

## **Wikiprint Book**

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- [New paper about ECOMS UDG available](#) -- Posted on 2017-08-04 10:40 : author [juaco](#) : categories [Server](#) [Ecoms](#) [Udg](#) [Euporias](#) [Data](#) [Specs](#)
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**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 ([useRaccess](#)) 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 for data exploration/access: [useRaccess \(v1.0.2\)?](#)
- [Python package](#)

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## 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:

<a href="#">Ticket</a>	<a href="#">Summary</a>	<a href="#">Type</a>
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