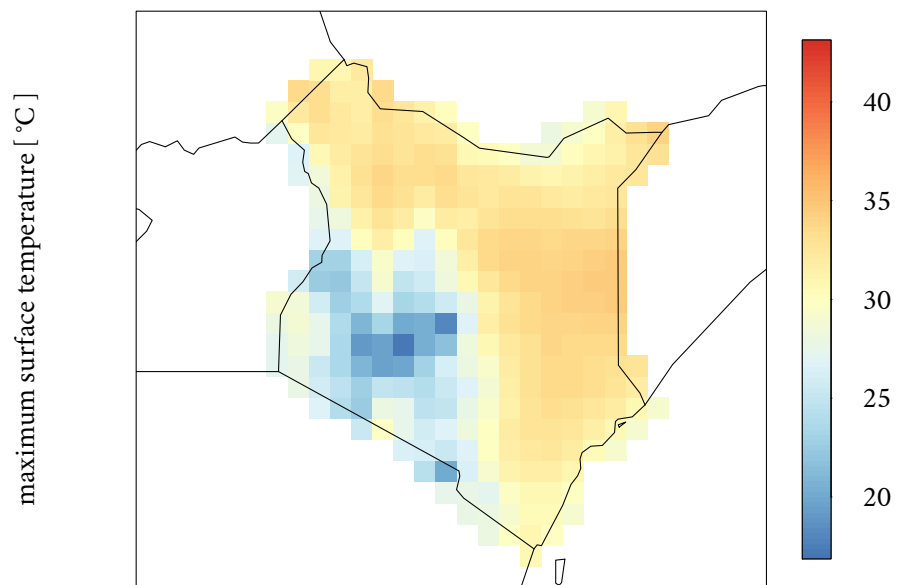


Figure 1582: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

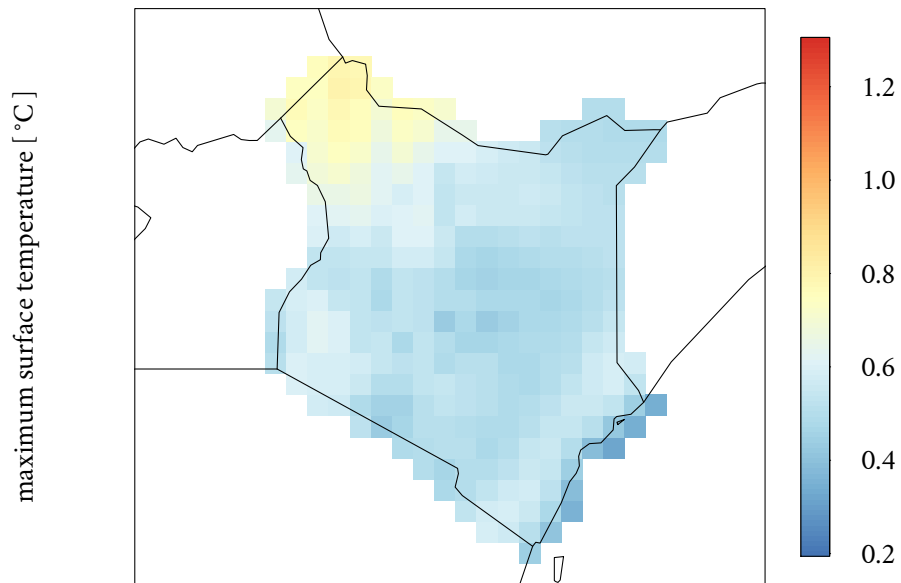


Figure 1583: Mean across years, RCP 8.5, 2060 .. 2089

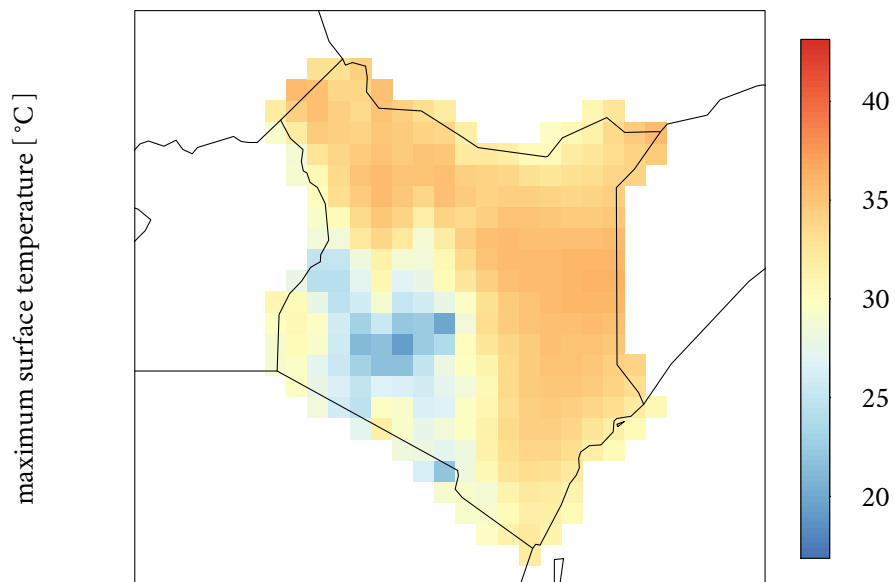


Figure 1584: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

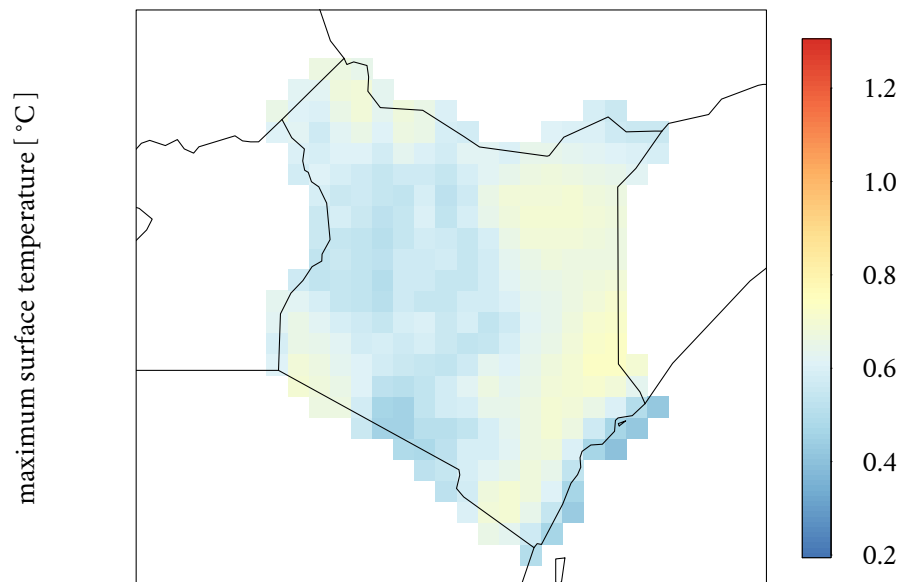
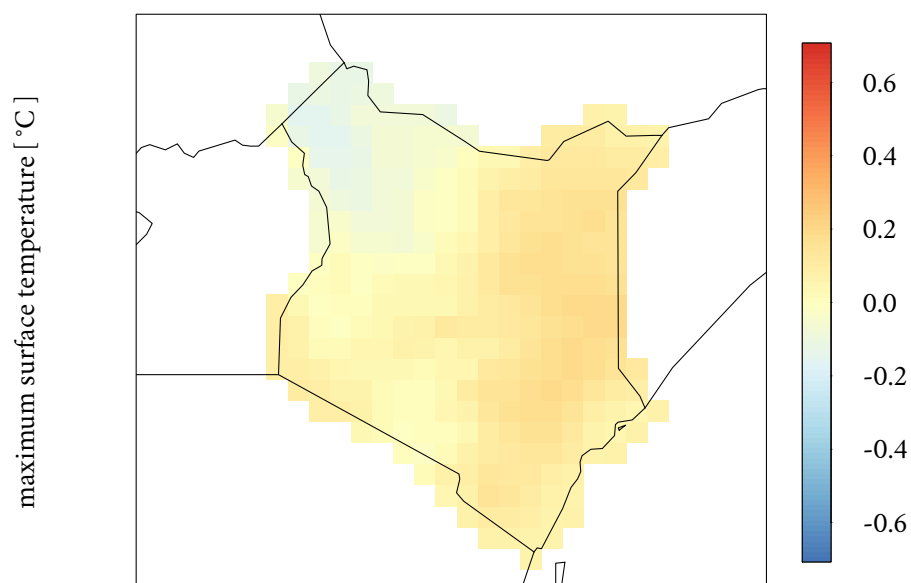


Figure 1585: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.7 GCM IPSL-IPSL-CM5A-LR / RCM REMO2009

Figure 1586: Mean across years, RCP 8.5, 2020 .. 2049

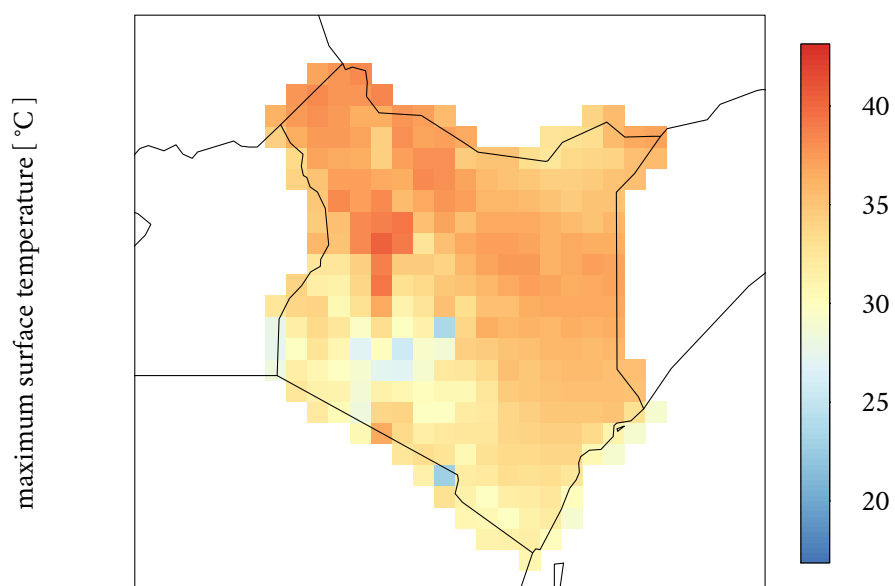


Figure 1587: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

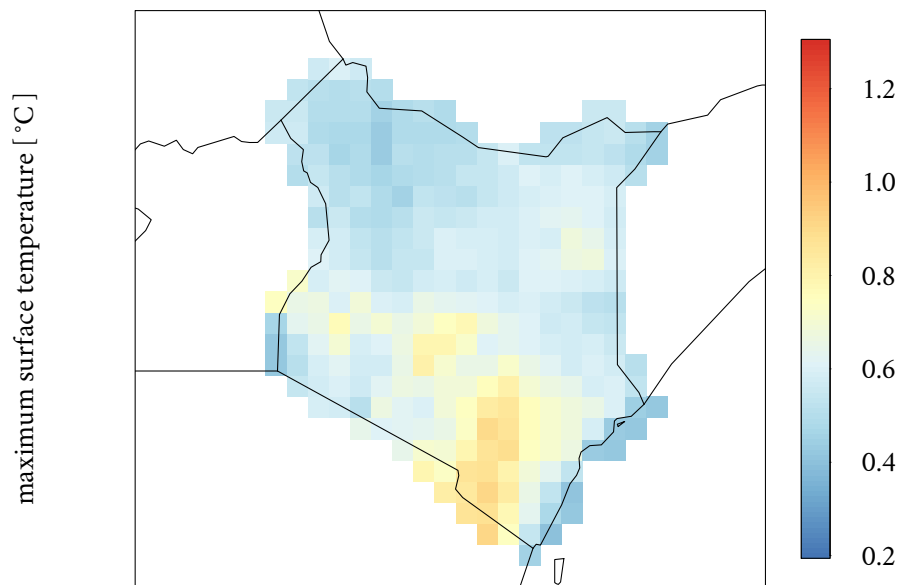


Figure 1588: Mean across years, RCP 8.5, 2060 .. 2089

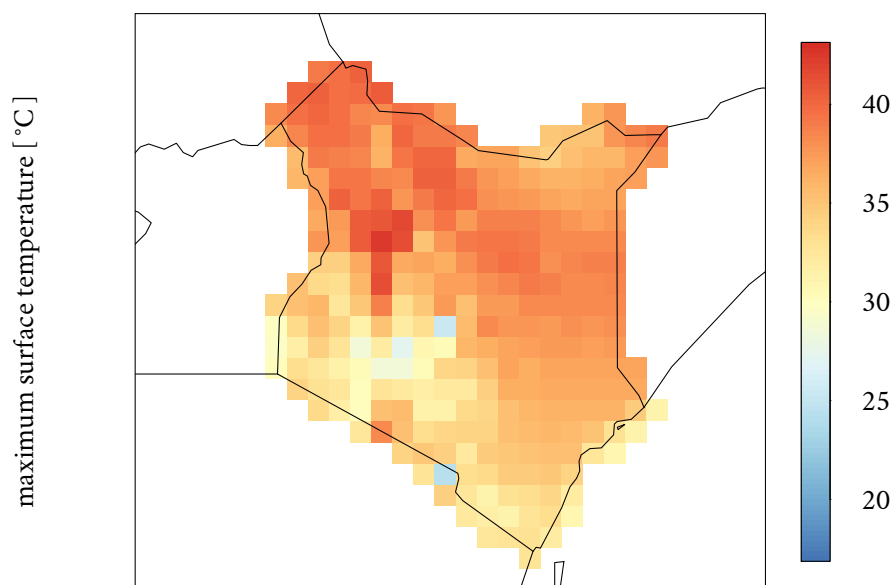


Figure 1589: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

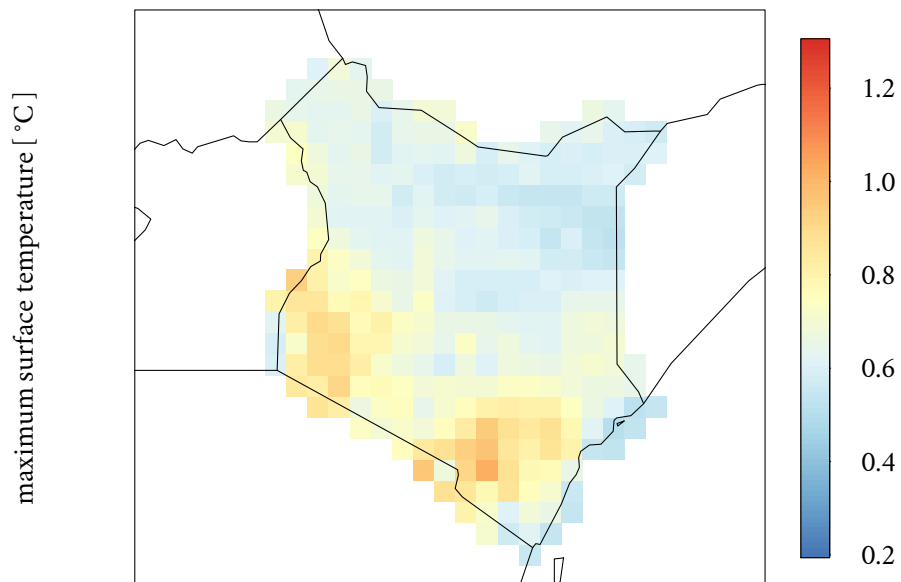
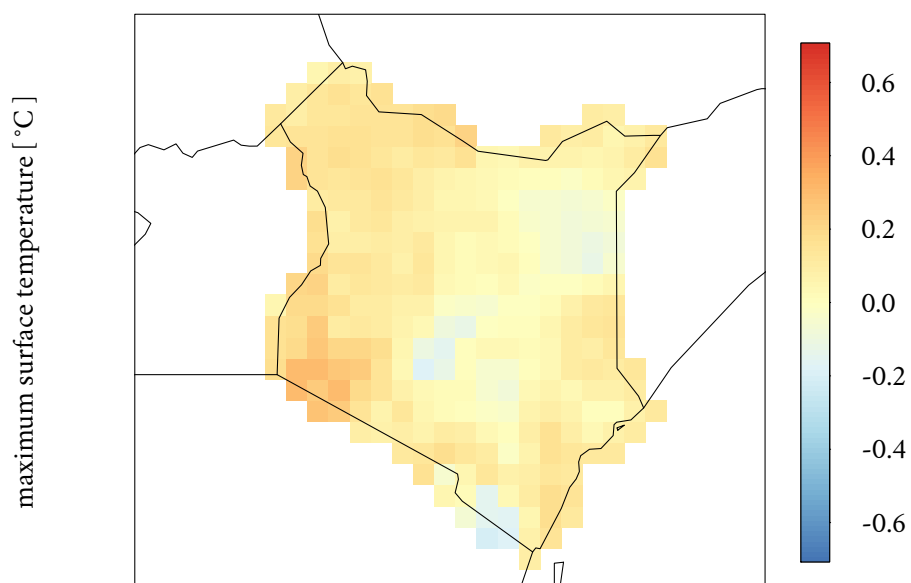


