

Climate Change and Health – CP2

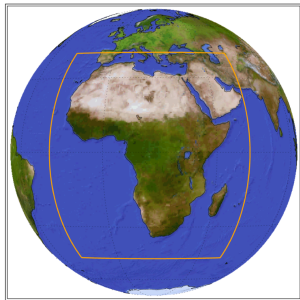
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CORDEX (Coordinated Downscaling Experiment) Africa



- CMIP5: (Climate Model Intercomparison Project): coordinated run of global climate models with standardized input/assumptions
- CORDEX: downscaling of global CMIP5 projections to 0.44° (≈ 50 km) or 0.22° (≈ 25 km) resolution
- 0.22° : 4651 data sets (5 GCM / 3 RCM (X))
- 0.44° : 14490 data sets (14 [11] GCM / 9 RCM (✓))

CORDEX Africa

Please let me know what you're interested in!

currently

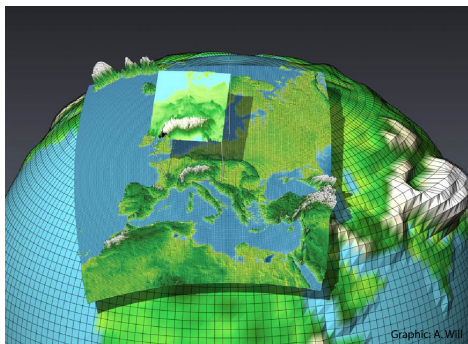
- ensemble analysis
- temperature, precipitation and soil moisture
- 2020 .. 2050 / 2070 .. 2100
- RCP 2.6 / RCP 8.5
- average, variance, annual cycle

go to

<https://esgf-data.dkrz.de/search/cordex-dkrz/>

and pick the domain AFR-44 to see what's available

CMIP6



- climate data is currently coming in
- need to pick a GCM (or several?)
- need to pick scenarios (your input is needed)
- downscaling with CCLM

<https://esgf-data.dkrz.de/search/cmip6-dkrz/>

https://pcmdi.llnl.gov/CMIP6/ArchiveStatistics/esgf_data_holdings/