



DRIAS portal as a national climate service

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After some years of experience providing national regionalized climate projections on DRIAS portal, interesting feedback can be set up.

DRIAS portal has become legitimate with the support of the french ministry in charge of sustainable development. The structure of the portal with 3 areas dedicated to Education, Discovery and Data & Products download is quite robust and has allowed to integrate several new datasets related to atmospheric or impact projections.

However some matters are more and more relevant and have to be explored with special attention.

First of all the quality and the traceability of the provided dataset have to be the best as possible. It implies to select cautiously the ensemble (GCM/RCM couples) which will be processed for integration in the portal but also to develop some quality control software able to detect anomalies and to assess the consistency of the dataset.

For traceability purpose the dataset have to be documented with all the information describing the different processes from the GCM to the bias-corrected projections and the calculated indicators.

From the user point of view it's important to educate and guide with accurate documentation, friendly web interface, easy tools to select the most fitted projections and also uncertainties products. A user's committee has been set up in order customizing the climate service to end-users needs. There is an increasing need for more climate variables (temperature, precipitation but also snowfall, specific humidity, surface wind and radiation), impact indicators and higher time frequency (3 hours or hourly).

In the next steps we have now to precise the position of a national climate service in relation to Copernicus Climate Service.