

# RIVER BASIN MANAGEMENT 2019

**WIT**  
CONFERENCES  
Call for Papers



**10<sup>th</sup> International Conference on River Basin  
Management - Including all aspects of Hydrology,  
Ecology, Environmental Management, Flood Plains  
and Wetlands**

**8 – 10 May 2019 | Alicante, Spain**

**Organised by**

Wessex Institute, UK

University of Alicante, Spain

**Sponsored by**

WIT Transactions on Ecology and  
the Environment

International Journal of Sustainable  
Development and Planning

[www.witconferences.com/rbm2019](http://www.witconferences.com/rbm2019)

## River Basin Management 2019 is the 10<sup>th</sup> Conference in the series which marks the growing international interest in the planning, design and management of river basin systems.

River Basin Management includes all aspects of Hydrology, Ecology, Environmental Management, Flood Plains and Wetlands. Riverine systems are coming under increasing pressure due to anthropological and natural causes. Prominent amongst the problems affecting them is water scarcity and quality, which requires the development of improved methods for better river management.

Changes in the landscape, use of the land and climate conditions lead to a continuous revaluation of river basin management objectives. This requires the development of better measuring tools as well as the use of increasingly accurate computer software.

Catastrophic events such as floods and associated landslides, erosion and sedimentation can have serious effects not only on life and property but also on the basin ecology.

Frequently these problems are aggravated by the unforeseen consequences of man made changes in the river basin. This has led in recent years to work on river restoration and rehabilitation with various degrees of success.

The first River Basin Management conference took place in Cardiff, UK in 2001, followed by meetings in Las Palmas, Gran Canaria (2003); Bologna, Italy (2005); Kos, Greece (2007); Malta (2009); Riverside, California (2011); The New Forest, UK (2013), home of the Wessex Institute; A Coruna, Spain (2015) and Prague, Czech Republic (2017).

The objective of this series of conferences is to bring together practitioners and researchers in academia and industry in the hope that their interaction will foster mutual understanding and lead to better solutions for river basins.

### Conference Topics

The following list covers the topics to be presented at the meeting. Papers on other subjects related to the objectives of the conference are also welcome.

**Water resources management**

**Flood risk management**

**Ecological and environmental impact**

**Erosion and sediment transport**

**Hydrological modelling**

**River restoration and rehabilitation**

**Hydropower issues and development**

**River and watershed management**

**Water quality issues**

**Organic contamination management**

**Agricultural pollution**

**Transboundary water issues**

**Estuaries and deltas**

**Climate change**

**Water quality and health**

**Socio-economic issues**

**Water governance and policies**

**Data acquisition, management and analysis**

**Hydraulic structures**

**Experimental measurements**

**Rain water management**

**Water energy nexus**

**Ecosystem services**

**Extreme hydrological phenomena**

**Drought risk management**

**Hydraulic modelling**

**Geographical information systems**

**Remote sensing in hydrology**

**Water law**

## Benefits of Attending

**Publication of Papers** Papers presented at River Basin Management 2019 will be published by WIT Press in a Volume of WIT Transactions. Selected papers will appear in an Issue of the International Journal of Sustainable Development and Planning instead.

**Reviews** Abstracts and papers are reviewed by members of the International Scientific Advisory Committee and other experts.

**Open Access** WIT Press is an advocate of Open Access which offers maximum dissemination of your work. All WIT Transactions and Journal papers can be downloaded for free of charge from the WIT eLibrary ([www.witpress.com/elibrary](http://www.witpress.com/elibrary)).

**Indexing and Archiving** Papers presented at Wessex Institute conferences are referenced by CrossRef and have appeared in notable reviews and databases. Papers are submitted to various indexing services such as Web of Science, Google Scholar and Scopus. All conference books are listed in the British Library and American Library of Congress.

**Conference Proceedings** At registration delegates will be given copies of the papers presented at the Conference on a USB Flash drive. Following the Conference, delegates will receive an electronic copy of the final publication in which their paper has been published.

**Digital Archive** All conference papers are archived online in the WIT eLibrary ([www.witpress.com/elibrary](http://www.witpress.com/elibrary)) where they are permanently and freely available to the international scientific community.

**Networking** Participants can present their research and interact with experts from around the world, as part of a unique community.

**Reduced Fee for PhD Students** The Wessex Institute believes in the importance of encouraging PhD students to present and publish innovative research at its conferences. As a result, the Institute offers PhD students a much reduced conference fee.

## Conference Chairmen

**S Mambretti**  
Polytechnic of Milan, Italy  
*Member of WIT Board of Directors*

**J Melgarejo**  
University of Alicante, Spain

## International Scientific Advisory Committee

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## Location

Located on the east coast of Spain and a part of the Costa Blanca, Alicante is a city which combines history with a lively coastline and beaches. The popular Postiguet beach and excellent climate attract many tourists every year; however the city has much more to offer with an old centre containing historic churches, art and archaeological museums, and traditional narrow shopping streets with many bars, restaurants and cafes. Close to the old town, the dramatic Santa Barbara Castle offers excellent views of the city and coastline from its elevated position, and is one of Spain's largest medieval fortresses. The city also plays host to many varied events and "fiestas" throughout the year.

## Venue

The meeting will take place at the conference facilities the University has in the city centre. Fully restored in recent years, the building is an excellent example of traditional Spanish architecture and is presently used to host events and university activities.



## Submission Information

**Abstracts of no more than 300 words should be submitted as soon as possible.**

Abstracts should clearly state the purpose, results and conclusions of the work to be described in the final paper. Final acceptance will be based on the full-length paper, which if accepted for publication must be presented at the conference.

The language of the conference will be English.

### Online submission:

[www.witconferences.com/rbm2019](http://www.witconferences.com/rbm2019)

### Conference Secretariat

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For more information visit: [www.witconferences.com/rbm2019](http://www.witconferences.com/rbm2019)