Figure 1590: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.8 GCM IPSL-IPSL-CM5A-MR / RCM RCA4

Figure 1591: Mean across years, RCP 8.5, 2020 .. 2049

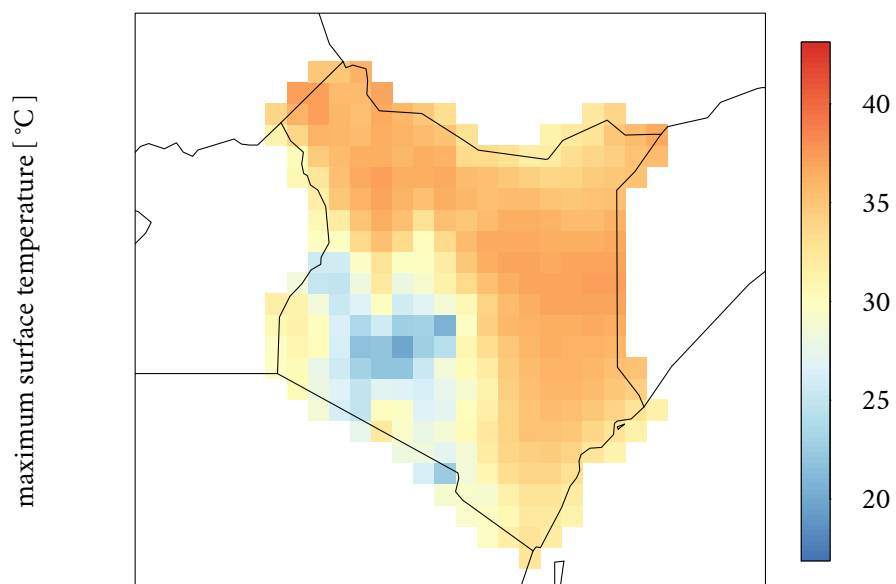


Figure 1592: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

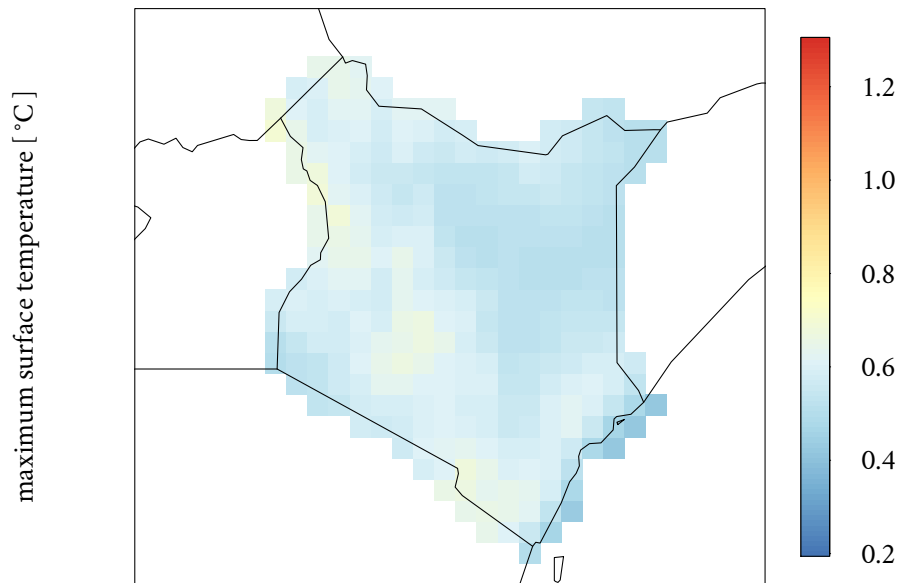


Figure 1593: Mean across years, RCP 8.5, 2060 .. 2089

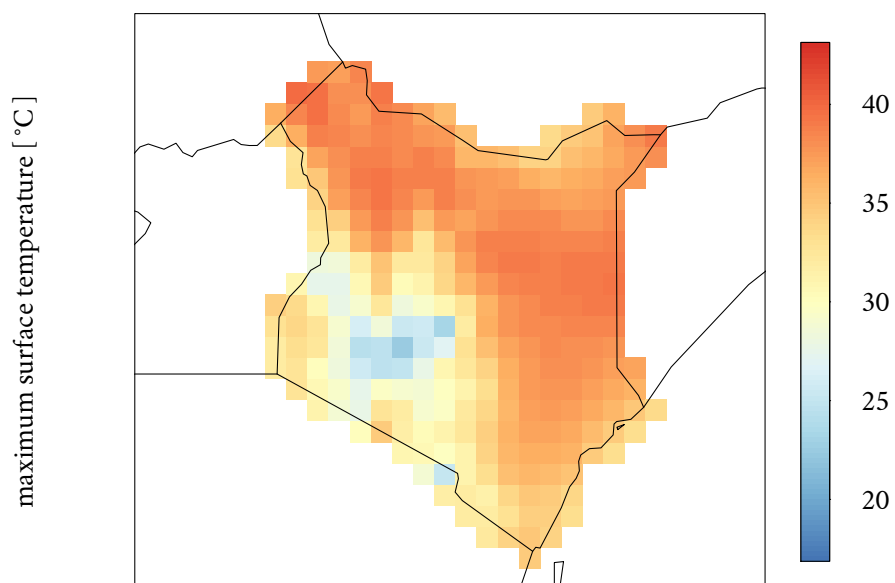


Figure 1594: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

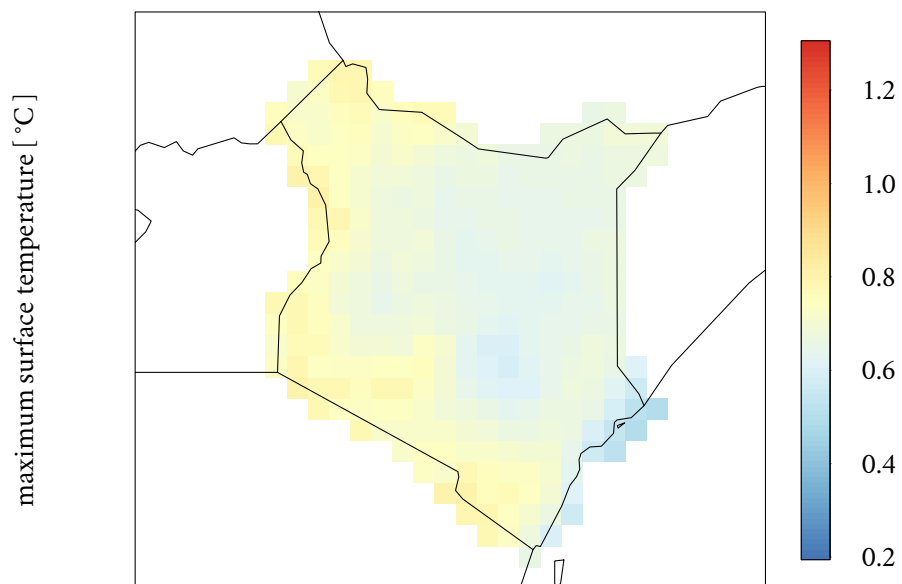
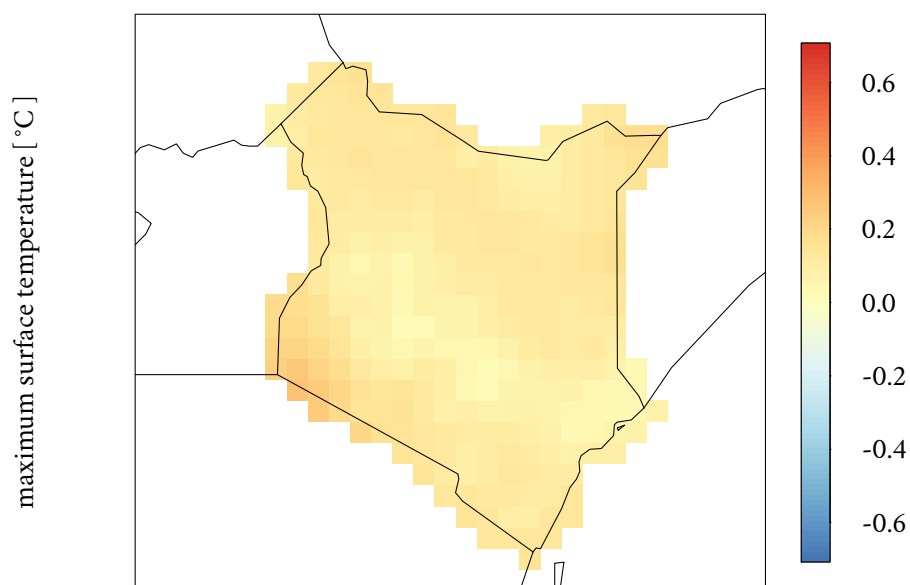


Figure 1595: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.9 GCM MIROC-MIROC5 / RCM RCA4

