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NET-SCARCE  
International Conference

# RIVERS UNDER WATER SCARCITY: Threats and Challenges

15-16 November 2016  
Barcelona, Spain

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## OBJECTIVES and TOPICS

This conference is part of the project NET-SCARCE, which in turn is the follow up of the project SCARCE (Assessing and predicting effects on water quantity and quality in Iberian rivers caused by global change). The SCARCE project was a 5-year project that finished in December 2014 and addressed the study of four Spanish River basins (Llobregat, Ebro, Júcar and Guadalquivir). This was a multipurpose task aimed to predict the relevance of global change impacts on water quality and availability in Mediterranean river basins of the Iberian Peninsula, as well as their impacts on the ecosystem services, human society and economy.

NET-SCARCE, active since December 2015, aims to consolidate the multi-disciplinary network established in the SCARCE project in order to provide insight into the current challenges related with water scarcity under global change, both from scientific and management perspectives, and how can we respond and adapt to these challenges. Following this objective, the NET-SCARCE Conference is one of the central activities of the project and will compile

the topics of the five conferences that have taken place in the SCARCE project during the last 5 years:

- Global change and water scarcity
- Linking chemical exposure and biological effects
- Hydrological modelling for water resources
- Ecological stressors and morphological changes
- Ecosystem services and integration in river basin management plans
- Risk assessment and socioeconomic aspects
- Translating science to management

This NET-SCARCE conference will provide a multi-disciplinary forum to present and discuss the many issues affecting water resources today. The meeting encourages transdisciplinary communication on issues related to the toxicants and stressors in water and how they affect water use and exploitation by society under scarcity. The conference invites anyone working on water sustainability to share knowledge to face a changing world in water resources management.

## SCIENTIFIC COMMITTEE

- **Damià Barceló**  
Institute of Environmental Assessment and Water Research (IDAEA-CSIC), Barcelona and Catalan Institute for Water Research (ICRA), Girona, Spain
- **Sergi Sabater**  
Catalan Institute for Water Research (ICRA), Girona, Spain
- **Isabel Muñoz**  
University of Barcelona (UB), Barcelona, Spain
- **Xavier Sánchez-Vila**  
Technical University of Catalonia (UPC), Barcelona, Spain
- **Yolanda Picó**  
University of Valencia (UV), València, Spain
- **Julián Blasco**  
Institute of Marine Sciences of Andalucía (ICMAN-CSIC), Cádiz, Spain
- **Arturo Elosegi**  
University of the Basque Country (EHU), Bilbao, Spain
- **Marta Schuhmacher**  
University Rovira i Virgili (URV), Tarragona, Spain
- **Ramon J. Batalla**  
University of Lleida (UdL), Lleida, Spain
- **Félix Francés**  
Technical University of Valencia (UPV), València, Spain
- **Alfredo López**  
Technical University of Madrid (UPM), Madrid, Spain

## CONFERENCE SECRETARIAT

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08034 Barcelona, Spain  
Tel: + (34) 93 400 6100 ext. 5312

## REGISTRATION FEES

General fee: **200 €**

Students (justification is required): **125 €**

Fee will cover:

- Attendance to the Conference
- Book of abstracts
- Coffee breaks and lunches

Online registration is open at [www.scarceconsolider.es](http://www.scarceconsolider.es) until **15<sup>th</sup> of October 2016**.

Payment in Euros (€), should be made in advance by **bank transfer to:**

- IBAN: ES62 0049 6793 6322 1600 9040
- SWIFT: BSCHEMXX
- Bank: Banc Santander
- Account holder: ADECIT-Associació per al Desenvolupament de la Ciència i la Tecnologia

Please add the note: NET-SCARCE conference and the name(s) of the participant(s).

## CALL for ABSTRACTS

The meeting will include invited speakers, oral communications as well as poster communications. Submission of abstracts is open for NET-SCARCE members and external assistants. A limited number of oral presentations can be accepted.

Abstracts (in English) for oral and poster presentations (1 page) should be submitted to the Conference Secretariat before **15<sup>th</sup> of September 2016**. The abstract template can be downloaded at [www.scarceconsolider.es](http://www.scarceconsolider.es).

If received late, the abstract will be selected for the poster session.

Posters can not be larger than A0 format.

The acceptance of the contributions will be communicated to the authors by the **30<sup>th</sup> of September, 2016**.

## INVITED SPEAKERS

The list of confirmed invited speakers include experts in the different topics of the conference.

