



# A5: CMIP6-Datenportal

42-Monattreffen DICAD

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**CMIP Data + ESMValTool RESULTS**

**by freva**

Home | Result Browser | CMIP6 Results | Data Browser | Feedback | Terms of Use | ESMValTool Info | Help | Logout (b324093)

The CMIP6 evaluation results produced with the ESMValTool are made publicly available on this website without password restriction. Initially this website shows CMIP6 results that are already published. Newly produced results for CMIP6 will initially be water-marked and will only be made available without water-mark once quality control has happened and possible papers have been written. This strategy has been supported, encouraged, and approved by the WCRP Working Group of Coupled Modelling (WGCM). Therefore, all CMIP6 results presented on this website are strictly confidential as long as they are water-marked and should not be used in publications. We encourage all CMIP6 modelling groups to quality control the results for their models. Please follow the CMIP6 Terms of Use.

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**ESMValTool.**

The Earth System Model Evaluation Tool (ESMValTool) is a community-developed diagnostic and performance metrics tool for the evaluation of Earth system models with observations. It includes other well-established model evaluation packages such as the NCAR Climate Variability Diagnostics Package (CVDP). The collection of standard namelist for example also allows to reproduce the figures from the climate model evaluation chapter of IPCC AR5 (Chapter 9) and parts of the projection chapter (Chapter 12). ESMValTool is available as open source on [GitHub](#).

**Freva - Freie Universität Berlin Evaluation System**

The MIPip INTEGRATION project provides a standardized data and evaluation system framework - developed at the Freie Universität Berlin in Germany. Freva provides efficient and comprehensive access to the model data base as well as to evaluation data sets. The application system is developed as an easy to use low-end application minimizing technical requirements for users and tool developers.

**About Us**

The CMIP-DICAD project provides a German contribution within the CMIP6 Project. The objective of CMIP6 is to better understand past, present and future climate change arising from natural, unforced variability or in response to change in radiative forcing in a multi-model context.

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(Also for password reset)

**Imprint**

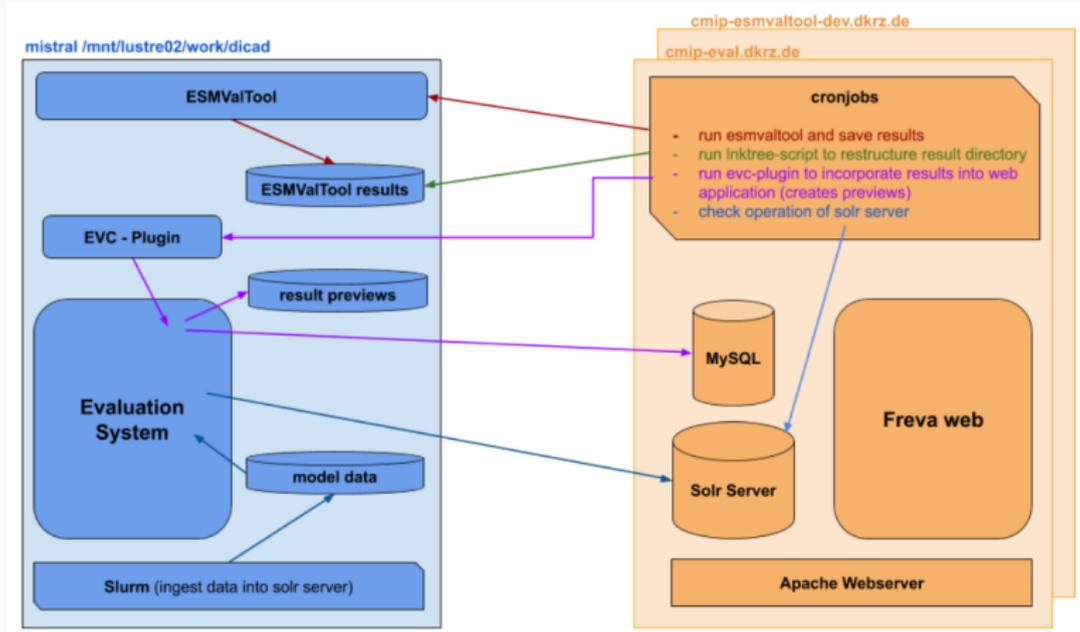
- Freva - INTEGRATION
- Institut für Meteorologie - FU Berlin
- Carl-Heinrich-Becker-Weg 6-10
- 12185 Berlin

Created by Freva

Testsystem unter **cmip6-esmvaltool-dev.dkrz.de** mit Dokumentation

- Aufsetzen eines neuen Systems
- Installation und Konfiguration des Evaluationssystems
- Installation und Konfiguration eines Datenbankservers, eines Solr-Servers und eines Webservers
- Installation und Konfiguration der Webapplikation
- Freigabe von Ports, setzen von Berechtigungen (SELinux)
- Anpassung von Webinhalten (React/Javascript, HTML)
- Nachvollziehen und Einrichten von Abläufen (Cronjobs) und Datenflüssen
- Dokumentation des Systems

# Testsystem



Policy zur Wartung und zum Update des Systems:

- Beschreibung des Produktivsystems
- Handhabung der Rollen und ihrer Aufgaben
- Updateprozess
- weiterführende Informationen

- M1: Entwurf mit ausführlicher Spezifikation ✓
- M2: Lauffähiger und getesteter Prototyp ✓
- M3: Policy für den Produktionsbetrieb liegt vor (Updatepolicy) ✓ ●
- M4: Entwicklungssystem funktionsfähig ●
- M5: Produktivsystem installiert ✓ ●
- M6: Übergabe der Portalbetreuung ans DKRZ ●

- Umstellung LDAP → neue Gruppen
- paralleles 2. Produktivsystem auf [cmip-eval.dkrz.de](http://cmip-eval.dkrz.de)
- Vorbereitung für Übergabe an DKRZ