Figure 1596: Mean across years, RCP 8.5, 2020 .. 2049

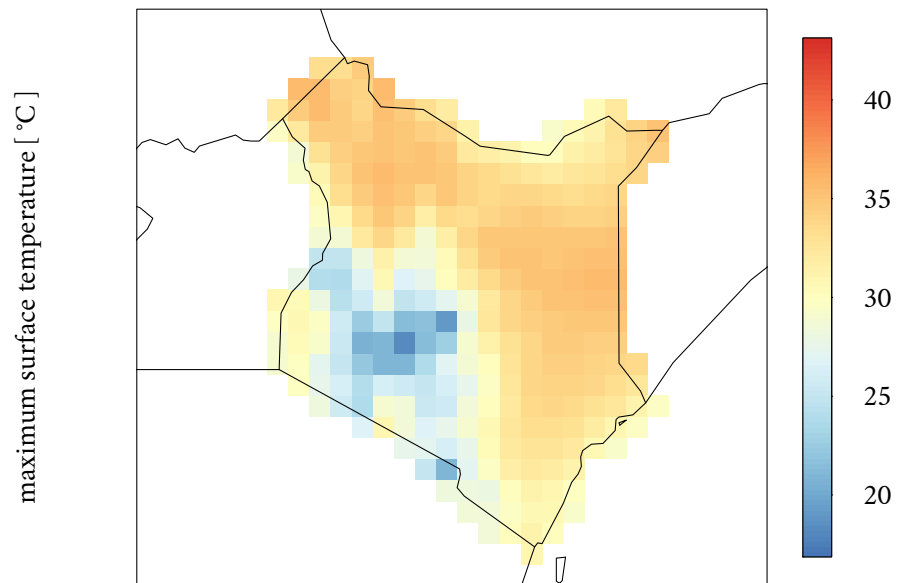


Figure 1597: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

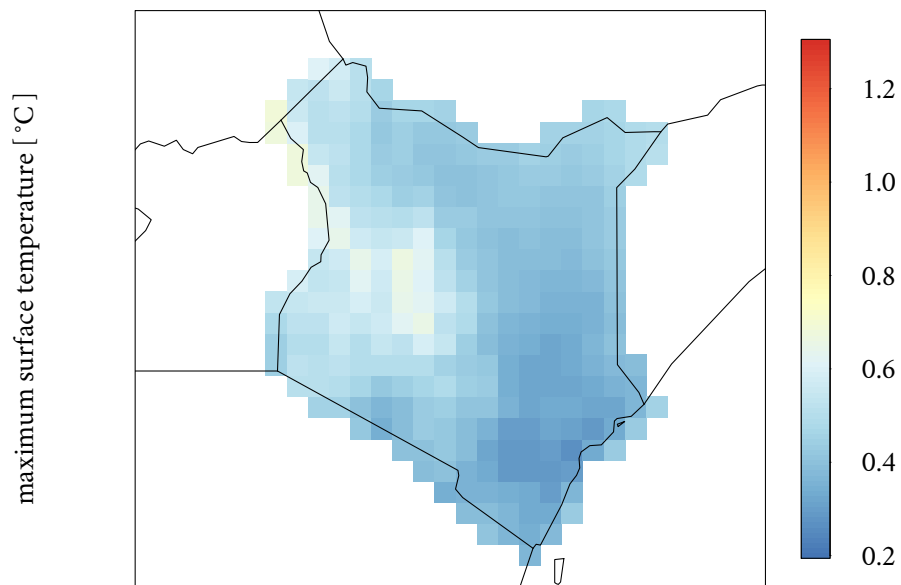


Figure 1598: Mean across years, RCP 8.5, 2060 .. 2089

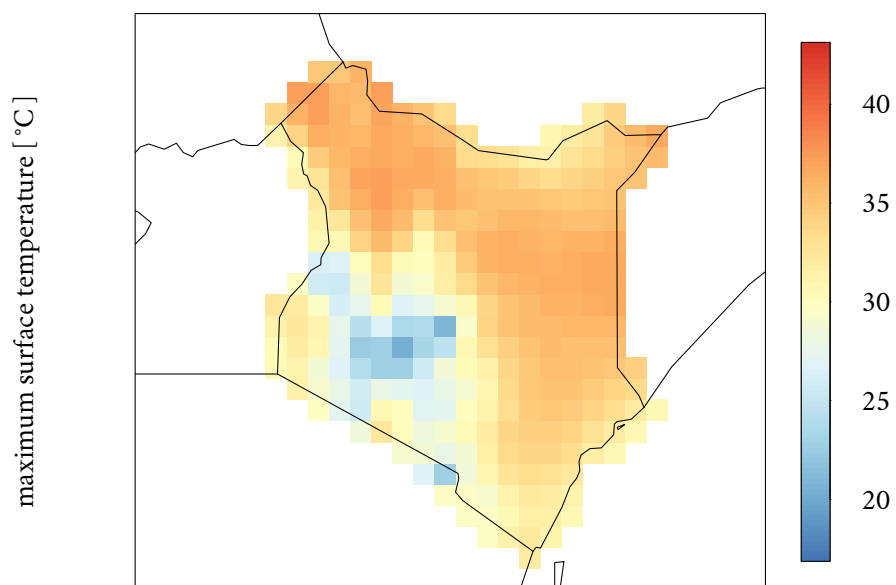


Figure 1599: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

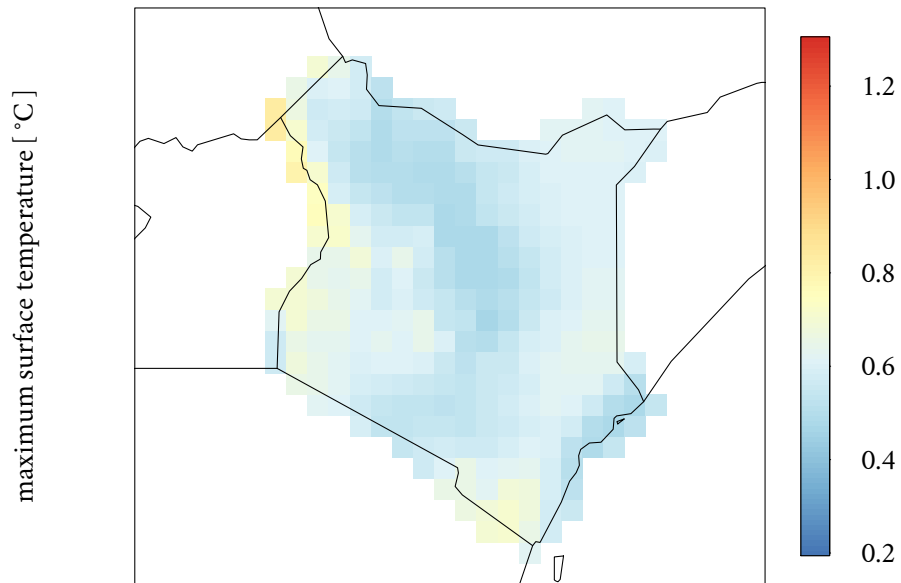
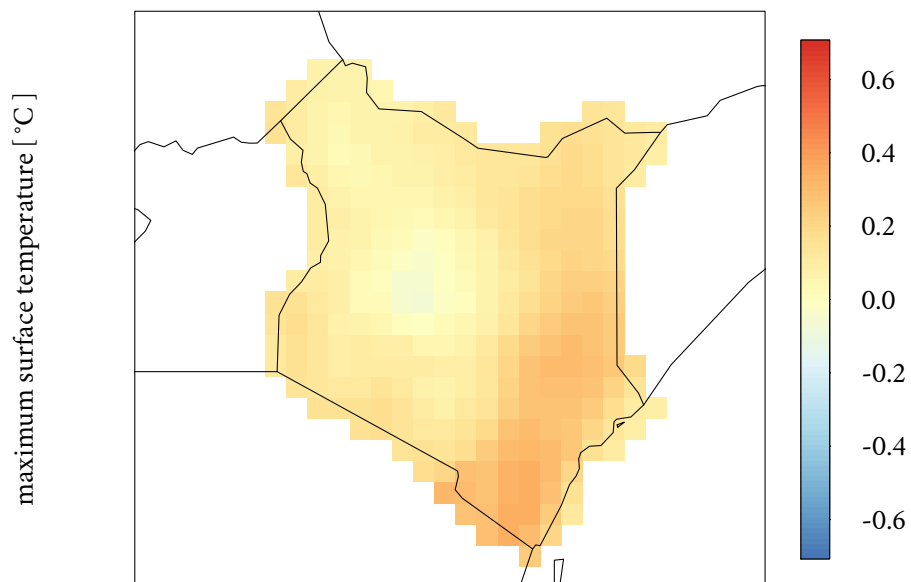


Figure 1600: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.10 GCM MIROC-MIROC5 / RCM REMO2009

Figure 1601: Mean across years, RCP 8.5, 2020 .. 2049

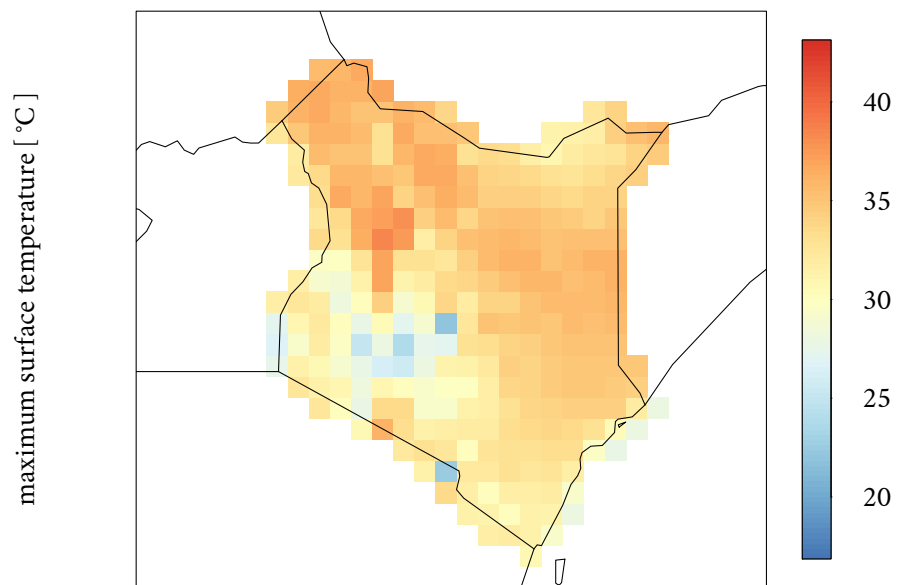


Figure 1602: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

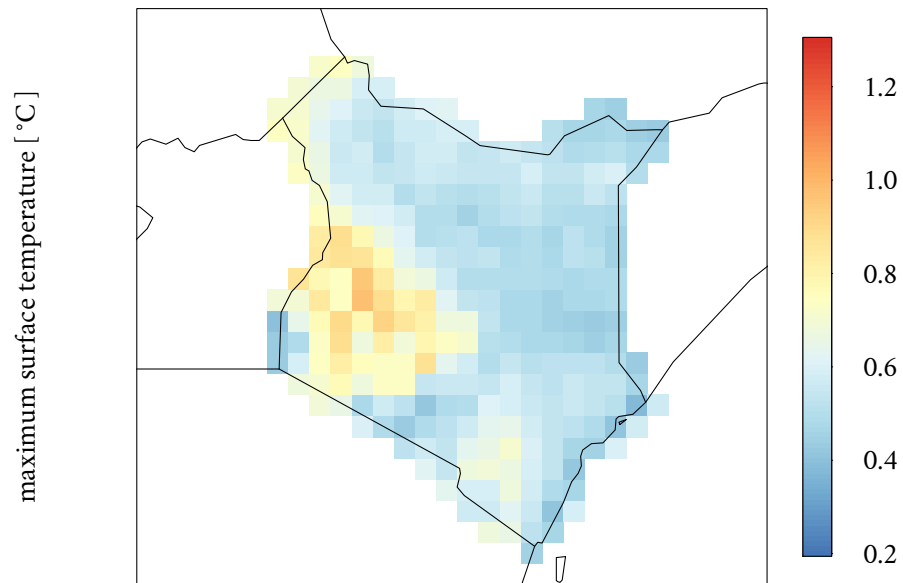


Figure 1603: Mean across years, RCP 8.5, 2060 .. 2089

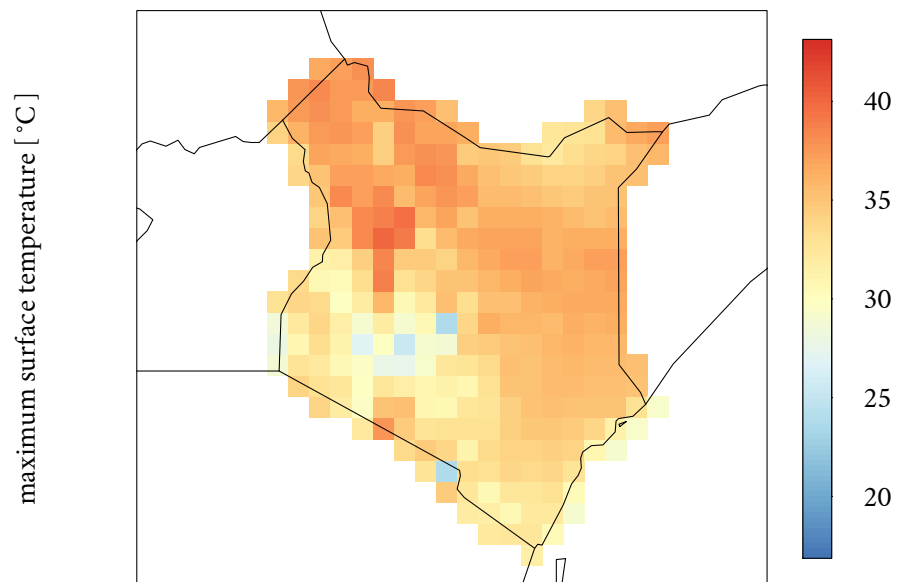


Figure 1604: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

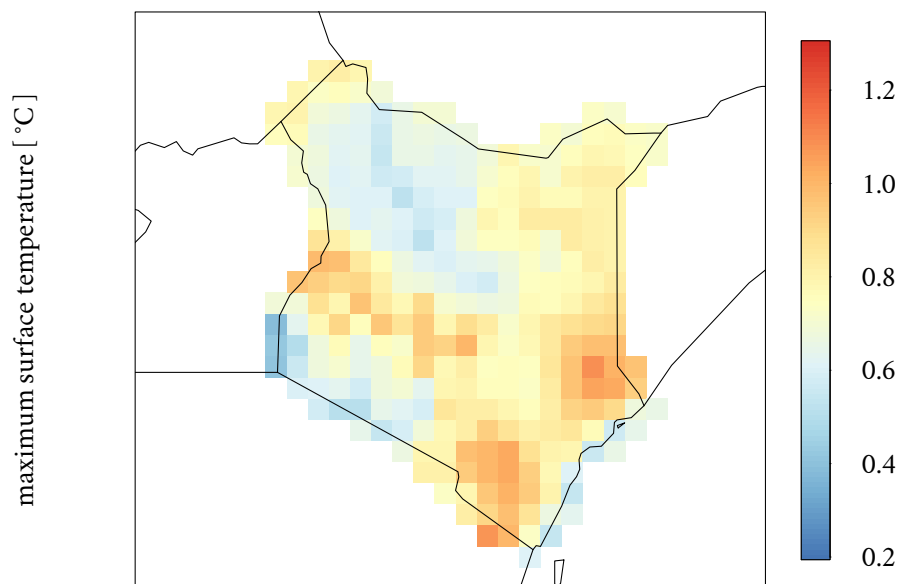
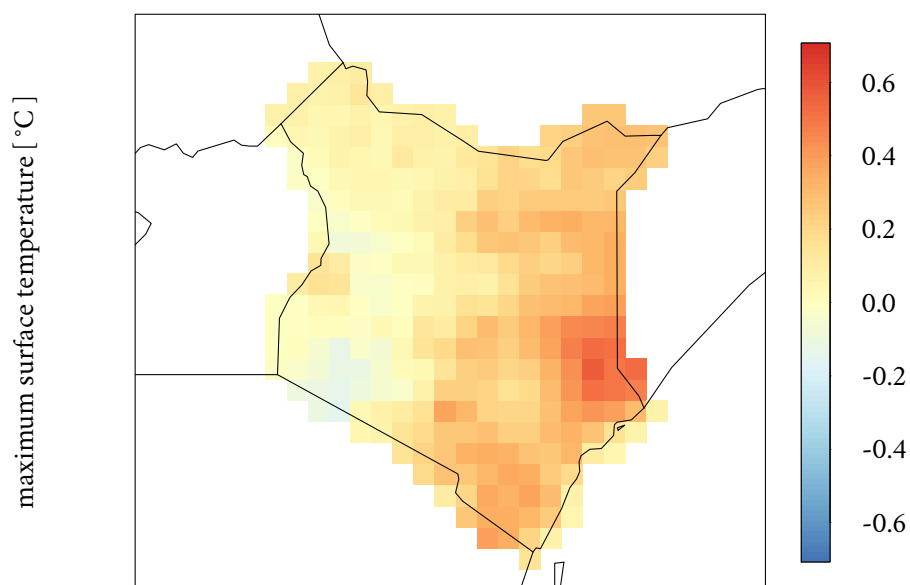


Figure 1605: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.11 GCM MOHC-HadGEM2-ES / RCM CCLM4-8-17

