

# CASCADES Data Management

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Deutsches Klimarechenzentrum  
(German climate computing center)

[www.dkrz.de](http://www.dkrz.de)

*“The German Climate Computing Center is a national service facility and a major partner for climate research. Our high performance computers, data storage and services form the central research infrastructure for simulation-based climate science in Germany.”*

# DKRZ

- provides infrastructure for **data exchange** (you upload your model output to DKRZ)
- provides **storage space**
- runs Linux (like all top 500 machines)
- sign up at  
`https://luv.dkrz.de/accounts/newuser/`  
please contact us beforehand for details

# Data work flow

1. **upload** your data to DKRZ
2. they will seemingly disappear, but in reality a test suite will perform **quality checks**
3. assign a **DOI**
4. data will be **published** on ESGF server

# Data dissemination

Powered by **ESGF** and **ocean**

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## Inter-Sectoral Impact Model Intercomparison Project

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Simulation round: ☐ ISIMP2b (52573)

Product: ☐

Data Set or Type: ☐

Bias-Correction Target: ☐

Spatial Coverage: ☐

Country: ☐

Sector: ☐ Biomies (52573)

Impact model: ☐

Climate forcing: ☐

Climate scenario: ☐

Simulation period: ☐

Time frequency: ☐

Variable: ☐

Variable long name: ☐

Licence: ☐

Human influences scenarios: ☐ CO2 fertilization ☐ Socio-economic scenario ☐

Sector-specific filters: ☐ Agriculture Crop ☐ Agriculture Irrigation ☐ Agriculture Harmonization ☐ Vegetation Type ☐ Biomies PFT ☐

Marine Ecosystems and Fisheries ☐ Ocean Acidification ☐ Fishing Type ☐

Enter Text:  [Search](#) [Reset](#) [Display](#) 10 results per page [More Search Options](#)

☐ Show All Versions

Total Number of Results: 52573  
1-2-3-4-5-6 Next >>

Expert Users: you may display the search URL and return results as XML or return results as JSON

- isimip2b.output.biomies.CARAB.hadgem2-es.historical.pcControl.hisroc.co2.bal.all.monthly**  
Description: CARAB model output prepared according to the ISIMP2b simulation protocol (<https://www.isimip.org/en/>). Model details: <https://www.isimip.org/en/>. Published under license. Use of these data strictly according to the ISIMP Terms of Use (<https://www.isimip.org/en/>). These data may change! Keep up-to-date on corrections & caveats: <https://www.isimip.org/en/>.  
Data Node: [esg.pik-potsdam.de](https://esg.pik-potsdam.de)  
Version: 20180511  
Total Number of Files (for all variables): 1  
Full Dataset Services: [Show Metadata](#) | [List Files](#) | [THREDDS Catalog](#) | [WGWT Script](#)
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- isimip2b.output.biomies.CARAB.hadgem2-es.historical.pcControl.hisroc.co2.lai.all.monthly**  
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<https://esg.pik-potsdam.de/search/isimip/>

# Data dissemination

- all data will be made publically available eventually
- ESGF portal software provided by CMIP, a little bit clunky at times
- requires NetCDF file format
- NetCDF: sophisticated file format for gridded data, widely used in climate and impact science

# Questions?

`isimip-data@pik-potsdam.de`