



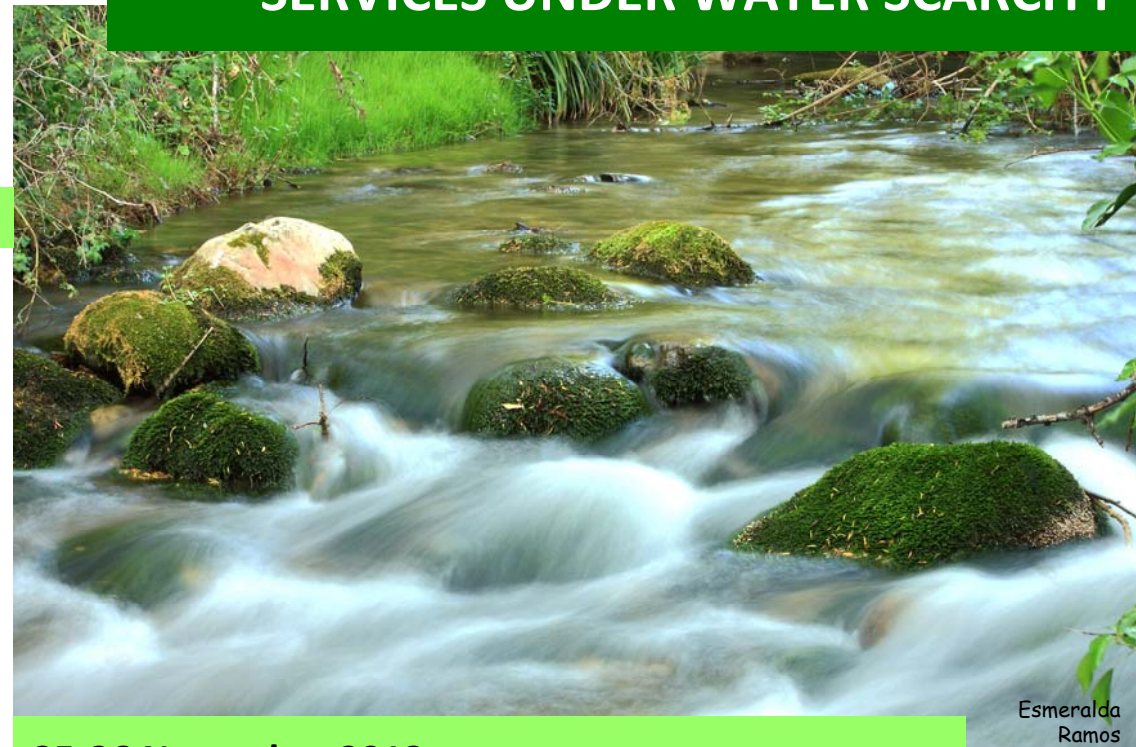
4th SCARCE International Conference

ORGANIZERS

INSTITUTO DE CIENCIAS MARINAS
DE ANDALUCÍA



**TOWARDS A BETTER UNDERSTANDING
OF THE LINKS BETWEEN STRESSORS,
HAZARD ASSESSMENT AND ECOSYSTEM
SERVICES UNDER WATER SCARCITY**



Esmeralda Ramos

SUPPORTING ORGANIZATIONS



**25-26 November 2013
Cádiz, Spain**

Objectives and topics

The SCARCE Consolider Ingenio project that aims to understand the impact of global change on water quality and availability and its effect on the ecosystem services, human being and economy. This project is focused on four Mediterranean river basins in order to improve the knowledge at different scales. A multidisciplinary approach has been developed to get a whole vision of water problems.

