

38th International Liège Colloquium on Ocean Dynamics
Liège, May 8-12 2006



Revisiting the Role of Zooplankton in Pelagic Ecosystems

Register and submit abstracts online: <http://modb.oce.ulg.ac.be/colloquium>
Local organizer: Oceanology, University of Liège, B5, B- 4000 Belgium, e-mail jh.hecq@ulg.ac.be

Topic

The 38th International Liège Colloquium on Ocean Dynamics will provide the opportunity for reviewing recent developments on Marine Zooplankton:

- Roles of the different zooplankton components in controlling pelagic food webs: respective roles of micro-, meso- and macro-zooplankton, gelatinous predators, and mixotrophs.
- Influence of long-term changes in physics and climate on the abundance and diversity of zooplankton.
- Influence of small-scale physical variability on the behaviour, dynamics and spatial distribution.
- Roles of zooplankton diversity and abundance on the recruitment of fish.
- Influence of fish predators on the structure and diversity of zooplankton and pelagic systems.
- Effects of zooplankton on biogeochemical fluxes.
- Recent developments in zooplankton modelling.
- Adaptation to extreme environments (e.g. deep sea, ice).
- New technologies (e.g. genetics, sampling).

All approaches are welcome, including: field sampling, remote sensing, laboratory experiments and modelling exercises.

Contributions concerning phytoplankton, fish, top predators (marine mammals and birds) and benthos are welcome as far as they address the theme of the Colloquium.

The areas of interest of the Colloquium include all oceans, but specific sessions will be devoted to areas like polar seas, Mediterranean, open ocean or coastal environment. Relevant comparison with fresh water zooplankton systems will be considered.

Sessions devoted to the standardisation and inclusion in data-bases of long-term field series and to syntheses from multidisciplinary programmes will be organised. Since most of recent zooplankton research was involved in international, national and regional interdisciplinary programs (e.g. GLOBEC, EUR-OCEANS, ICES, CIESM), papers with a synthesis aspect are especially encouraged.

Registration

The registration fee of 300 Euros includes the Colloquium program and abstracts, a copy of the published proceedings in *Journal of Marine Systems*, refreshments, receptions, the Colloquium dinner at the Château de Colonster and bus services. An invoice will be sent on request. The early registration fee is 250 Euros (payment before 15 February 2006).

Organizing Committee:

J.H.Hecq, G. Gorsky, A. Goffart, L. Legendre, J.C.J. Nihoul, V. Andersen

International Scientific Committee:

Miguel ALCARAZ, ICM, Barcelona, Spain
Valérie ANDERSEN, LOV, Villefranches/mer, France
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Sigrid B. SCHNACK-SCHIEL, AWI, Bremerhaven, Germany
Sun SONG, Qingdao, China.

Abstract submission and deadlines

One page abstract should be sent to jh.hecq@ulg.ac.be using the style sheet that is available on the Colloquium home page.

- Dead-line for abstract submission: 1 jan. 2006
- Acceptance of abstracts by Scientific Committee: 1 Feb. 2006
- Early registration and diffusion of preliminary program : 15 Feb. 2006
- Receipt of manuscripts for publication of proceedings: 30 Sept. 2006

Publications

Regular research papers presented orally or as a poster can be submitted for publication in a special issue of *Journal of Marine Systems*.

Venue

The Colloquium is held at the University of Liège on Sart-Tilman campus (<http://www/ulg.ac.be/>).
Liège can be reached by train from Paris and Köln and from airports in Brussels, Maastricht and Düsseldorf

