



## **Assessment of precipitation volumes of the Peninsular Spain rivers basins**

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An alternative use of downscaling techniques which allows to obtain some derived variables which play a significant role on climate change impact assessment is presented.

The specific objectives are to:

1. calculate the precipitation volumes of the Peninsular Spain rivers basins from two re-analysis datasets and compare with the results of observations for the period 1994-2003.
2. calculate projected results for the period 2070-2100 using a selection of climate models and two emission scenarios.

Special emphasis has been put on the estimation of uncertainties associated to the selection of climate model and on the differences found on the Atlantic and Mediterranean basins, mainly due to that the precipitation over the Mediterranean is not completely conditioned by the large-scale atmospheric circulation.