Figure 1606: Mean across years, RCP 8.5, 2020 .. 2049

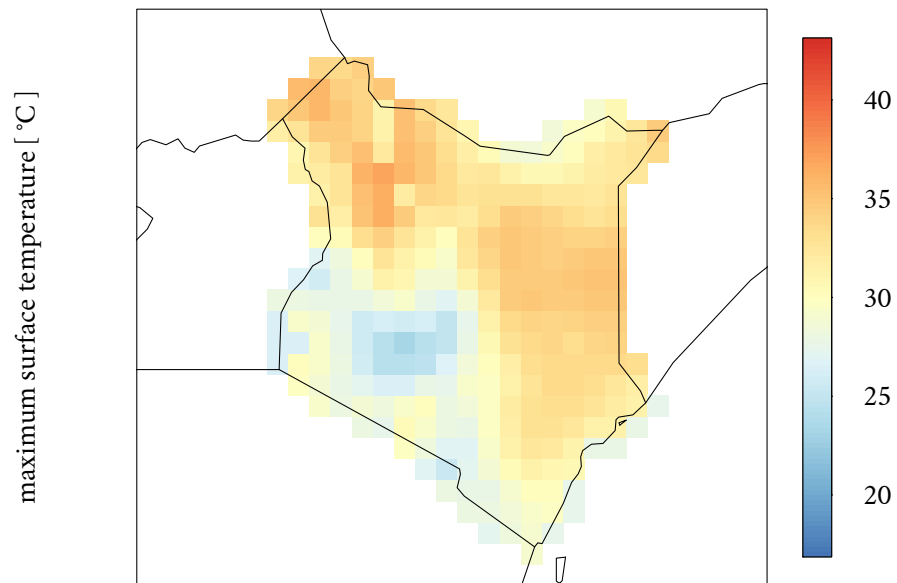


Figure 1607: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

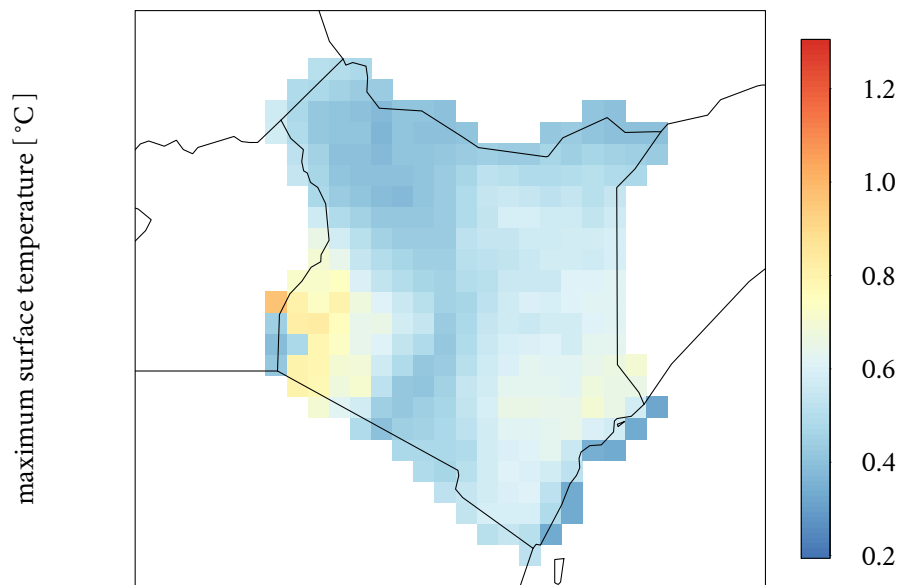


Figure 1608: Mean across years, RCP 8.5, 2060 .. 2089

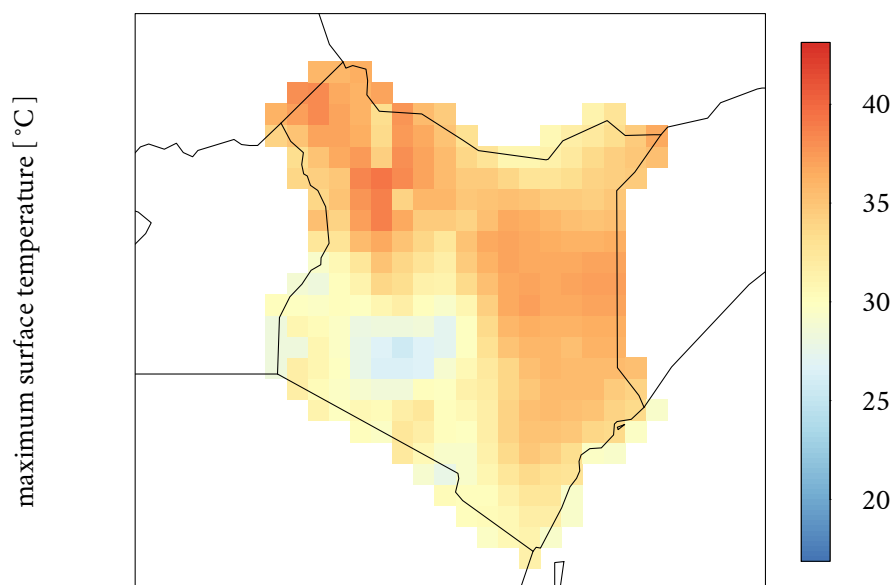


Figure 1609: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

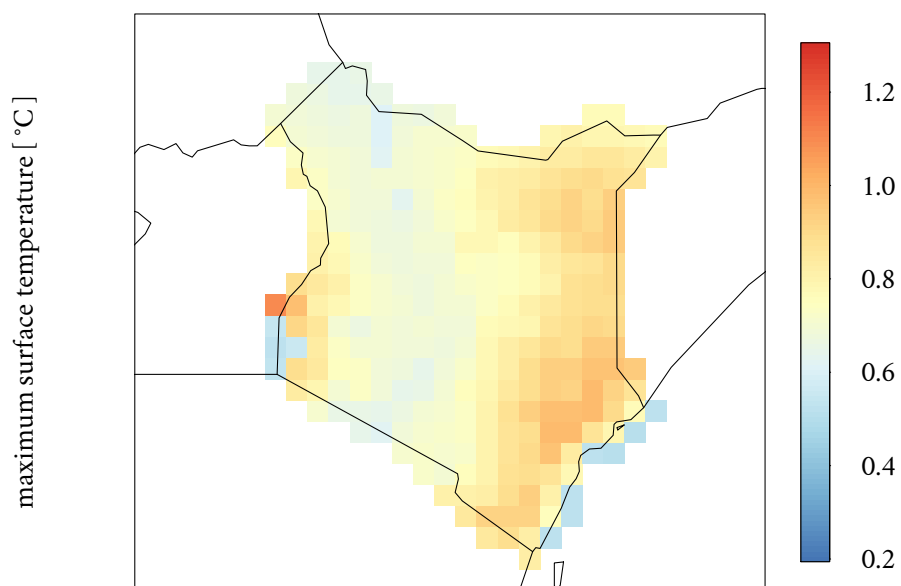
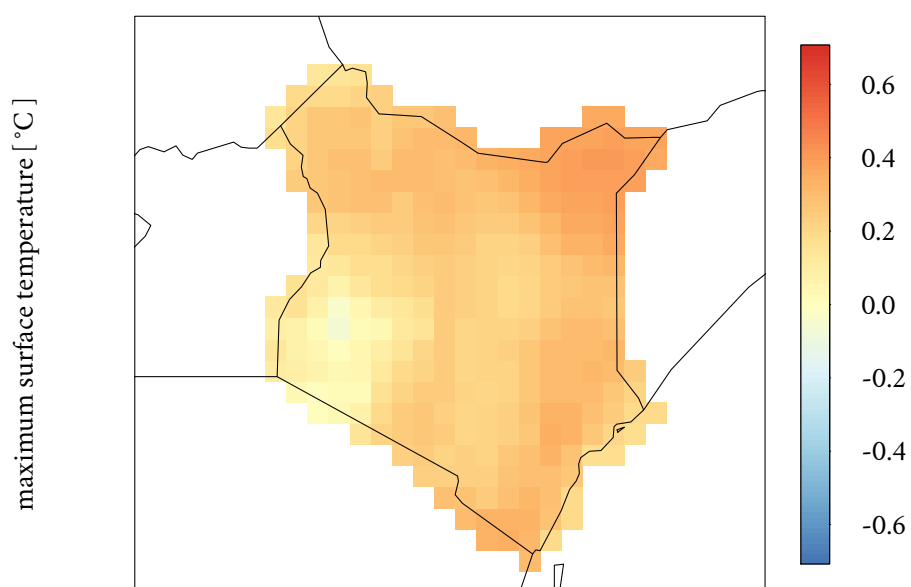


Figure 1610: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.12 GCM MOHC-HadGEM2-ES / RCM RACMO22T

Figure 1611: Mean across years, RCP 8.5, 2020 .. 2049

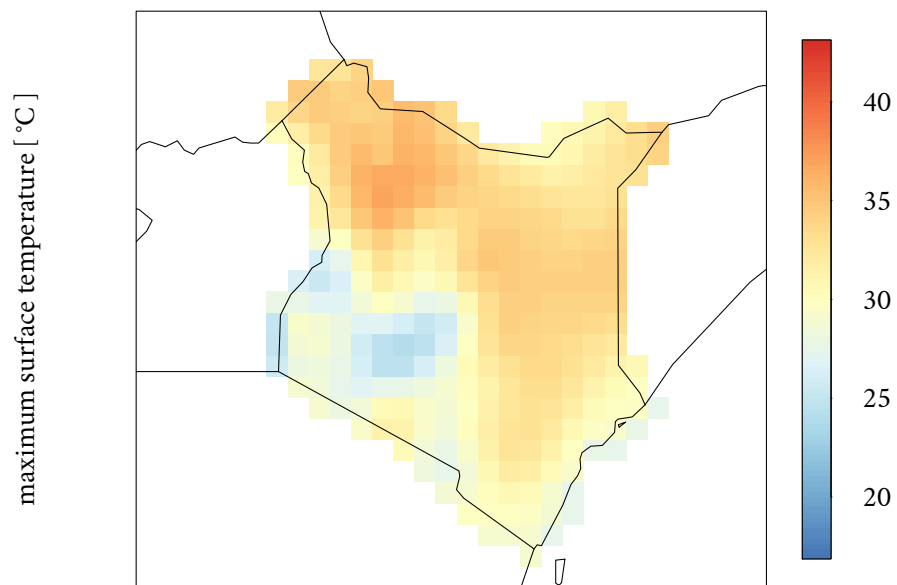


Figure 1612: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

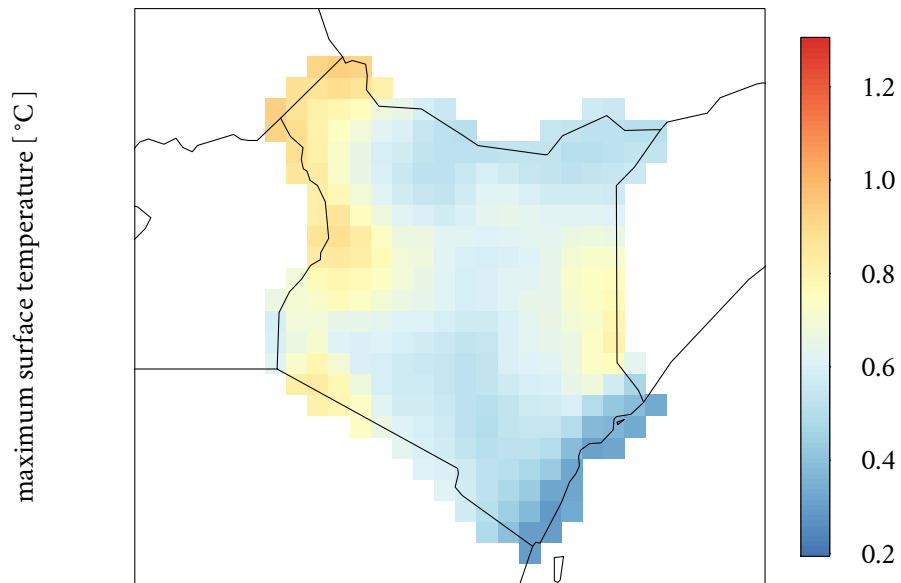


Figure 1613: Mean across years, RCP 8.5, 2060 .. 2089

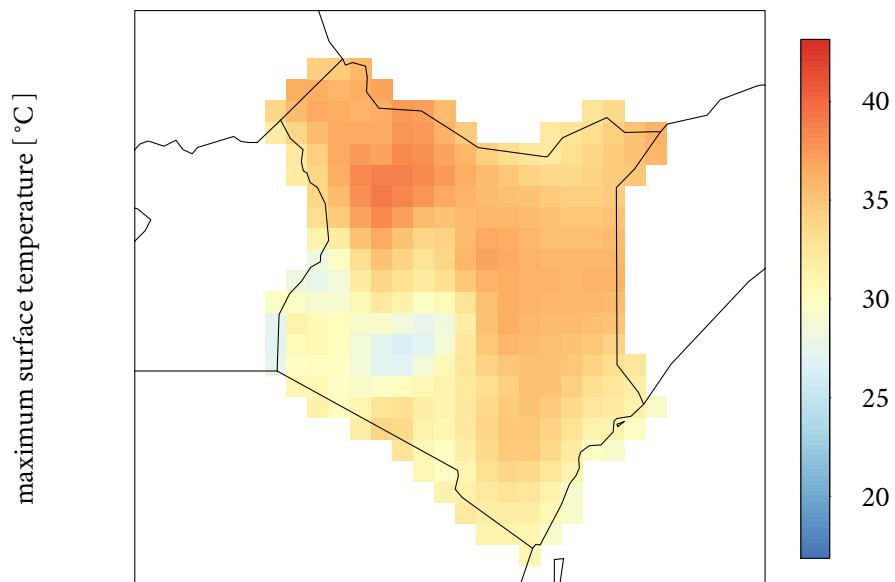


Figure 1614: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

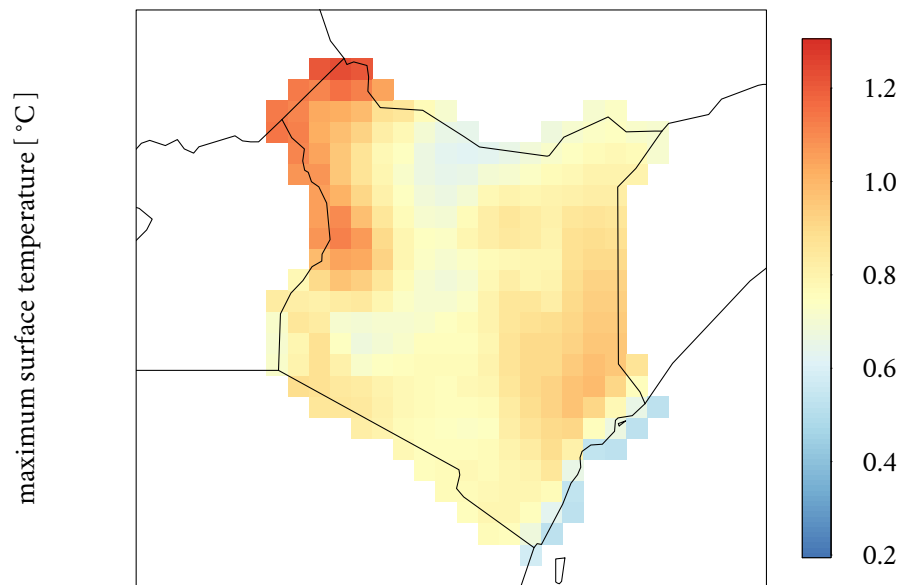
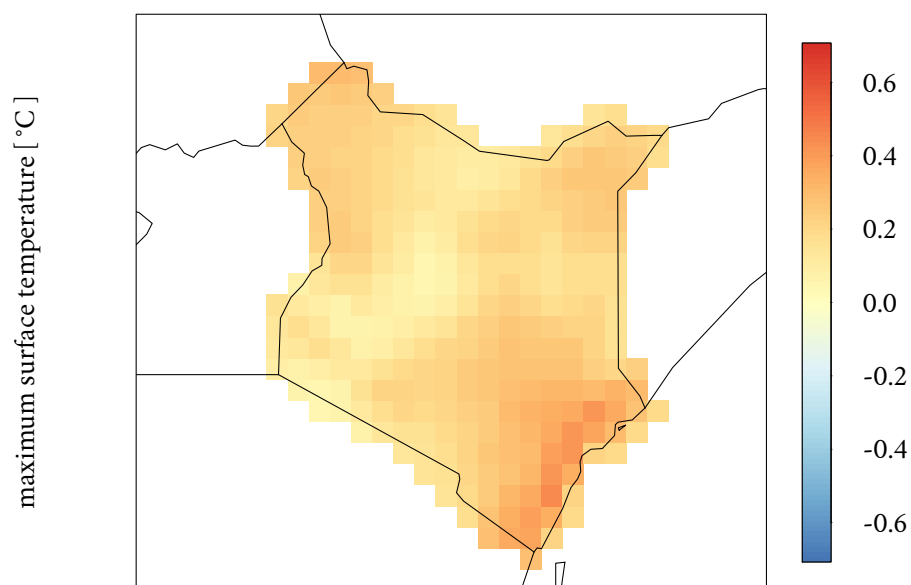


