

## Towards ecosystem oceanography: Identification and modelling of controls in marine ecosystems

18-28 June 2006, Dragerup field station, Denmark

### Overview

Acknowledging that the major scientific gaps concerning the development of an Ecosystem Approach to Marine Resources (EAMR) lie in our understanding of species interactions and their link with climate and other environmental factors, this course focuses on controls in marine ecosystems. It covers:

- the detection and quantification of species interactions and the impact of climate, using long time series;
- the modelling of controls and ecosystems dynamics using: (a) individual-based models (IBM); (b) size spectra and size-based models; and (c) mathematical network models.

### Course details

Cf. the course programme and schedule on the course website.

### Lecturers

- Dr Philippe Cury (IRD, France; leader of the EAMR/WP6 group within EUR-OCEANS; organiser);
- Prof. Nils Stenseth (University of Oslo, Norway);
- Prof. Henrik Gislason (Danish Institute for Fisheries Research, Denmark; organiser);
- Dr Christian Mullon (IRD, France);
- PD Dr Volker Grimm (UFZ Centre for Environmental Research Leipzig-Halle, Germany).

### Audience

The course is primarily intended for young researchers at the PhD or postdoctoral stage in their careers and whose institution is a member of one of the funding organisations. However, applications from other international candidates (including confirmed researchers and practitioners, as well as researchers whose institutions are not related with the funding organisations) will be considered.

### Prerequisites

Previous knowledge in ecological modelling and basic skills in programming.

### Registration

Please refer to the course website. The call for applications will open in February and close on 9 April 2006. Up to 25 candidates will be selected by 24 April 2006, using the following criteria: background and experience; motivation to attend the course and individual projects related to the course; relation to the funding organisations.

### Cost

- Fee of 200 € (contribution towards food and lodging)
- Travel expenses to be covered by participants
- Applicants experiencing difficulties in covering their travel expenses and/or registration fees are encouraged to request financial assistance when submitting their course application forms.

### Course website

<http://www.eur-oceans.org/eamr/school/>

### Practical information

Information will be posted in due time on the course website. Dragerup is a field station situated in a forest at the waterfront of Isefjorden, and is a one-hour drive from Copenhagen airport. Cf.

<http://www.ruc.dk/inst1/forstudents/fieldstations/dragerupstation/>



A EUR-OCEANS summer school  
co-organised by SLIP/Fishnet  
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### Contacts (organising committee)

Henrik Gislason, hg@dfu.min.dk  
Pierre-François Baisnée, pbaisnee@ifremer.fr