▪ **Per-Erik Mellander**  
Agriculture and Food Development Authority (Teagasc), Wexford, Ireland  
*Insights into nutrient mobilisation and transfer at the catchment scale for best management practice*

▪ **Eduard Pla**  
Centre for Research on Ecology and Forestry Applications (CREAF), Bellaterra, Spain  
*Experiences in Mediterranean river basins adaptation to climate change*

▪ **Hervé Piegay**  
National Center for Scientific Research (CNRS), Lyon, France  
*Eco-Geomorphological Effects of Global Changes in Rivers*

▪ **Teresa Ferreira**  
University of Lisbon, Lisbon, Portugal  
*Past and future changes in riparian and fish communities*

▪ **Artemi Cerdà**  
Universitat de València, Valencia, Spain and Wageningen University, Wageningen, The Netherlands.  
*Agriculture and forest fires change the fate of the sediment delivery in Mediterranean Type-Ecosystems*

## VENUE

The NET-SCARCE Conference will be held at:

Institut d'Estudis Catalans  
Carrer del Carme, 47  
08001 Barcelona



**How to get to the conference venue:**  
**By airplane:** Barcelona Airport, El Prat, is located just 16 km outside the city. Detailed information can be found at: [www.aena-aeropuertos.es](http://www.aena-aeropuertos.es).

Barcelona airport is connected with the City center (Plaça Catalunya station) by bus (Aerobus: [www.aerobusbcn.com](http://www.aerobusbcn.com)), train ([www.renfe.com](http://www.renfe.com)) and metro ([www.tmb.cat](http://www.tmb.cat)).

**By train:** Barcelona has direct connections with different parts of Europe and throughout Spain, as well as a comprehensive regional and suburban rail network. Barcelona Sants Station (Sants Estació) is the city's main railway station and most trains departing from and arriving to Barcelona stop there. The station is also connected with many Spanish and foreign destinations, suburban rail and the High-Speed Train (AVE).

**By Metro:** The closest metro stations are Liceu and, secondly, Plaça Catalunya. Detailed information can be found at: [www.tmb.cat](http://www.tmb.cat)

Barcelona Tourist Information:  
[www.barcelonaturisme.com/English](http://www.barcelonaturisme.com/English).



## ACCOMODATION

Bookings should be done directly to the hotel. Conference organizing committee will not arrange the accommodation for the participants.

Special rates have been arranged with some hotels in the vicinity of the conference venue. Please refer to Workshop at reservation and pay directly to any of the following hotels:

### RESIDÈNCIA D'INVESTIGADORS - CSIC

*C/ Hospital 64, Barcelona*  
Web [www.residencia-investigadors.es](http://www.residencia-investigadors.es)  
Phone (+34) 93 443 86 10  
E-mail [investigadors@resa.es](mailto:investigadors@resa.es)

- Single room: 59 €/night
- Double room, single use: 77 €/night
- Double room: 89 €/night

Included: Breakfast and VAT  
Not included: touristic TAX

### HOTEL RAMBLAS\*\*\*

*C/Ramblas 33, Barcelona*  
Web [www.ramblashoteles.com](http://www.ramblashoteles.com)  
Phone (+34) 93 301 57 00  
E-mail [info@ramblashoteles.com](mailto:info@ramblashoteles.com)

- Single room: 65 €/night
- Double room: 80 €/night

Included: Breakfast and VAT  
Not included: touristic TAX

### HOTEL TURÍN\*\*\*

*C/Pintor Fortuny 9, Barcelona*  
Web [www.hotelturin.com](http://www.hotelturin.com)  
Phone (+34) 93 302 48 12  
E-mail [reservas@hotelturin.com](mailto:reservas@hotelturin.com)

- Single room: 88.8 €/night
- Double room, single use: 112.2 €/night
- Double room: 134.8 €/night

Included: Breakfast and VAT  
Not included: touristic TAX

### HOTEL HESPERIA METROPOL\*\*\*

*C/Ample 31, Barcelona*  
Web [www.hesperia.es](http://www.hesperia.es)  
Phone (+34) 93 310 51 00  
E-mail [hotel@hesperia-metropol.com](mailto:hotel@hesperia-metropol.com)

- Single room: 66.7 €/night
- Double room: 79.4 €/night

Included: touristic TAX  
Not Included: Breakfast, VAT

### HOTEL CONDAL\*\*

*C/Boqueria 23, Barcelona*  
Web [www.ramblashoteles.com](http://www.ramblashoteles.com)  
Phone (+34) 93 318 18 82  
E-mail [reservas@hotelcondal.es](mailto:reservas@hotelcondal.es)

- Single room: 55 €/night
- Double room: 64 €/night

Not Included: Breakfast, VAT and touristic TAX

More hotels without arrangement from the meeting organisation can be found at:

[www.barcelonaturisme.com/English](http://www.barcelonaturisme.com/English)

## MAPS and DIRECTIONS