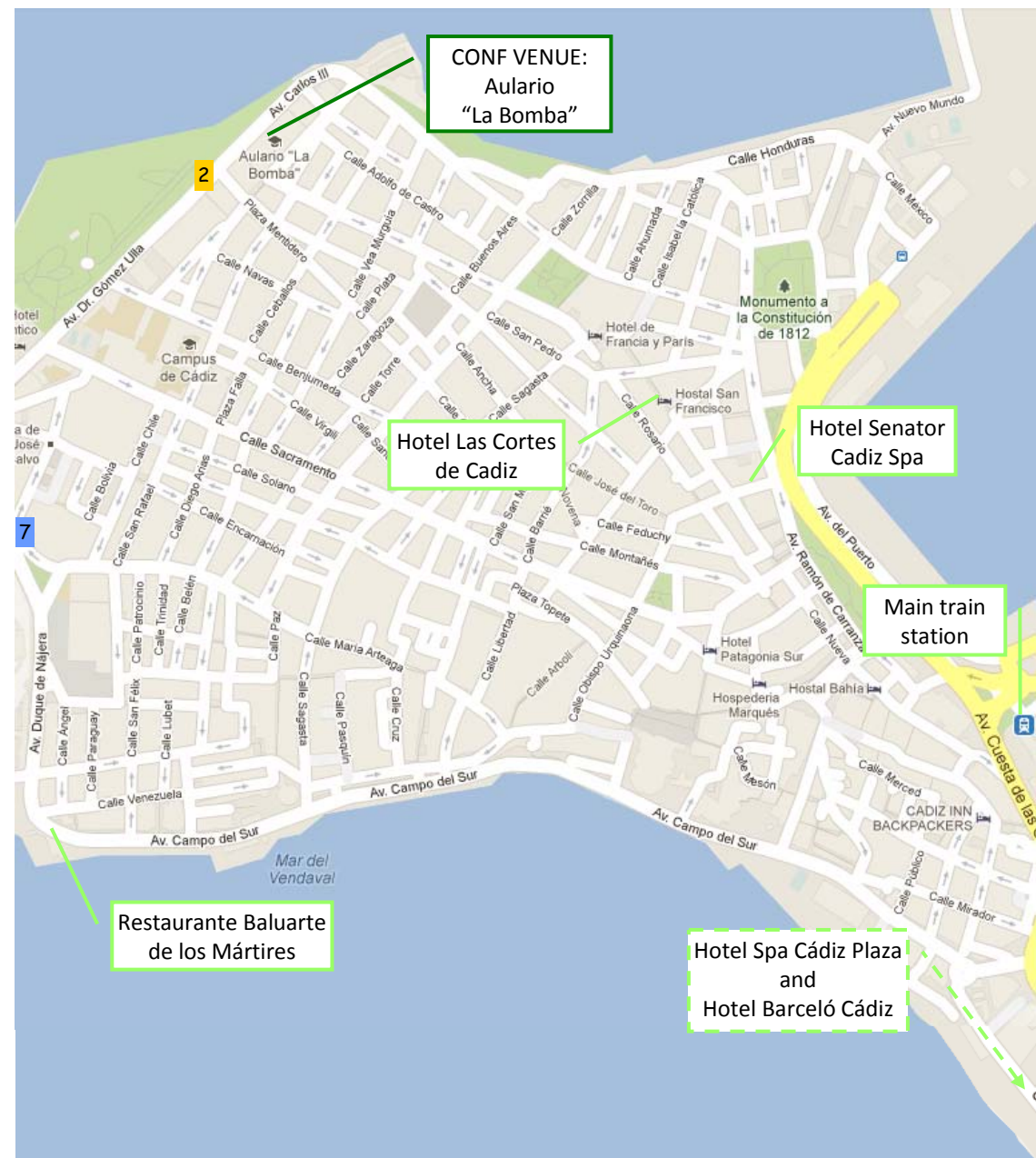
The water is an appreciated resource for human being and its scarcity or lack of quality is a big problem for society. In the EU context the Water Framework Directive (WFD) has as an objective to get a good ecological status for all EU waters and to get an integrated water management. To reach these objectives it is necessary to develop and apply techniques which give information about the fate, behaviour and distribution of contaminants in the aquatic environment and their associated effects on organisms, population, communities, ecosystem functions and human health. Also, freshwater ecosystems provide benefits such as the supply of drinking water, pollution amelioration and flood dissipation, among others. The bridging between hazard assessment and ecosystem services can provide new tools to manage water resources in global change scenarios.

The topics of the 4th SCARCE International Conference are:

- Monitoring network for chemical and biological data. Tools for integration and improvement of risk assessment
- Groundwater and surface hydrology. Effect of global change
- Assessment of water quality and ecosystem functions. Tools for water management
- Development of models and integration tools to assess and manage water resources
- Freshwater ecosystem services and integration in river basin management plans. Approaches for improving risks under water scarcity conditions
- Socioeconomic issues and water management

This 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.

Maps and Directions



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 surroundings of the conference venue and the beach area of Cádiz. Refer to SCARCE conference at reservation and pay directly to any of the following hotels:

SENATOR CÁDIZ SPA HOTEL****

Rubio y Díaz, 1

Phone: (+34) 956 20 02 02

www.senatorcadizspahotel.com

e-mail: senator.cadiz@playasenator.com

Contact person: Marisa Viquez

- Double room, single use: 59 €/night
- Double room: 75 €/night

Included: Breakfast and VAT

Senator will have a special attention with the SCARCE participants, including a SPA session.

Last Day for booking: 15th September

HOTEL LAS CORTES DE CÁDIZ ***

Calle San Francisco, 9

Phone: (+34) 956 22 04 89

www.hotellascortes.com

e-mail: alberto@hotellascortes.com

Contact person: Alberto Lozano

- Single room: 53,50 €/night + 10%VAT
- Double room: 71,00 €/night + 10%VAT
- Double room, single use: 60,00 €/night + 10%VAT

