

## **Call for a Workshop on Global Ocean Productivity and the Fluxes of Carbon and Nutrients: Combining Observations and Models**

To foster the interaction and cooperation between scientists from different JGOFS/GAIM research areas, the JGOFS Global Synthesis Working Group (GSWG) together with the JGOFS-GAIM OCMIP Task Team (JGTT) is calling for a workshop on:

### **Global Ocean Productivity and the Fluxes of Carbon and Nutrients: Combining Observations and Models**

24 – 27 June 2002

Joint Research Centre of the European Commission (Ispra) – Italy

The goal is to assess the present state of research on global ocean productivity and downward material fluxes from observations and biogeochemical models and to identify future research needs. Emphasis is on integrated studies and the comparison between methods. For details, please see the attached hand-out document and visit the workshop web page <http://me-www.jrc.it/jgofs/>.

If you think you can contribute to the following workshop themes, please participate and **submit your abstract before 31 May 2002**:

- How accurate are satellite productivity algorithms?
- Are sediment trap data consistent with satellite productivity maps?
- Are benthic food supply requirements matched by measured downward fluxes?
- What controls the export and sequestration efficiency?
- How important are ocean margins for global ocean biogeochemical cycles?
- Are modelled productivity rates and fluxes consistent with observations?
- How will marine biogeochemical cycles change in the future?
- The next generation of biogeochemical models: what level of complexity is required to improve productivity and flux estimates?
- New technologies and observations: which new datasets will be available in 10 years?
- Are they sufficient to validate future models?

R. Schlitzer, AWI (rschlitzer@awi-bremerhaven.de)

P. Monfray, IPSL (monfray@cea.fr)

N. Hoepffner, JRC (nicolas.hoepffner@jrc.it)

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