



ORGANIZERS



3rd SCARCE
International Conference

idaea

CSIC
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS



VNIVERSITAT
D VALÈNCIA



UNIVERSIDAD
POLITECNICA
DE VALENCIA

BRIDGING TOXICANTS, STRESSORS AND RISK-BASED MANAGEMENT UNDER WATER SCARCITY

SUPPORTING ORGANIZATIONS



26-27 November 2012
Valencia, Spain

Course: Modelling water, floods and
sediments with Tetis v8.2

29 November 2012
Valencia, Spain



FIRST CIRCULAR

www.idaea.csic.es/scarceconsolider

www.idaea.csic.es/scarceconsolider

-Objectives and topics-

The SCARCE-Consolider-Ingenio project aims to predict the relevance of global change impacts on water quality and availability in Mediterranean river basins, as well as, their impacts on the ecosystem services, human society and economy. The project assembles a multidisciplinary view through several disciplines, considering also the active involvement of Water Authorities. As both water scarcity and climate change do not respect borders, it adds an international dimension to the project and to the conference.

Water has become a precious resource on which the well-being and even the survival of future generations critically depend. Issues relating to water such as quality, quantity, availability, planning and management will have to be seriously tackled now and in the future. Further, issues on water scarcity involve protection of vulnerable water systems, sustainable development of water resources, safeguarding access to water functions and services, and protection against water related hazards (floods and droughts). As such, managing water resources for the future is very complicated and will require multi-disciplinary approaches across various problem solving research tools.

This conference is focused on the need to bridge the gap between the broad spectrum of toxicants and stressors that specially affect quality

of water under scarcity and its sustainable management, bringing them together with specialists in physical sciences, biology, health and others. The topics of 3rd SCARCE International Conference are:

- Global change and water scarcity
- Environmental Chemistry
- Hydrological and hydrogeological modelling for water resources
- Ecological stressors and morphological changes
- Risk assessment and human health
- Ecosystem services
- Safety issues and socioeconomic aspects
- Translating science to management

This SCARCE conference will provide a multi-disciplinary forum to present and discuss the many issues affecting water resources today. The meeting encourages trans-disciplinary communication on issues related to the toxicants and stressors in water and how 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-

- **Yolanda Picó**
UV, Valencia, Spain
- **Alícia Navarro-Ortega**
IDAEA-CSIC, Barcelona, Spain

- **Damià Barceló**
IDAEA-CSIC, Barcelona and ICRA, Girona, Spain
- **Ralf Ludwig**
Ludwig Maximilians Universität, München, Germany
- **Henny van Lanen**
Wageningen University, Wageningen, The Netherlands
- **Ignacio Rodríguez Iturbe**
Princeton University, New Jersey, USA
- **Gisela Umbuzeiro**
Faculdade de Tecnologia, UNICAMP Limeira, Brazil
- **Klement Tockner**
IGB, Berlin, Germany

-Conference Secretariat-

Dr. Alícia Navarro-Ortega
Dep. of Environmental Chemistry
IDAEA-CSIC
Jordi Girona 18-26
08034 Barcelona, Spain
Tel: ++ (34) 93 400 6100 ext. 5318
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-Registration Fees-

- SCARCE members: **100 €**
Non-SCARCE assistants: **250 €**
Non-SCARCE students (justification is required): **125 €**
Fee will cover:
- Attendance to the Conference
 - Book of abstracts

- Coffee breaks
- Lunches
- The Conference Gala dinner

Online registration is opened at www.idaea.csic/scarceconsolider until **31st of October, 2012.**

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

- Account number: 2100-0655-780200202561
- IBAN: ES70-2100-0655-7802-0020-2561
- SWIFT: CAIXESBB
- Bank: LA CAIXA
- Bank Address: Trias i Giro, 11 - 08034 Barcelona, Spain
- Account holder: ADECIT-Associació per al Desenvolupament de la Ciència i la Tecnologia

With the note: 3rd SCARCE International Conference and the name(s) of the participant(s).

-Call for Abstracts-

The meeting will include invited speakers and contributed key note lectures and posters. Submission of abstracts is opened to both SCARCE and non-SCARCE assistants. Preference to oral presentations will be given to those submissions considering general overviews and summaries of projects related to the subjects of the meeting. A limited number of oral presentations can be accepted.

Abstracts (in English) for oral (max. 4 pages) and poster presentations (1 page) should be submitted to the Secretariat before **October 15th, 2012**. Please use the template available at www.idaea.csic.es/scarceconsolider.

Posters must be no larger than 115 cm x 115 cm. If received late, the abstract will be selected for the poster session.

The acceptance of the contributions will be communicated to the authors on **October 22th, 2012** the latest.

