

Location

Located within the vast river valley of the Bagni river, rich in woodland while near to the sea, the Luigiane baths is the oldest and most renowned health resort of Calabria. The fame of the curative power of sulphurous waters of Guardia goes back centuries: Plinio the Elder described the near-by Cetraro (Temesa) which was noted through the Middle Ages as "acquae calidae Tempae" then as "acquae putidae" and again as " fons calidus ". The first document of the evidence of the therapeutic use of these waters is dated 1446. It is a letter in which the future St. Francis of Paola thanks the noble-man Simon of Alimena for the charity bestowed to a woman, who having fallen ill was sent to Guardia baths.

The Terme Luigiane are the centre of many places, possible destinations for short trips: The Sila and the Byzantine Route, the Magna Graecia Route, the Etnie Route ...

(source: <http://www.termeluigiane.it>)

Conference Venue

The conference will take place in the Grand Hotel conference hall of the Luigiane spa

Submission:

corso.guardia.unical@gmail.com

Web-site:

<http://icirbm-guardia.unical.it/>



Grand Hotel delle Terme - Guardia Piemontese (CS)



Scoglio della Regina - Guardia Piemontese (CS)



Santuario di S. Francesco di Paola - Paola (CS)

Conference Secretariat

University of Calabria - Laboratorio LaMPIT (Lab. di Modellistica numerica per la Protezione Idraulica del Territorio),
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FIRST ANNOUNCEMENT

ICIRBM - Guardia 2020

41st Edition of

Italian Conference on Integrated River Basin Management

Seminari tecnico-scientifici su Tecniche per la Difesa del Suolo e dall'Inquinamento



Torre di Fiuzzi - Praia a Mare (CS)

17-20 June 2020

**Luigiane spa (Terme Luigiane)
Guardia Piemontese (Acquappesa, Prov. Cosenza)
Italy**

Conference Chairmen

*Giuseppe Frega
University of Calabria*

*Francesco Macchione
University of Calabria*



Scientific Advisory Committee
In progress

OVERVIEW

The forty-first **Italian Conference on Integrated River Basin Management (ICIRBM-Guardia 2020)** will take place in Luigiane spa of Guardia Piemontese (Acquappesa, Prov. Cosenza, Italy) co-organised by University of Calabria, Centro Studi Acquedotti e Fognature, Associazione Idrotecnica Italiana – Sezione Calabria.

ICIRBM-Guardia Conference was first held in 1980; since then, a yearly meeting has been organized. In this lapse of time, 41 volumes were published, edited by the Bios publishing house, with a total amount of pages of about 24,000.

It is the most enduring event taking place in Italy in the field of river basin management. In 1980, the discipline was dealt with in a very original and inter-disciplinary way that accounted for both physical and environmental aspects.



The organizers of the ICIRBM-Guardia Conferences have always invited researchers in the field of Hydraulics and Hydraulic Constructions, but also coming from other branches of Engineering, Architecture and Natural Sciences, as the proceedings volumes evidence.

The annual meeting at the Luigiane Spa in Guardia Piemontese is a much awaited event for researchers, doctorate students and professionals. It is a good opportunity to talk, stay together and share experiences.

Through this event, Italian experts in river basin management contribute to give an answer to the needs of safety and sustainable development that characterize many areas all over Italy.

SESSIONS:

Wednesday 17 June

1st and 2nd Session: Assessment and management of flood risks

Thursday 18 June

3rd Session: Flood and landslide risk: hydrological, hydrogeological, geological and geotechnical aspects

4th Session: Defence and management of coastal zones

Friday 19 June

5th and 6th Session: Qualitative and quantitative aspects of water resources

Saturday 20 June

7th Session: Hydraulic and environmental aspects of urban and territorial planning

CALL FOR PAPERS

The Conference programme includes a series of invited presentations. Papers by individual participants are also welcome.

Abstracts of no more than 300 words should be submitted as soon as possible for individual participants.

Abstract should not exceed 300 words and it must indicate the problem, methods, results and conclusions. The abstract should be written both in Italian and English. Final acceptance will be decided by review process of the full paper. If accepted, the paper must be presented at the conference. The final paper should include a title and an abstract both in Italian and in English. The abstract can be submitted on the website <http://icirbm-guardia.unical.it/> Full text should preferably be written in Italian. The language of the conference will be Italian.



REVIEWS

Both invited and submitted abstracts and papers are reviewed by members of the Scientific Advisory Committee and other experts.

CONFERENCE PROCEEDINGS

Papers presented at the Italian Conference on River Basin Management 2020 will be published by Bios Publisher in the 41st Volume of Proceedings.

The Proceedings book will have both ISBN and ISSN identifiers.

The Bios Publisher will apply for indexing the Proceedings to Scopus and Google Scholar.

At registration participants will be given a copy of the Proceedings book.

REDUCED FEES FOR PhD STUDENTS

PhD students are encouraged to participate and present innovative papers. They will thus be allowed to attend to the Conference with a remarkable fee reduction.

TRAINING CREDITS FOR PROFESSIONALS

The registration of the engineers and geologists belonging to the relative Professional Orders, allows to attain the recognition of 23 credits (attendance to all conference sessions), for continuing professional training.

CONFERENCE TOPICS

*Flood risk management
River basin management
Remote sensing in hydrology
Hydrology and climate change
Hydraulics
River engineering
Numerical modelling and software
Hydraulic structures
Aqueducts and pipe networks
Urban drainage
Water resources management
Coastal and maritime engineering
Erosion and sediment transport
Geology and geotechnical engineering
Landslide risk
Water quality
Wastewater treatment
Environmental impact
Geographical information systems
Water governance and policies
Sustainable Development and Planning*