Figure 1615: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.13 GCM MOHC-HadGEM2-ES / RCM RCA4

Figure 1616: Mean across years, RCP 8.5, 2020 .. 2049

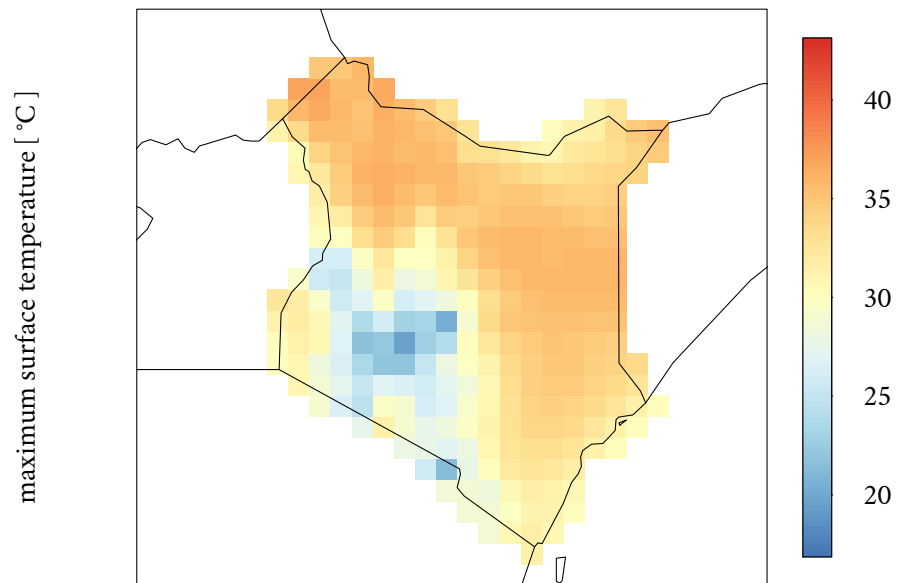


Figure 1617: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

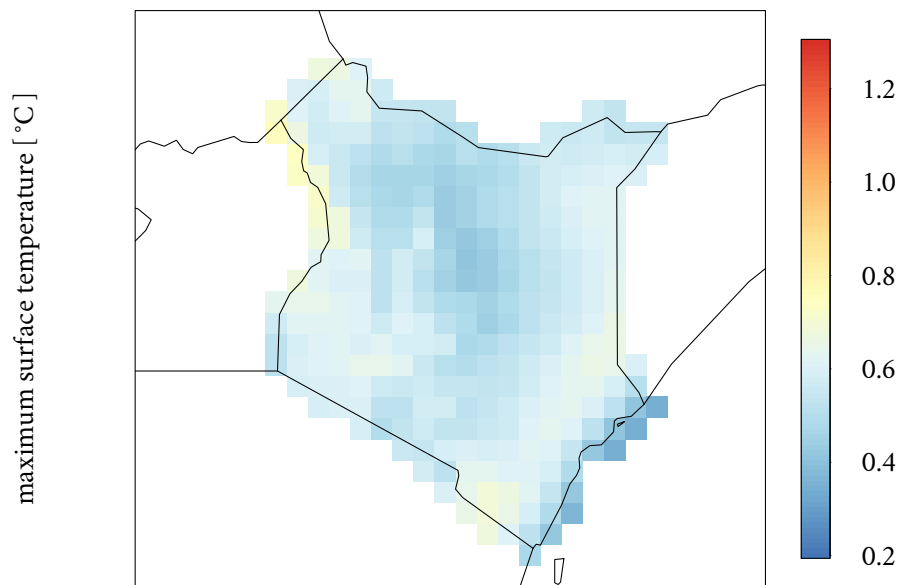


Figure 1618: Mean across years, RCP 8.5, 2060 .. 2089

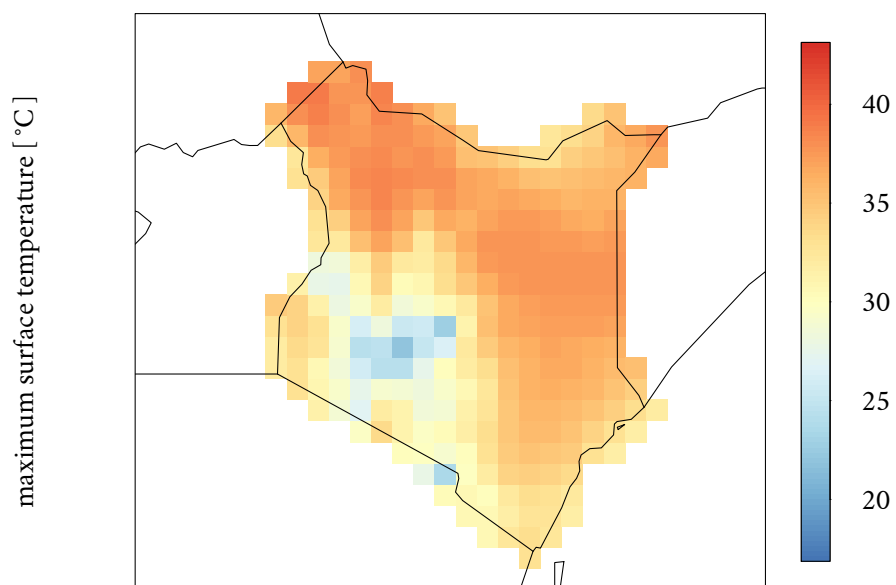


Figure 1619: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

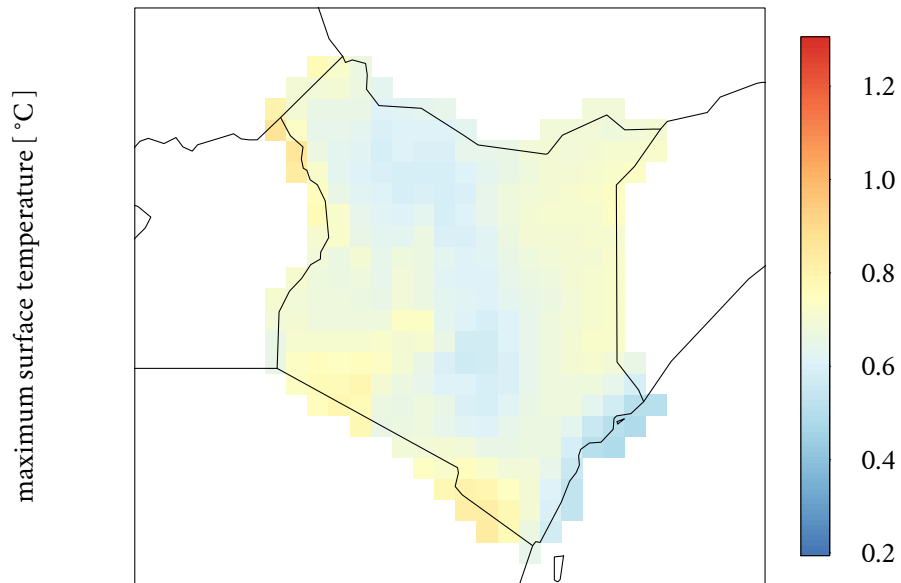
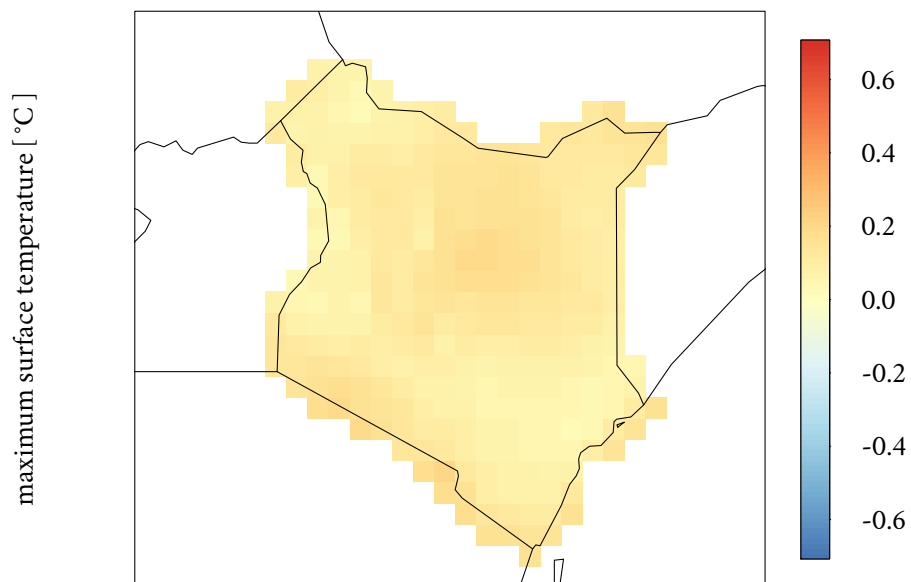


Figure 1620: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.14 GCM MOHC-HadGEM2-ES / RCM REMO2009

