

**European Geosciences Union**

**General Assembly 2012**

**Vienna | Austria | 22 – 27 April 2012**

**SESSION OS2.2/EG3/CL2.12**

**ADVANCES IN UNDERSTANDING OF THE MULTI-DISCIPLINARY  
DYNAMICS OF THE**

**SOUTHERN EUROPEAN SEAS (MEDITERRANEAN AND BLACK SEA)**

Convener: S. Somot

Co-Conveners: M. Gregoire , E. Özsoy , A. Pascual

The session would like to overview recent understanding, by observations and modelling, of the Southern European Seas general circulation, their ecosystems and biogeochemical fluxes. Themes of particular interest are hydrodynamic interactions at multiple temporal and spatial scales, response to atmospheric forcing and process coupling at different trophic levels of the ecosystem. Issues related to long and short term circulation, mesoscale variability, biogeochemical flux dynamics, ocean forecasting, assessment and understanding of climate trends and the state of the ecosystem are also within focus of the session.

Deadline for abstract submission: 17 January 2012,

<http://meetings.copernicus.org/egu2012/>