Included: Breakfast

HOTEL SPA CÁDIZ PLAZA ***

Glorieta Ingeniero La Cierva, 3

Phone: (+34) 956 07 91 90

FAX: (+34) 956 07 91 48

www.hotelcadizplaza.com

e-mail: direccion@hotelcadizplaza.com

Contact person: Noelia Martínez

- Double room, single use: 69 €/night

- Double room: 79 €/night

Included: Breakfast and VAT

HOTEL BARCELÓ CÁDIZ****

Av de Andalucía, 89

Phone: (+34) 956 24 26 00

www.barcelo.com

email: cadiz@barcelo.com

Contact person: Gemma Pérez

- Double room, single use: 89 €/night
- Double room: 95 €/night

Included: Breakfast and VAT

More hotels without arrangement from the meeting organisation can be found at: www.cadizturismo.com

Scientific Committee

Julián Blasco

ICMAN-CSIC, Puerto Real, Spain

Alicia Navarro-Ortega

IDAEA-CSIC, Barcelona, Spain

Damià Barceló

IDAEA-CSIC, Barcelona and ICRA, Girona, Spain

Ralf Ludwig

Ludwig Maximilians Universität, München, Germany

Ignacio Rodríguez Iturbe

Princeton University, New Jersey, USA

Klement Tockner

IGB, Berlin, Germany

Fee will cover:

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

Online registration is opened at www.scarceconsolider.es until **31st of October, 2013.**

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

- IBAN: ES70-2100-0655-7802-0020-2561

- SWIFT: CAIXESBB

- Bank: LA CAIXA

- Account holder: ADECIT–Associació per al Desenvolupament de la Ciència i la Tecnologia

With the note: 4th SCARCE International Conference and the name(s) of the participant(s).

Conference Secretariat

Dr. Alicia Navarro-Ortega

Dep. of Environmental Chemistry

IDAEA-CSIC

Jordi Girona 18-26

08034 Barcelona, Spain

Tel: ++ (34) 93 400 6100 ext. 5312

e-mail: alicia.navarro@idaea.csic.es

Registration Fees

SCARCE members: **200 €**

Non-SCARCE assistants: **300 €**

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

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, 2013**. Please use the template available at www.scarceconsolider.es.

Posters must be no larger than A0 format. 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 25th, 2013** the latest.

Special Issue

The works presented in the 4th SCARCE International Conference can be submitted to the Special Issue: Hazard assessment and ecosystem services in water scarcity risks for Journal Science of the Total Environment. The submission will be opened until 30th of March 2014. The title and authors should be submitted to the Conference Secretariat before 15th of January 2014.

Invited Speakers

- **Ralf Ludwig**
Ludwig Maximilians Universität München, Germany
Climate Change, Water and Security in the Mediterranean - implications for science and policy (a perspective from the CLIMB project)
- **Enrique Playan**
Estacion Experimental de Aula Dei-CSIC, Zaragoza, Spain
The Joint Programming Initiative on Water: a Pilot call for proposals
- **Matteo Zampieri**
Centro Euro Mediterraneo sui Cambiamenti Climatici, Bologna, Italy
Trend and variability of spring river discharge in the main Alpine basins
- **Antoni Ginebreda**
IDAEA-CSIC, Barcelona, Spain
From chemical exposure to ecosystem effects: a critical view of the environmental risk assessment process

- **Vicenç Acuña**
ICRA, Girona, Spain
Integration of ecosystem services in management of freshwater ecosystems
- **Yolanda Picó**
University of Valencia, Valencia, Spain
Monitoring Perfluorinated Compounds in Xúquer River
- **Francisco J. Elorza**
Technical University of Madrid, Madrid, Spain
Modelling Hydrological Impacts of Global Change: Groundwater-Surface Waters Aspects
- **Belinda Huerta/Sara Rodríguez**
ICRA, Girona, Spain
Uptake and Bioaccumulation of Endocrine Disruptors and Pharmaceuticals in Biofilm, Macroinvertebrates and Fish in four Mediterranean Rivers
- **Juan Miguel González**
Ministry of Economy and Competitiveness, Madrid, Spain
The role of e-Infrastructures: Linking biodiversity and ecosystems through the deployment of new water quality technologies in river basins

Venue

The 4th SCARCE international conference will be held at:

Aulario La Bomba
Paseo Carlos III, 3
11003 Cádiz

How to get to the conference venue:

By airplane: Jerez de la Frontera airport is 47 km from Cádiz and it can be reached by train (C1 line) and bus (M-050 line) in about one hour. Sevilla airport is 125km from Cádiz. Sevilla and Cádiz are connected by train in less than two hours. Detailed information can be found at www.aena-aeropuertos.es/csee/Satellite/Aeropuerto-Jerez and www.sevilla-airport.com

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

By bus: lines 2 (Parque Genovés) and 7 (Avd. Duque de Nájera) stops are close to the conference venue.

Cádiz Tourist Information:
www.cadizturismo.com

Social Program

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

The conference dinner will take place on Monday 25th of November at:

Restaurante Baluarte de los Mártires
Avda. Campo del Sur, s/n
Bahía de Cádiz, Cádiz
Phone: (+34) 956 21 10 68
info@cateringelfaro.com
www.baluartedelosmartires.com