Figure 1621: Mean across years, RCP 8.5, 2020 .. 2049

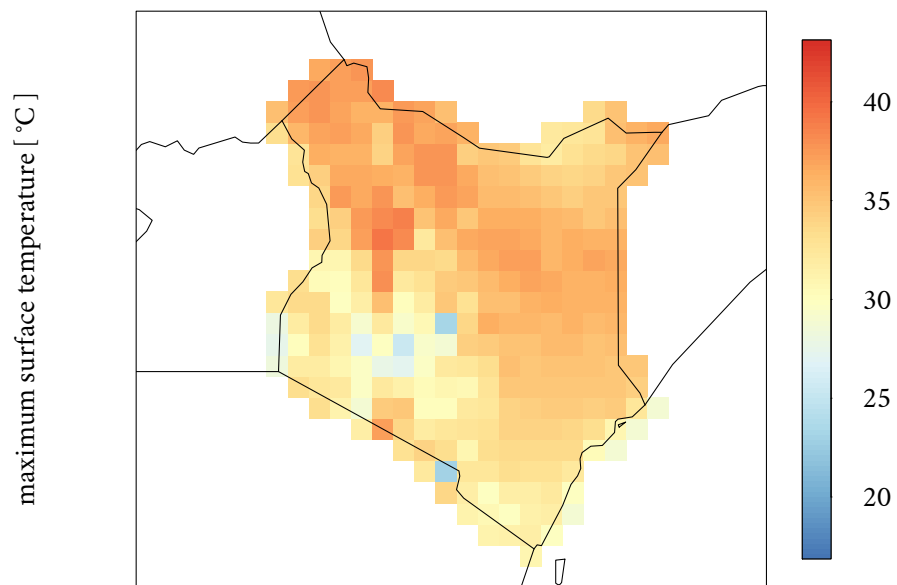


Figure 1622: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

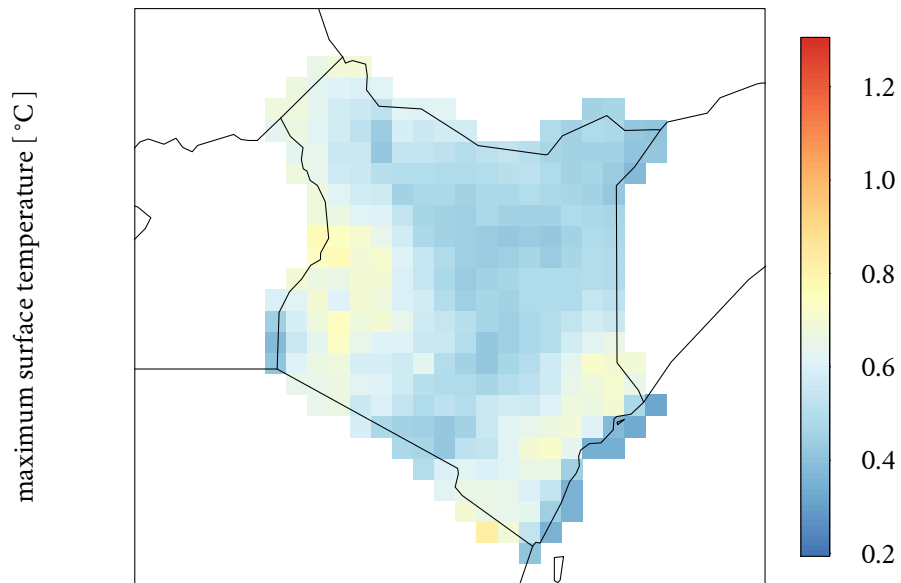


Figure 1623: Mean across years, RCP 8.5, 2060 .. 2089

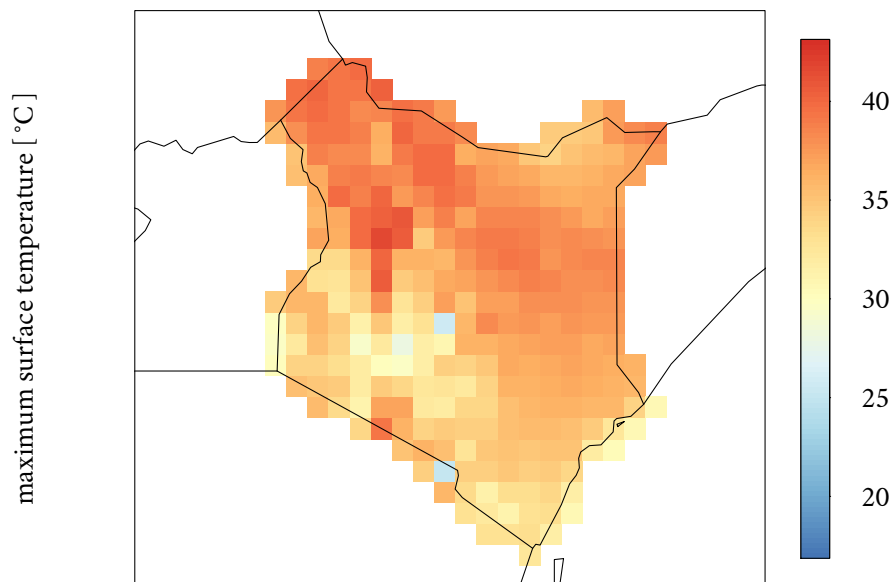


Figure 1624: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

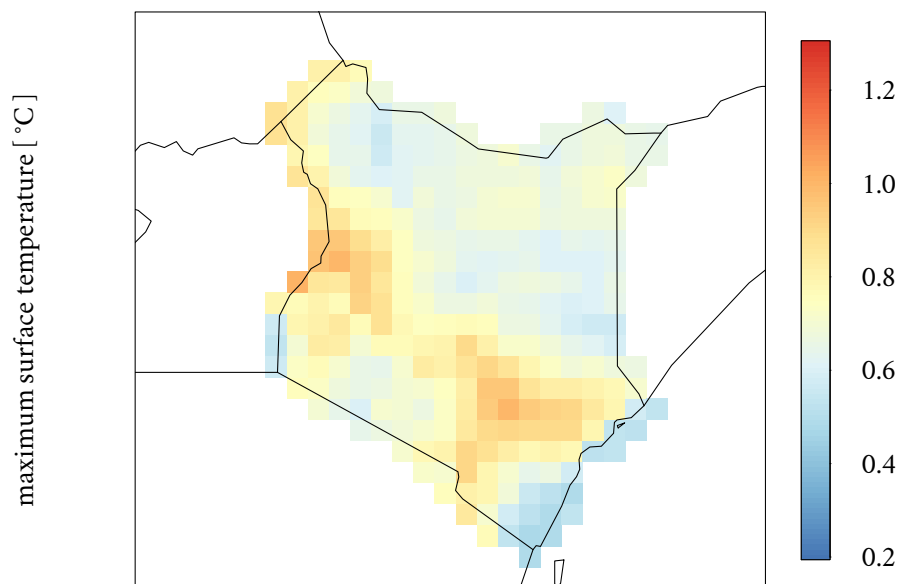
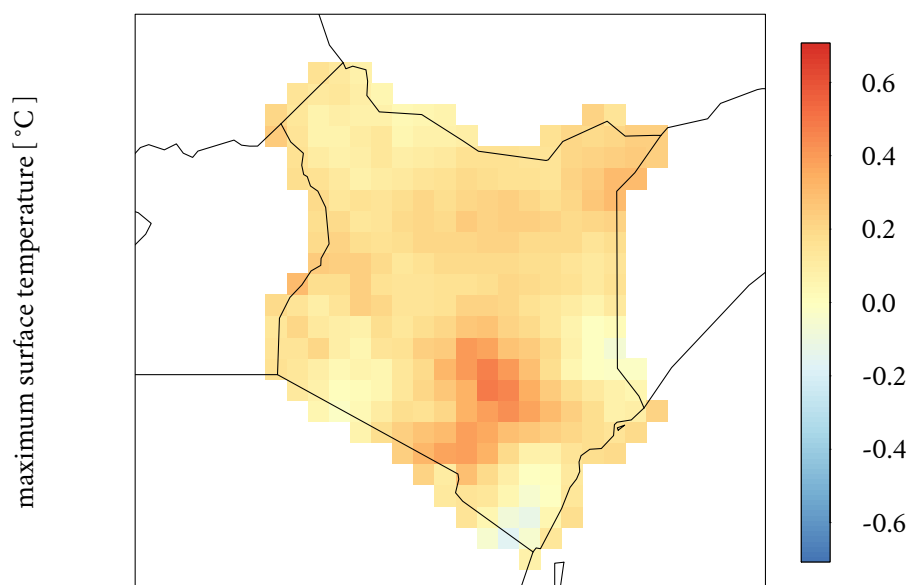


Figure 1625: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.15 GCM MPI-M-MPI-ESM-LR / RCM CCLM4-8-17

Figure 1626: Mean across years, RCP 8.5, 2020 .. 2049

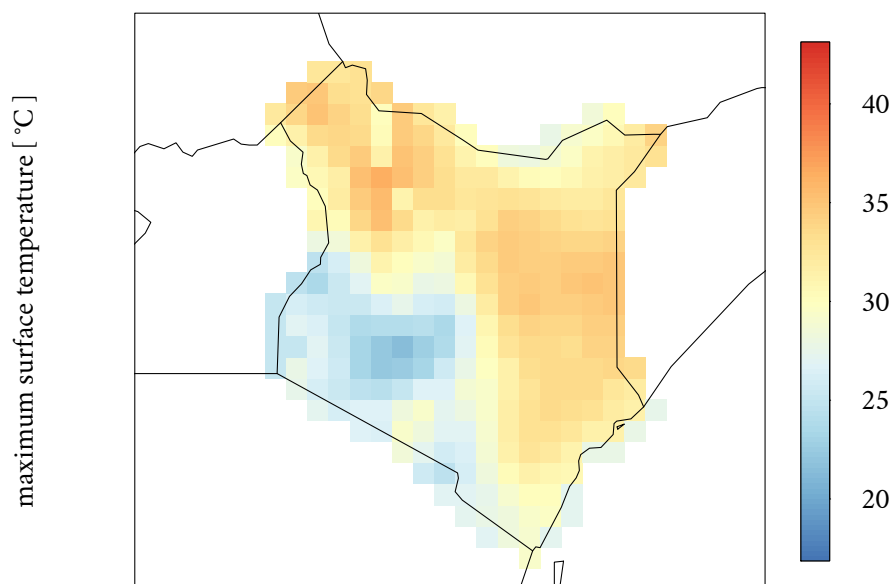


Figure 1627: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

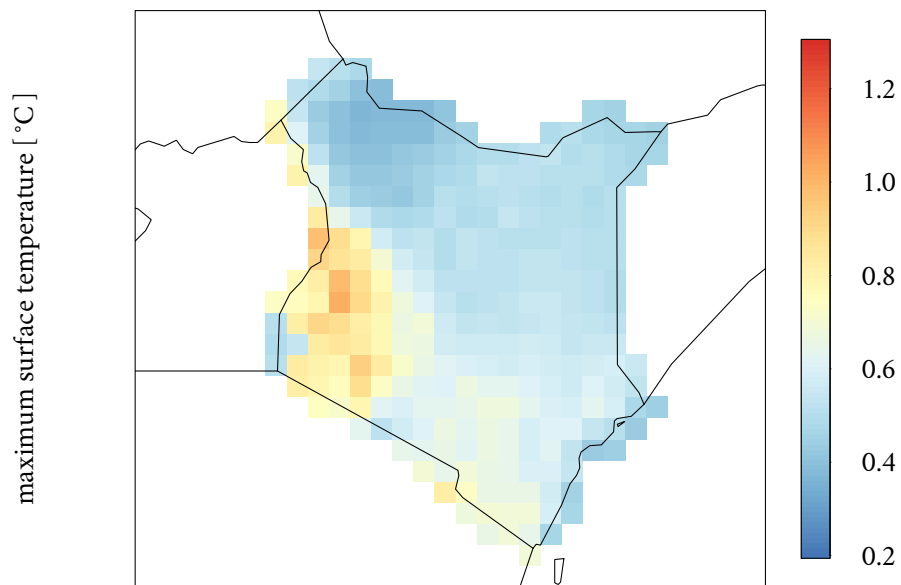


Figure 1628: Mean across years, RCP 8.5, 2060 .. 2089

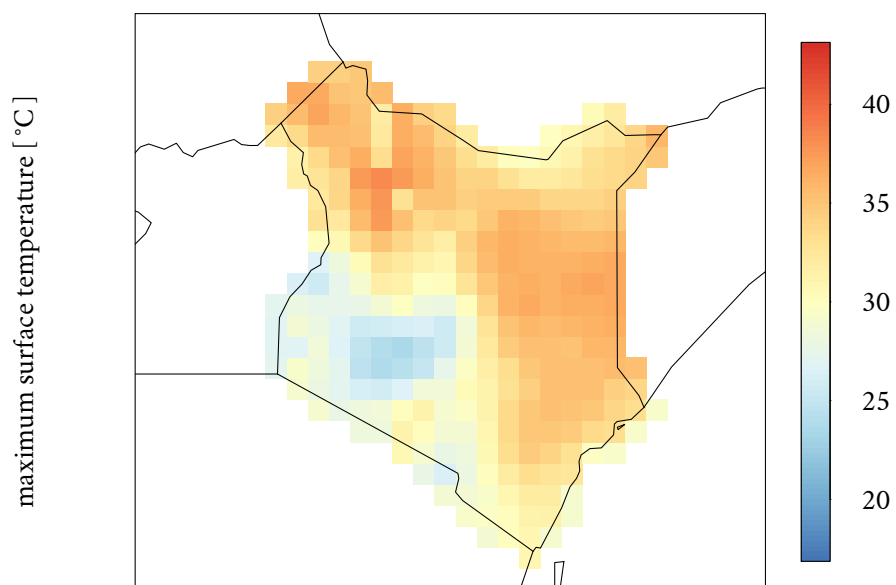


Figure 1629: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

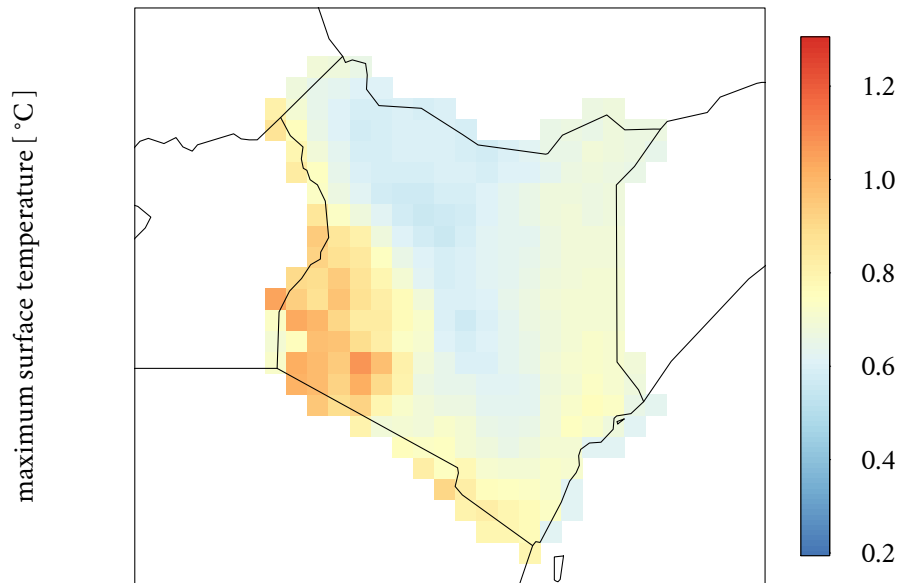
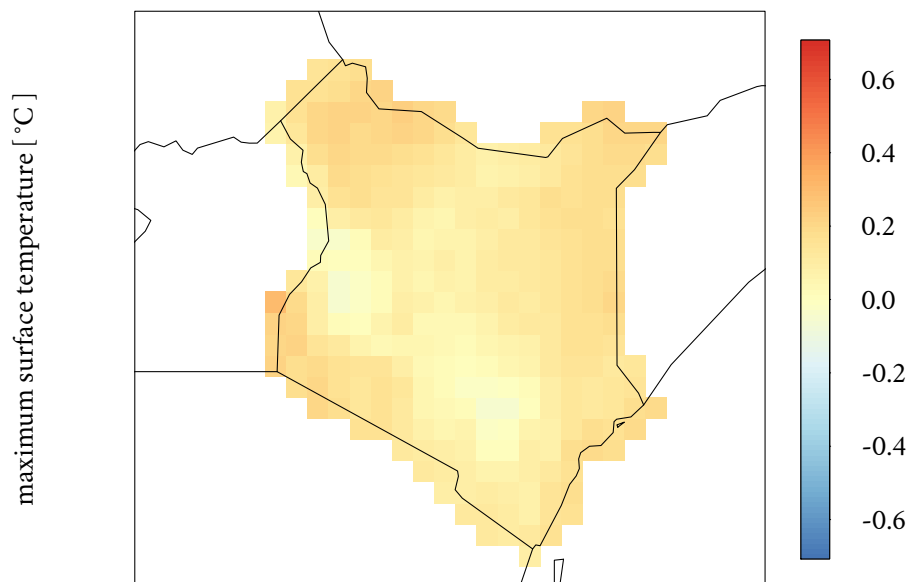


Figure 1630: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.16 GCM MPI-M-MPI-ESM-LR / RCM RCA4

