

## 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](mailto: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)

## Col Patrocinio di



Società Idrologica Italiana  
Italian Hydrological Society



## Conference Secretariat

University of Calabria - Laboratorio LaMPIT (Lab. di Modellistica numerica per la Protezione Idraulica del Territorio),  
Cubo 42 B, VI piano, 87036 Arcavacata di Rende (CS), Tel. 0984 – 496562/496563/496626,  
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FIRST ANNOUNCEMENT

# ICIRBM - Guardia 2020

## 41<sup>st</sup> 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.



Parco Nazionale della Sila (CS)



Centro Storico di Cosenza

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**

**1<sup>st</sup> and 2<sup>nd</sup> Session:** Assessment and management of flood risks

**Thursday 18 June**

**3<sup>rd</sup> Session:** Flood and landslide risk: hydrological, hydrogeological, geological and geotechnical aspects

**4<sup>th</sup> Session:** Defence and management of coastal zones

**Friday 19 June**

**5<sup>th</sup> and 6<sup>th</sup> Session:** Qualitative and quantitative aspects of water resources

**Saturday 20 June**

**7<sup>th</sup> 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.



Parco Nazionale della Sila (CS)



Parco Nazionale della Sila (CS)

## 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 41<sup>st</sup> 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*