

Wikiprint Book

Title: udg/ecoms

Subject: TracMeteo - udg/ecoms

Version: 209

Date: 08/13/2022 04:17:29 AM

Table of Contents

The ECOMS User Data Gateway	3
Contents of the wiki page:	3
Issues	4

Recent Changes:

- [New CFSv2 monthly dataset](#) -- Posted on 2018-01-26 10:54 : author [juaco](#) : categories [Server](#) [Ecoms](#) [Udg](#) [Euporias](#) [Data](#) [Specs](#)
- [New paper about ECOMS UDG available](#) -- Posted on 2017-08-04 10:40 : author [juaco](#) : categories [Server](#) [Ecoms](#) [Udg](#) [Euporias](#) [Data](#) [Specs](#)
- [New variables in CFSv2](#) -- Posted on 2016-06-21 13:32 : author [juaco](#) : categories [Euporias](#) [Data](#) [Specs](#) [Server](#) [Ecoms](#) [Udg](#)
- [loadeR.ECOMS v1.0-0 released](#) -- Posted on 2016-05-11 18:57 : author [juaco](#) : categories [Euporias](#) [Data](#) [Specs](#) [Server](#) [Ecoms](#) [Udg](#)
- [GloSea5 dataset published](#) -- Posted on 2016-05-11 18:52 : author [gutierrez](#) : categories [Euporias](#) [Data](#) [Specs](#) [Server](#) [Ecoms](#) [Udg](#)
- [Re-branding to ECOMS UDG](#) -- Posted on 2014-01-23 20:06 : author [antonio](#) : categories [Euporias](#) [Data](#) [Specs](#) [Server](#) [Ecoms](#) [Udg](#)
- [The CFSRR dataset has been added to the portal](#) -- Posted on 2013-09-24 12:26 : author [antonio](#) : categories [Euporias](#) [Data](#) [Specs](#) [Server](#)
- [First version of the user data portal](#) -- Posted on 2013-04-25 20:07 : author [antonio](#) : categories [Specs](#) [Euporias](#) [Data](#) [Server](#)

The ECOMS User Data Gateway

The European Climate Observations, Modelling and Services initiative ([?ECOMS](#)) coordinates the activities of three ongoing European projects ([?EUPORIAS](#), [?SPECS](#) and [?NACLIM](#)). Different sector-specific impact activities to be undertaken in these projects require a reduced number of variables (typically at surface, but also at pressure levels for downscaling purposes) from different data sources (seasonal/decadal forecasts, reanalysis, etc.) with different terms of use (publicly available, available for ECOMS partners, etc.).

As part of the data management activities in these projects, the [?Santander Meteorology Group \(UC-CSIC\)](#) has established the *ECOMS User Data Gateway* (**ECOMS-UDG**) to provide a single access point to collections of impact-relevant variables, gathered from existing state-of-the-art datasets (see the available [datasets?](#) and [variables?](#)). The **ECOMS-UDG** is composed of a catalogue of datasets and services provided by a [?THREDDS data server](#) and a suite of tools for user-friendly data exploration, access and post-processing. A fine-grained user authorization system allows different user roles to access data sets with different data policies. Since [?R](#) has been adopted for a number of tasks in these projects (validation, downscaling, etc.), an R package for data exploration and access has been developed ([ecomsUDG.Raccess](#)) and additional functionalities will be developed to meet the users' needs.

This wiki page provides an up-to-date description of the **ECOMS-UDG**, including information on the available datasets and variables, and the documentation of the available tools. The following documents and links are the basic references:

Technical notes:

- [The ECOMS Data Gateway \(v2.0\)?](#)
- [Validation of System4 dataset \(v1.0\)?](#)

Tools:

- **R package:** `ecomsUDG.Raccess` (v1.0-0) [Linux/Mac?](#) [Windows?](#) [Package Manual \(pdf\)?](#)
- [Python package](#)

Contents of the wiki page:[THREDDS Data Server \(TDS\)?](#)

- [Available datasets?](#)
- [List of variables?](#)
- [User registration?](#)
- [Access via Web?](#)
- [DAP access?](#)

[Assessment of Users' Needs](#)

- [EUPORIAS WP22 CIs](#)
- [EUPORIAS WP23 impact models](#)
- [SPECS WP61 pilot applications](#)
- [Assessment of needed variables](#)
- [A note on the temporal aggregation of climate variables](#)

[R Package for ECOMS-UDG Data Access](#)

- [Data homogeneization?](#)
- [Authentication?](#)

[Examples?](#)

- [Trellis maps for data visualization?](#)
- [Analysing model drift?](#)

- [History and versions?](#)
- [Other interfaces for Data Access?](#)
- [Python?](#)
 - [Matlab?](#)
- [Known Problems and FAQs](#)
- [Technical Issues](#)
 - [Problems with Datasets](#)
6. [Dissemination Activities?](#)

Issues

If you find any issue, problem or make a comment, please [drop us a ticket!!](#).

You can submit the ticket anonymously, but if you want to receive notifications on updates and feedbacks you can provide your e-mail address in the ticket form.

This is the list of tickets, so far:

Ticket	Summary	Type
No tickets found		