Figure 1631: Mean across years, RCP 8.5, 2020 .. 2049

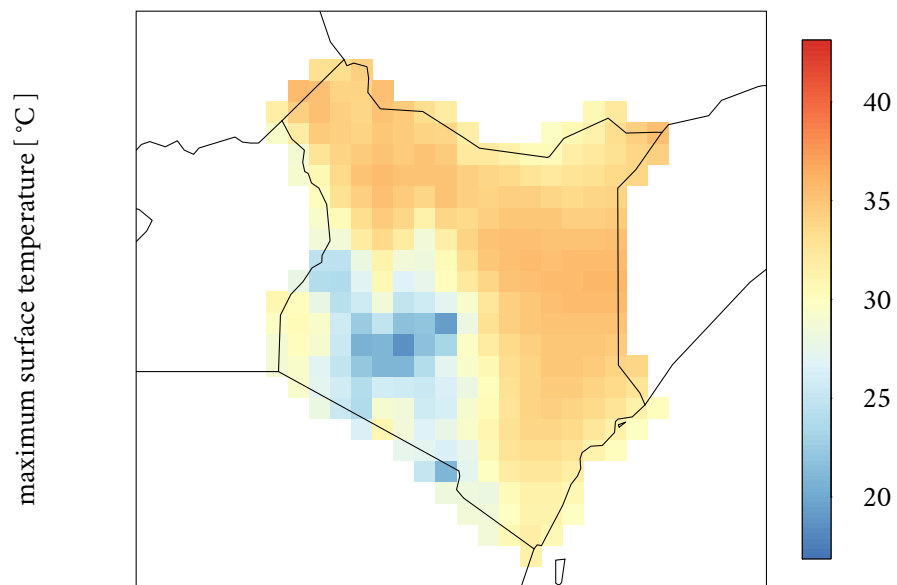


Figure 1632: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

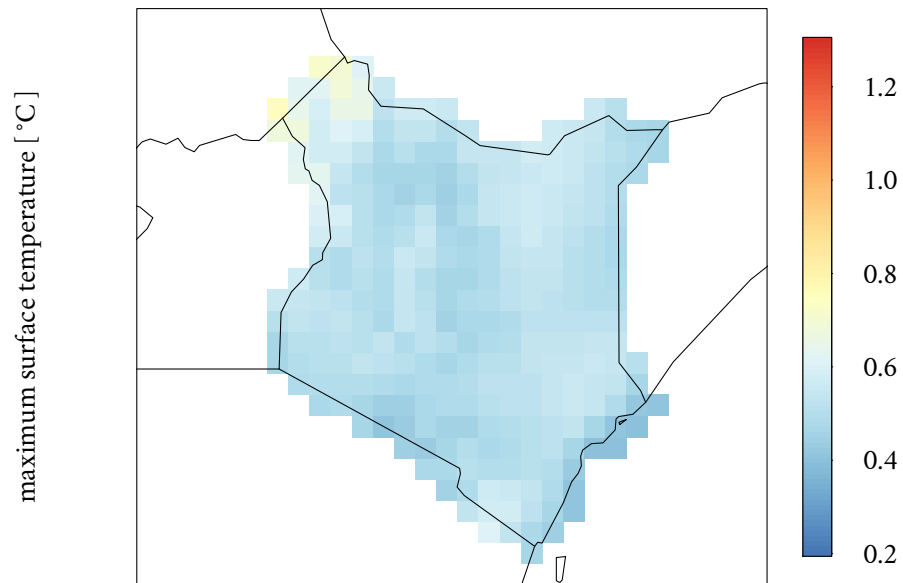


Figure 1633: Mean across years, RCP 8.5, 2060 .. 2089

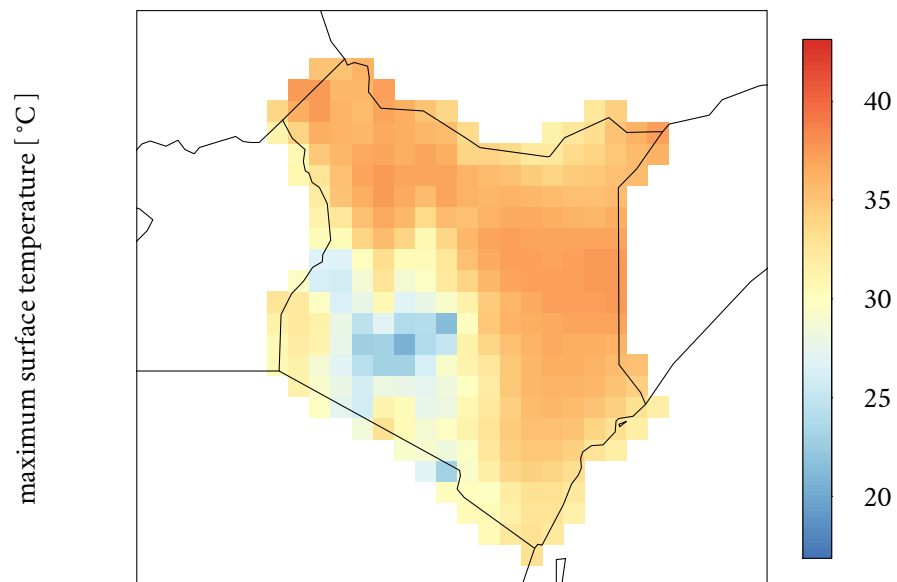


Figure 1634: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

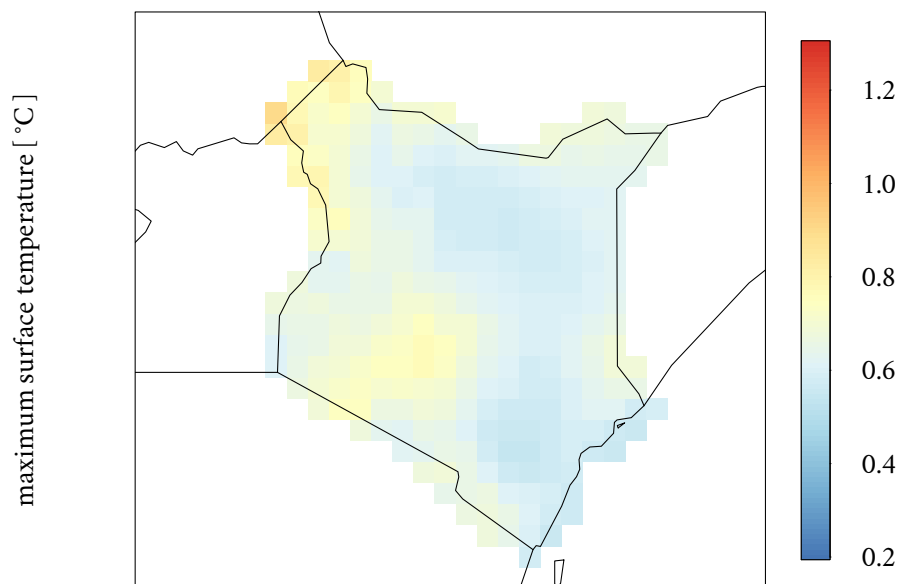
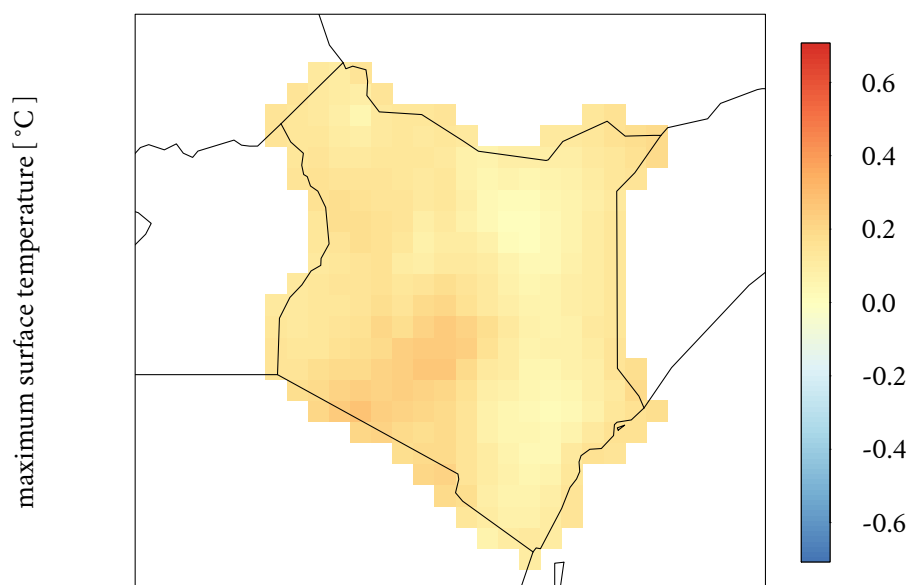


Figure 1635: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.17 GCM MPI-M-MPI-ESM-LR / RCM REMO2009

Figure 1636: Mean across years, RCP 8.5, 2020 .. 2049

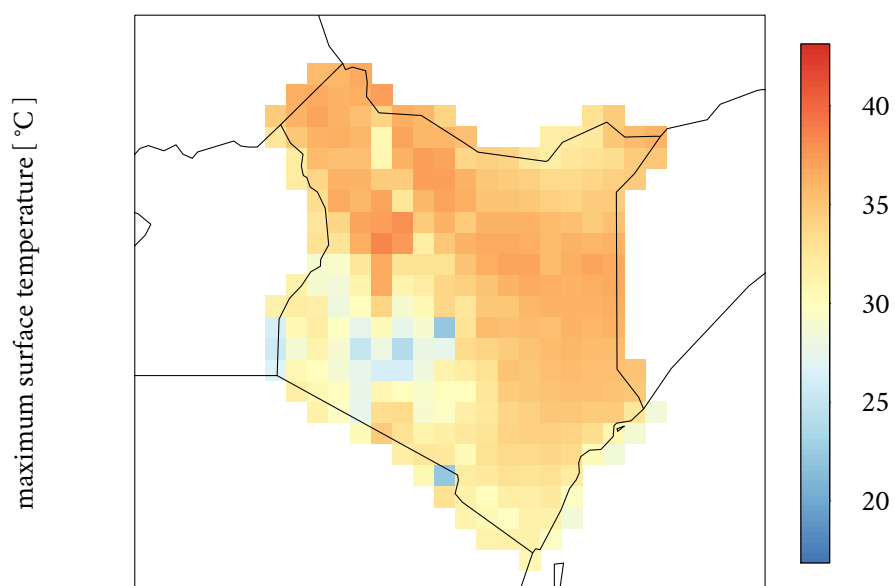


Figure 1637: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

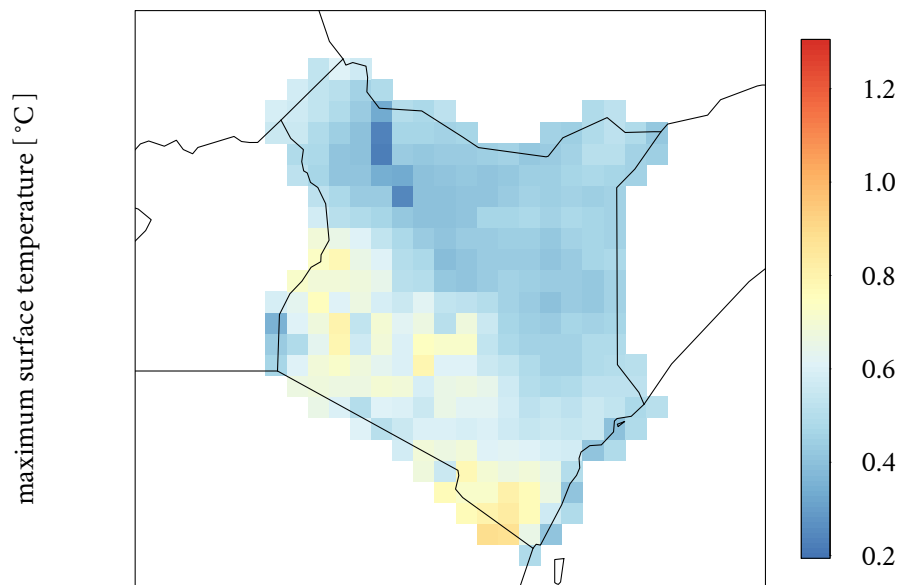


Figure 1638: Mean across years, RCP 8.5, 2060 .. 2089

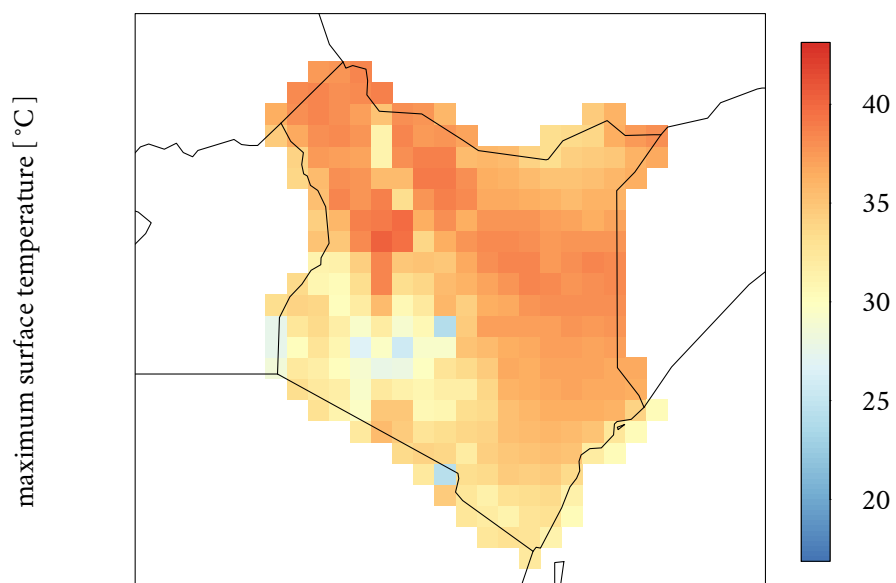


Figure 1639: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

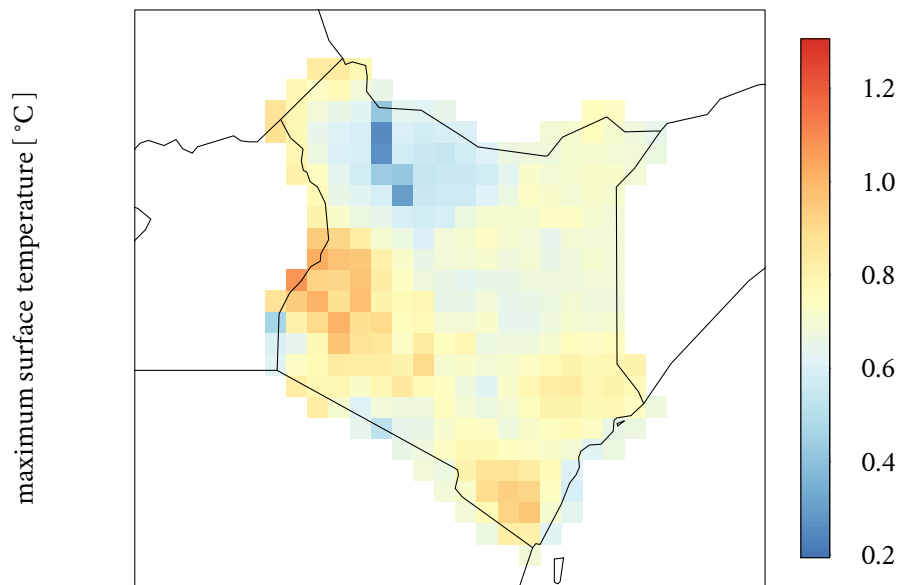
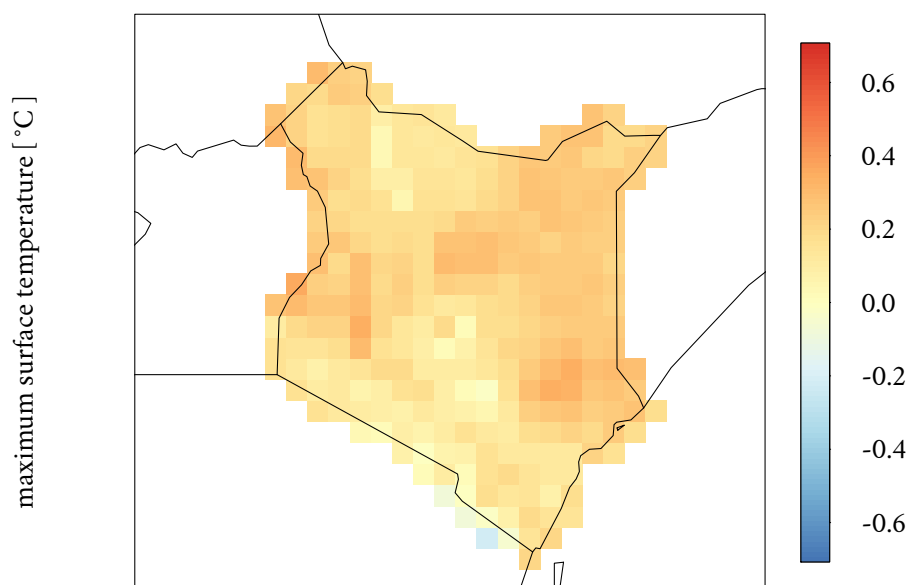


Figure 1640: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.18 GCM NCC-NorESM1-M / RCM RCA4

