

A coupled ocean-atmosphere regional climate model (AORCM) will be used for the study of the Mediterranean Climate processes in the present climate and simulation of future climate.

Tasks to be carried in the project:

1. Present day simulation with the stand-alone atmospheric model forced by ERA-interim reanalysis for the period 1989-2001
2. Present day simulation with the stand-alone oceanic model forced by SODA reanalysis for the period 1989-2001
3. Present day simulation forced by ERA-interim reanalysis and SODA reanalysis for the coupled ocean-atmosphere model
4. Future climate driven by the ECHAM5 – MPIOM r2, scenario A1B, for the 1950-2050 period