-Invited Speakers-

• Ramón Llamas

Water Observatory, Botin Foundation
Madrid, Spain

New paradigms in global water policy: Spain and Guadalquivir river basin cases

• Ralf Ludwig

Ludwig Maximilians Universität
München, Germany

Climate change induced risks to water security in the Mediterranean - findings from the CLIMB project

• Teodoro Estrela Monreal

Confederación Hidrográfica del Júcar
Valencia, Spain

Effects of climate change on water resources in the Spanish Mediterranean basins

• Ettore Capri

Università Cattolica del Sacro Cuore
Piacenza, Italy

Chemical multistressors in groundwater dependent ecosystem: the fontanili case studies

• Miguel de la Guardia

University of Valencia
Valencia, Spain

Low cost monitoring devices for assessing chemical quality of river waters

• Enrique Playan

Estacion Experimental de Aula Dei-CSIC
Zaragoza, Spain

The European Joint Programming Initiative on Water

• Gisela Umbuzeiro

Faculdade de Tecnologia, UNICAMP
Limeira, Brazil

The need of scientific based regulations of chemicals in water: A proposal for Brazil

• Henny van Lanen

Wageningen University
Wageningen, The Netherlands

Drought, Water Scarcity and Global Change: Experiences from International Projects

-Venue-

The 3rd SCARCE international conference will be held at the:

Col.legi Major Rector Peset
Plaza Horno de San Nicolás, 4
46001 Valencia
www.uv.es/cmrrpeset

How to get to the conference venue:

By airplane: Valencia airport (Manises) is 8 km from the conference venue. The complex can be reached by metro, bus or taxi. Detailed information can be found at <http://www.aeropuertodevalencia.net>

By train: The main train station (Joaquin Sorolla) is at short distance from the city center and the conference venue. Detailed information can be found at www.renfe.es.

By metro/bus: the conference venue is located in the old city center of Valencia. It is surrounded by the metro lines 1, 3 and 5. Depending of which is the used line, the closer metro stations are Túria, A. Guimerà, Xàtiva and Colón. All of them at 15-20 min. walking from the conference venue. Several bus lines are close to the conference venue or in the surroundings. From the airport, you should take the metro lines number 3, 5 or 8 and stop at any of the mentioned stations. You can also use the bus line 150.

Detailed information can be found at <http://www.metrovalencia.es>

Valencia Tourist Information: <http://www.turisvalencia.es>

-Social Programm-

There will be a touristic route around the historical centre of Valencia before the conference dinner.

The conference dinner will take place on Monday 26th of November at the restaurant:



Restaurante de Ana

Plaza de Tetuán, 18 bajo izq
46003 Valencia
Tel. 963 509 109

info@restaurantedeana.com
www.restaurantedeana.com

-Accommodation-

Bookings should be made 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 surrounding

of the conference venue and the centre of Valencia. Refer to SCARCE meeting at reservation and pay directly to any of the following hotels:

COL.LEGI MAJOR RECTOR PESET

Pl. Horno de San Nicolás, 4
Phone: (+34) 963 166 000
Fax: (+34) 963 166 050
www.uv.es/cmrrpeset

e-mail: Yolanda.Pico@uv.es
Contact person: Yolanda Pico

- Double room, single use: 40€/night
- Double room: 80€/night

Included: Breakfast and VAT

SH INGLÉS

Marqués de Dos Aguas, 6
Phone: (+34) 96 351 64 26
www.inglesboutique.com

- Double room, single use: 83€/night
- Double room: 96€/night

Included: Breakfast Buffet and VAT

Last day for booking: 4th June

CHILL ART HOTEL JARDIN BOTANICO

Dr. Peset Cervera, 6
Phone: (+34) 96 315 40 12
Fax: (+34) 96 315 34 08
www.hoteljardinbotanico.com

- Double room: 80€/night

Included: Breakfast Buffet and VAT

PETIT PALACE BRISTOL

L' Abadía de San Martín, 3
Phone: (+34) 963 945 100
Fax: (+34) 963 943 850
www.hthoteles.com

E-mail: bri@hthoteles.com

- Double room, single use: 73€/night
- Double room: 80€/night

Included: Breakfast and VAT

Last day for booking: 1st october

More hotels without arrangement from the meeting organisation can be found at: <http://www.turisvalencia.es>

-Course-

Modelling water, floods and sediments with Tetis v8.2

This course is aimed to professionals and researchers interested in gaining more skills on the use of a distributed hydrological model for continuous and event simulation of water and sediments at catchment scale, with a special focus in the last version of Tetis model.

It will be organized by the Research Group in Hydrological and Environmental Modelling and it will take place on Thursday, **29th November** at the Technical University of Valencia (Camino de Vera s/n, 46022 Valencia, Spain), The official language will be Spanish.

More information at the web page lluvia.dihma.upv.es or by sending an e-mail to gimhaupv@gmail.com.

-Maps and Directions-