Figure 1641: Mean across years, RCP 8.5, 2020 .. 2049

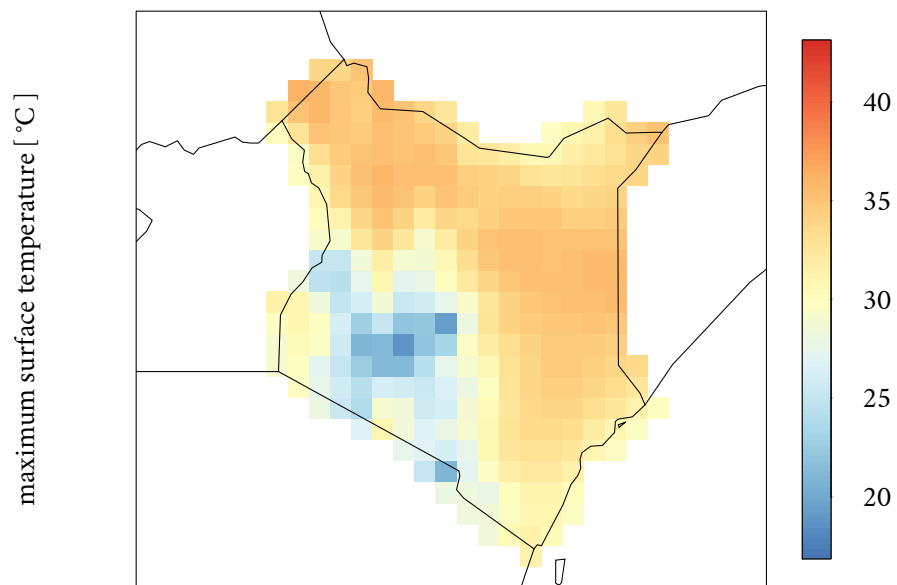


Figure 1642: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

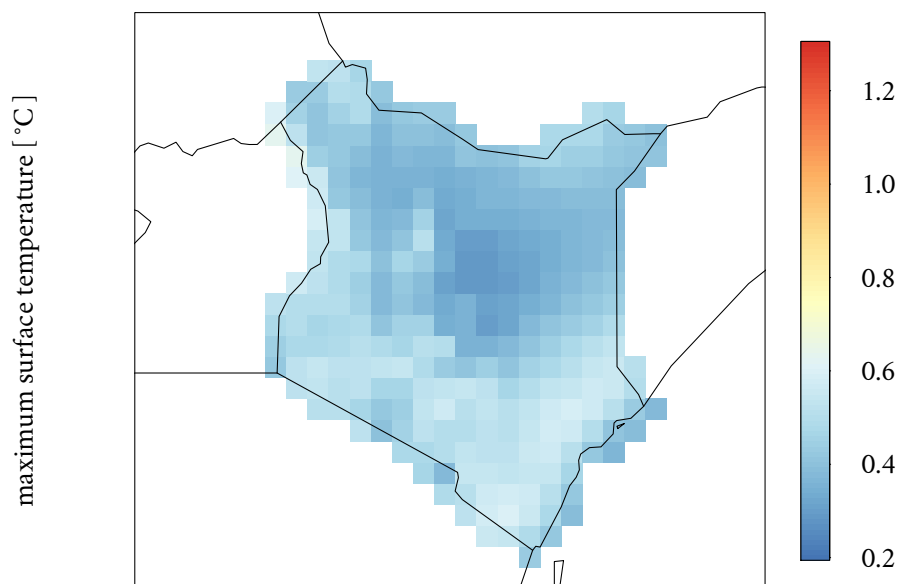


Figure 1643: Mean across years, RCP 8.5, 2060 .. 2089

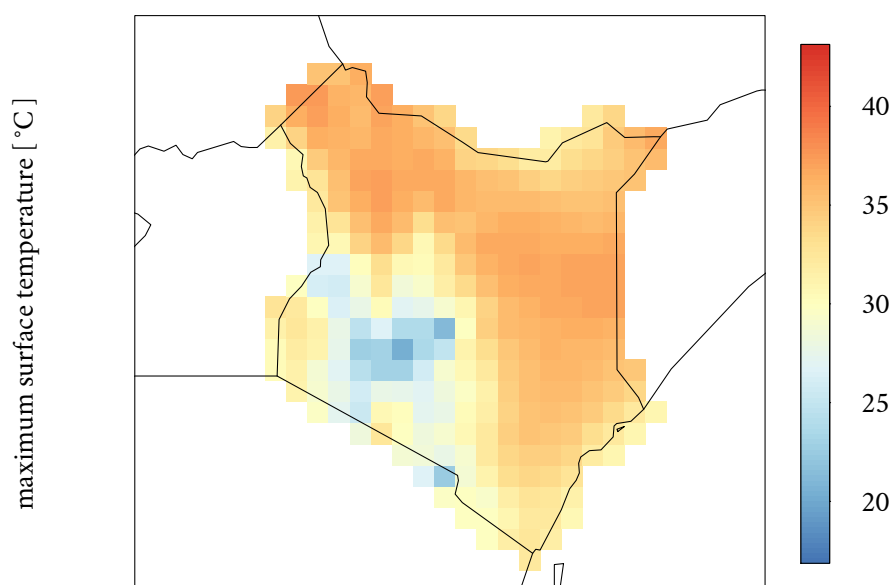


Figure 1644: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

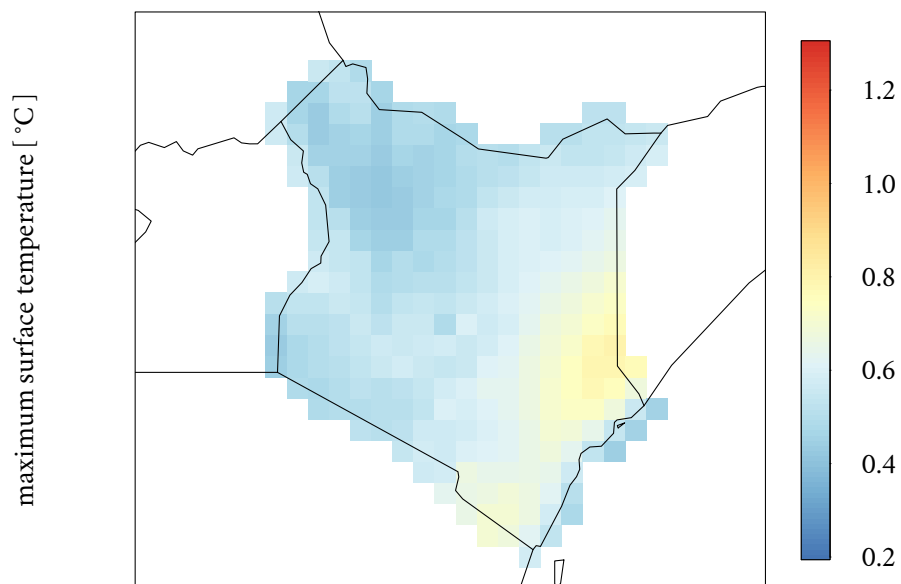
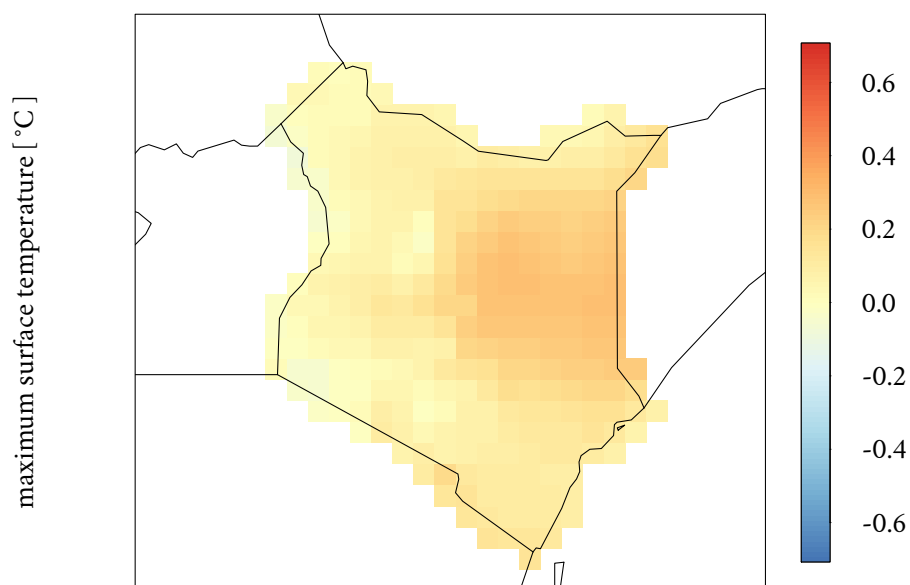


Figure 1645: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049



E.4.19 GCM NOAA-GFDL-GFDL-ESM2M / RCM RCA4

Figure 1646: Mean across years, RCP 8.5, 2020 .. 2049

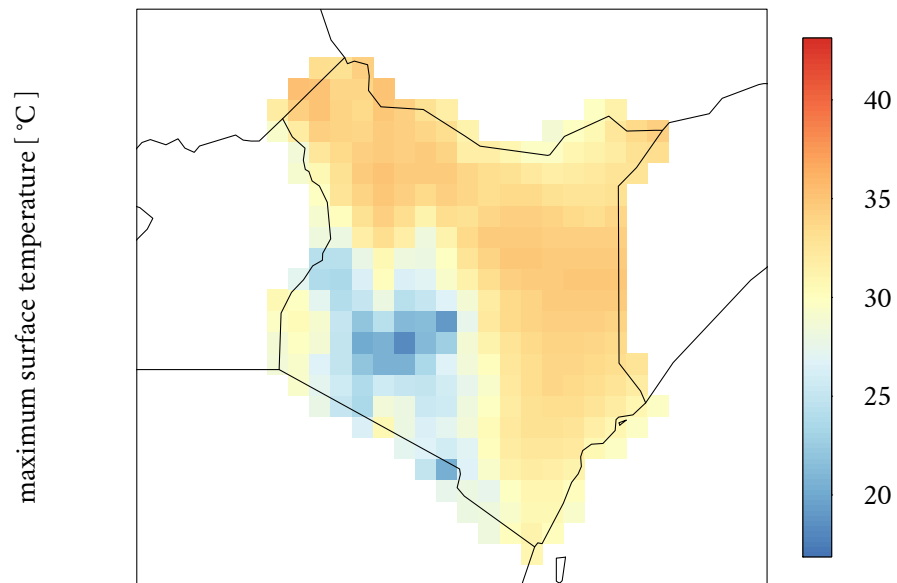


Figure 1647: Standard deviation (annual fluctuations), RCP 8.5, 2020 .. 2049

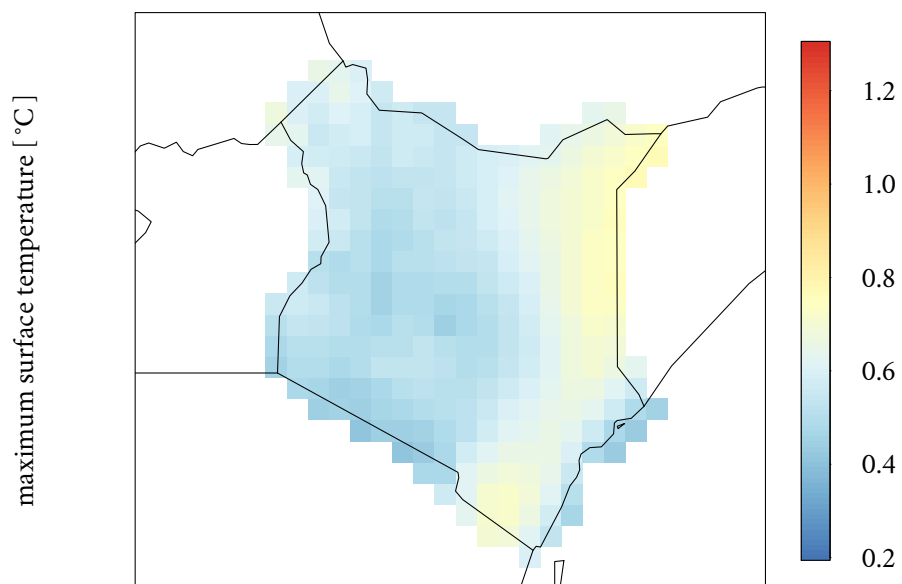


Figure 1648: Mean across years, RCP 8.5, 2060 .. 2089

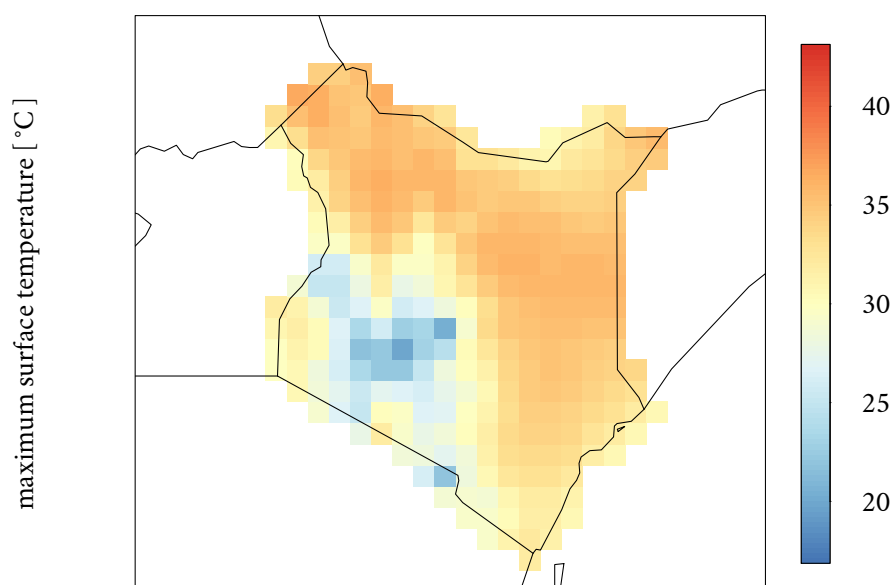


Figure 1649: Standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089

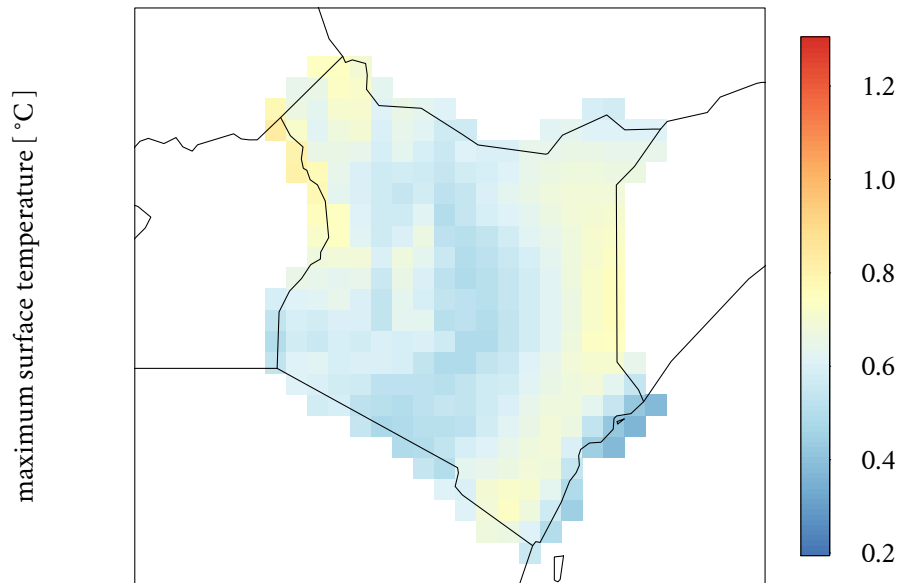


Figure 1650: Time slice difference in standard deviation (annual fluctuations), RCP 8.5, 2060 .. 2089 – 2020 .. 2049

