



## UNDERSTANDING THE RESILIENCE OF AQUATIC ECOSYSTEMS: THE BASIS FOR A SUSTAINABLE FUTURE

### XVII Congress of the Iberian Association of Limnology

Auditorium of the University of Cantabria, Santander, Spain · 6 - 11 July 2014  
[www.limnologia2014.com](http://www.limnologia2014.com)



#### Organizers

The AIL celebrates a biannual congress since its foundation in 1981. On this occasion, the AIL collaborates with the Environmental Hydraulics Institute [www.ihcantabria.com](http://www.ihcantabria.com) to organize the XVII edition of the AIL congress. The organizers aim to invite to this event all people working in aquatic ecosystems from diverse fields of knowledge such as ecology, biology, physiology chemistry, geomorphology, hydrology and hydraulics.

#### Organizing committee:

Dr. Pepe Barquín  
 Dr. José Antonio Juanes  
 Dr. Giovanni Coco  
 Dra. Araceli Puente  
 Dra. Luisa Pérez  
 Dr. José Manuel Álvarez  
 Dr. Mario Álvarez  
 Dr. Francisco Peñas  
 Dra. Ana Silió  
 Dra. Bárbara Ondiviela  
 Dra. Aina García  
 Dra. María Recio

#### Scientific committee:

Dra. Nuria Bonada  
 Dr. Antonio Camacho  
 Dra. Fernanda Cássio  
 Dr. Rui Cortes  
 Dr. Arturo Elósegui  
 Dra. Maria João Feio  
 Dr. Manuel Graca  
 Dr. Rafael Marcé  
 Dra. Eugenia Martí  
 Dr. Néstor Mazzeo  
 Dra. Isabel Muñoz  
 Dr. Xavier Niell

Dr. Biel Obrador  
 Dra. Claudia Pascoal  
 Dr. Sergi Sabater  
 Dr. Juan Soria  
 Dr. Russell G. Death  
 Dr. Narcís Prat  
 Dr. Tom Battin  
 Dra. Emma J. Rosi-Marshall  
 Dr. Andrea Rinaldo  
 Dr. Neil Rooney  
 Dra. Sabine Hilt

#### Venue

The Conference sessions will take place at the Auditorium of the University of Cantabria, from the 6th to the 11th of July. The technical secretary will be localized in the Auditorium. All the scientific sessions, including the poster exhibition, will also take place in the Auditorium. The advanced courses will take place the 6th of July in the IH-Cantabria headquarters. Santander offers many possibilities of accommodation in the downtown area or close to beaches and surrounding areas. The trip to Santander can be done via train, bus or plane, as there is a local airport with regular flights to different parts of Spain and Europe.



#### Scientific program

The scientific program is designed to cover the most relevant topics in aquatic ecology. The scientific sessions will consist of 7 plenary sessions, 4 special sessions and nearly 150 contributions in parallel sessions. It is also expected to have more than 150 posters. The best oral and poster presentations by students will be eligible for a prize. Scientists invited to the conference are:

Dr. Narcís Prat **Stability, resilience and sustainability in the Margalef's universe**

Dr. Tom Battin **Microbial biofilms: The engines of stream biogeochemistry and ecosystem functioning**

Dra. Emma J. Rosi-Marshall **Ecosystem structure and functional responses to pharmaceutical and personal care products in aquatic ecosystems**

Dr. Andrea Rinaldo **River networks as ecological corridors for species, populations and pathogens of waterborne disease**

Dr. Neil Rooney **Detecting signatures of instability in aquatic food webs: from physiology to ecosystems**

To be confirmed **AIL Doctoral Thesis award**

Dra. Sabine Hilt **Regime shifts in freshwaters: from concepts to details and practice**

The main topics that will be addressed in this conference are:

**River, lake, reservoir, wetland and estuary ecology**  
**Biodiversity and biogeography**  
**Aquatic ecosystem biology and conservation**  
**Ecosystem functioning (Metabolism, Regime shifts, etc...)**  
**Biogeochemistry**  
**Food webs**  
**Eco-hydrology and Eco-hydraulics**  
**Aquatic ecotoxicology**  
**Global change**  
**Invasive species**  
**Multiple stress factors**  
**Aquatic ecosystem restoration**  
**Aquatic ecosystem management and water quality**

In addition to these topics, four special sessions have been proposed. Anybody interested could also send their contribution to these sessions:

SS1 **Zooplankton as indicator of environmental stress and resilience**

SS2 **Carbon fluxes in freshwaters: towards a better understanding of the role of inland waters in the land-ocean aquatic continuum**

SS3 **Reservoir limnology at the edge of change: a tribute to Joan Armengol**

SS4 **Assessing the effects of land use and cover changes on aquatic ecosystem structure and functioning**

#### Submission of Abstracts

The abstract of each contribution should be sent using the web application that is on the conference website [www.limnologia2014.com/instructions](http://www.limnologia2014.com/instructions). The deadline for abstract submission is the **4th of April, 2014**. All abstracts from accepted oral or poster contributions will be included in the congress book of abstracts.

#### Registration & Fees

The conference registration must be done using the web application on the conference website [www.limnologia2014.com/inscription](http://www.limnologia2014.com/inscription). This fee includes access to technical sessions, coffee breaks, meals, welcome cocktail, conference dinner and book of abstracts. There will be a discount on the congress fee for those registering before the **4th of April 2014**. Technical tours and participation in advanced courses must be paid separately.

Payment of the conference fee must be made by bank transfer or by credit card. The deadline for online registration is open until the 20th of June 2014. After this date registration will only be accepted at the conference venue.

	<b>Early bird</b>	<b>Late</b>
Seniors	<b>370 €</b>	<b>500 €</b>
Students	<b>195 €</b>	<b>295 €</b>
AIL Members	<b>295 €</b>	<b>400 €</b>
AIL Students	<b>165 €</b>	<b>250 €</b>
Accompanying person	<b>170 €</b>	<b>225 €</b>

#### Social program

The social conference program includes a welcome cocktail, technical guided excursions and the conference dinner. Besides these activities, the conference organizers together with the young scientists of the AIL, have organized a series of sessions to enable young people to meet those senior researchers they wish.

