



A climate service prototype for water resource management at seasonal scales

Jean-Pierre Céron, Anne-Lise Beaulant, and Christian Viel

Meteo-France, Direction de la Climatologie, 42 avenue G. Coriolis, Toulouse Cedex 1, France (jean-pierre.ceron@meteo.fr)

While the Specs project is dealing with the improvement of the climate models on the seasonal to decadal scales (S2D), the Euporias project is devoted to the application of S2D forecasts, especially in terms of impact forecasts which better fit the stakeholder needs and the use of such information into their Decision Making Processes (DMPs).

Based on a preoperational hydrological forecasting suite at seasonal scale and in the frame of the Euporias project, Meteo-France is developing a Climate Service prototype devoted to water resource management over two river catchment in France. One is located in the North and encompass the Seine-Normandie area while the second is located in the South-West and corresponds to the Adour-Garonne river catchment.

After a description of the different component of the prototype and the calibration of the impact forecasts, the main stakes related to the decisions and the corresponding calendar will be presented. An evaluation method about the impact of the use of the climate information onto the DMPs, so call Placebo protocol, will be discussed as well.

Some prospects will be proposed to conclude.