

WP1 Status report June 10th 2010

Just few items require reporting after the last WP1 report dated on April 12th, 2010.

Task 1. Forcing data 1860-2007

-River run-off for the period 1880-2000. The original data provided by Omstedt and Hansson may not be adequate to forced the regional climate model RCAO due to a distinct amplitude of variations compared to the observations. This would lead to some inconsistencies with the scenario simulations for the period up to 2100. Some alternative ways to transform the run-off data are being explored.

Task 3 Nutrient load forcing 1960-2100

For the scenario simulations, the drawbacks due to the difficulty to establish initial values for P and N for the model ERAMESAN cannot be easily resolved. Therefore, values of nutrients loads for time-slices in the future, instead of transient simulations, will be provided.

Task 4 Estimation of uncertainties

Uncertainties in the estimation of airborne nutrients has continued. A report has been uploaded to the ECOSUPPORT web site (document articles-19032010.txt)