

Add your data to the MedCLIVAR long-time archive of climate datasets

The Steering Committee of **MedCLIVAR** “Mediterranean Climate Variability and Predictability” (www.medclivar.eu) announces the **1st call for applications for 10-year long-time archiving of**

Climate research data in the World Data Center for Climate (WDCC)

at the Deutsches Klimarechenzentrum GmbH, Bundesstraße (DKRZ). Archiving of data will be secured **until 31 December 2023**.

The purpose of the MedCLIVAR data archive is to provide long-term preservation (including DOI registration) and easy public access to **observational and model datasets for climate diagnostics and impact studies on the Mediterranean region**. This represents an optimal opportunity for researchers and colleagues from operational services who would like to make available to the scientific community their data along with information on the results they have obtained. As a central gateway, it shall also include pointers to data stored at different locations but available for general research.

Free download of data is only for research purposes. Please understand that anonymous access will not be given and that any transfer of downloaded data to third parties is not allowed. Any use of data has to include citation of the principal investigator and the WDCC or the DataCite (datacite.org) citation reference if possible.

If you are interested in inserting observational (including satellite) or model data which you regard as suitable for future research efforts, send a request (see *Appendix A*) to Prof. Piero Lionello (Chair of the MedCLIVAR programme) at piero.lionello@unisalento.it (cc to riccardo.buccolieri@unisalento.it). You may already take a note of *Appendix B* for preliminary information on data format requirements.

On the basis of the received applications, the MedCLIVAR Steering Committee will select the climate datasets to be archived in this framework on a **first-come, first-served basis** until **28 February 2012**. *Subsequently, datasets will be selected every 3 months until 30 November 2013.*

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On behalf of the MedCLIVAR Steering Committee

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Appendix A: guidelines for data archiving proposals

REQUESTS FOR DATA ARCHIVING PROPOSAL SHALL INCLUDE:

- General information on the proposer and its institution
- Information about the data:
 - Type of data (simulated or observed), period covered, spatial domain, temporal and spatial resolution, available variables
 - Description of the data (source, methodology, purpose)
- Bibliographic references
- Volume of data

Data must have a clear relevance for the Mediterranean climate.

Appendix B: requirements for accepted datasets

Accepted datasets should satisfy some general **REQUIREMENTS AND BE PROVIDED IN A SPECIFIED FORMAT**. Note that MedCLIVAR can provide some support in adapting the data to these requirements.

- **Research data** must be provided in NetCDF/CF format and compatible to interfaces of WDCC.
- **Metadata** and a relevant reference must be provided in XML-files and compatible to the metadata-template of the WDCC
- The size of the data is expected to be in the range 0.5- 1.5Tbt. Larger datasets can be considered if their insertion is justified. Smaller data can be accepted, but need to be merged with other data in the archive list
- NetCDF/CF files should contain all relevant information within the global attributes. For model data, they should contain model name, type, component (ocean, atmosphere, rivers etc.), covered period (ERAinterim, HyMeX period 2010-2020, scenario 1950-2100, etc.), frequency of output (monthly mean, daily, 6h, 3h), research center.