

# 2<sup>nd</sup> Announcement

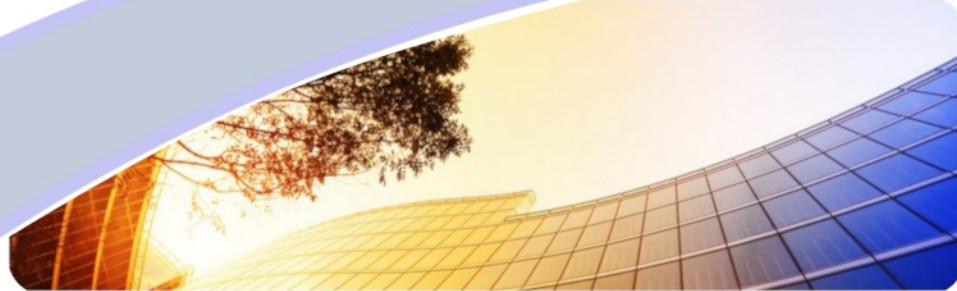


The Italian Chapter of the International Association of Hydrogeologists (IAH) is pleased to invite you to the 4<sup>th</sup> Edition of FLOWPATH, the National Meeting on Hydrogeology. FLOWPATH Conference is a key biennial event for Italian hydrogeologists to exchange ideas and knowledge on different groundwater topics.

The participation to the conference will provide professional credits ("crediti formativi") to participants. Accreditation to Consiglio Nazionale dei Geologi has been requested.

## The objectives of the conference are:

- To promote dialogue and exchange of scientific knowledge among young hydrogeologist;
- To deepen the theoretical and practical aspects of our understanding of groundwater;
- To update all the stakeholders, researchers and professionals on recent challenges in the hydrogeological sciences;
- To encourage researchers, professionals and administrators to contribute to the improvement of water resources management.



Milano, 12<sup>th</sup> - 14<sup>th</sup> June 2019  
Regione Lombardia - Sala Testori  
Piazza Città di Lombardia

Milan has evolved and expanded its horizons to become an internationally renowned economic centre, the capital of Italian fashion, design and art thanks to its precious heritage sites and new architectures.

The square, called "Piazza Città di Lombardia", is the largest covered square in Europe. The project involved advanced technological solutions, such as a cold beam system and ground water heat pumps, designed for both heating and cooling purposes.

## INSTRUCTIONS FOR AUTHORS

**Oral communications:** Slides must be written in English. Speech can be in English or Italian (English warmly recommended). Each oral presentation will have a mandatory duration of 12 minutes, followed by 3 minutes for questions and discussion. Presentation files (in .ppt, .pptx or .pdf) have to be delivered by 8:45 (morning sessions) or 13:45 (afternoon sessions).

**Poster:** Posters must be in English. Max dimensions are 120 cm in height and 90 cm in width. Authors are kindly asked to put up their posters before 09:00 on the day their session is scheduled; posters will be displayed all day long. Presenting author must be present at his/her poster during morning and afternoon poster sessions, presence during poster coffee break is recommended. A 3 minutes oral explanation of the poster is required during poster viewing by the conveners. A prize will be awarded to the best poster in each session.

## PUBLICATION OF ABSTRACTS

The Abstracts volume will be published online on the conference website.

After the conference, all authors of accepted contributions will be asked to submit a short paper (about 2500 words of length) to *Acque Sotterranee - Italian Journal of Groundwater* (AS/IT JGW), dealing with the topic presented during the conference. AS/IT JGW is an open access (DOAJ) and ESCI (WoS) indexed journal, with free submission and a double-blind peer-review process.

## INFO AND REGISTRATION FEES

Registration fee includes: IAH membership (except for foreign delegates and who is already a member), coffee breaks, lunches, field trip, gala dinner and conference informative material.

The registration will be valid only after providing the payment receipt to [flowpath@iahitaly.it](mailto:flowpath@iahitaly.it) [e-mail object: "Registration fee - First Name Surname"].

Payment by Bank transfer to the following Bank account:  
ASSOCIAZIONE INTERNAZIONALE DEGLI IDROGEOLOGI COMITATO ITALIANO  
C/O UNIVERSITA' LA SAPIENZA - PIAZZALE ALDO MORO, 5 - 00185 ROMA (RM)  
IBAN IT09N0335901600100000068064 - BIC BCITITM  
BANCA PROSSIMA - FILIALE: 05000 - PIAZZA PAOLO FERRARI 10, 20121 MILANO (MI)  
PAYMENT DESCRIPTION: FLOWPATH 2019 Meeting Registration fee.

**Failure to register, automatically implies that the abstract will not be included in the program and the oral speech will be cancelled.**

Online registration form is available at  
<http://www.flowpath2019.polimi.it/registration/registration-form/>

Online registration system will be closed by 31<sup>st</sup> May 2019. Once it is no longer available, please visit the on-site registration desk. For any question or information contact [flowpath@iahitaly.it](mailto:flowpath@iahitaly.it)

## ACCOMODATIONS

Milan offers many options to stay during the conference. On the conference website you can find a short selection of accommodations that offered special prices for the event: <http://www.flowpath2019.polimi.it/venue/suggested-accommodations/>  
Participants should contact directly the accommodations to book; when booking, please specify to be a Flowpath 2019 participant. The Organizing Committee has no responsibility for changes in prices and availability of rooms. Because of the concurrence of other important events in Milan, the demand for accommodations is very high in June, so it is strongly suggested to make hotel reservation as soon as possible.

## PRE-CONGRESS EVENTS



**ECHN**  
Hydrogeology over the groundwater table: field measurements, data management and modelling in the vadose zone

Before the Flowpath Conference, the Early Career hydrogeologists of the ECHN-Italy group will deliver a practical course on the hydrogeology of the vadose zone.

The course will take place on Monday 10<sup>th</sup> June and Tuesday 11<sup>th</sup> June. The program includes field activities at an equipped monitoring site and face-to-face lectures at the premises of the Department of Earth Sciences "A. Desio" of the University of Milan.

The course focuses on field data collection, management, processing, and application of data analytics tools for modelling the water budget in the unsaturated zone and for generating automated reports.

The course is addressed to MSc and PhD students, post-docs, early career hydrogeologists, freelancers and technicians of the water sector, with the aim of providing useful tools to enhance data collection and processing.

The detailed program of the course and the instructions for the registration are available online at:  
<http://www.flowpath2019.polimi.it/events/echn-course/>.



**AMIIGA**  
Regional final conference

We are glad to announce that the regional event of AMIGA project will be held in Milan on 11<sup>th</sup> June 2019 as parallel event of Flowpath 2019.

Please save the date!

The event will be held at the last floor of the Lombardy Region skyscraper. In the morning, the conference will focus on the definition and implementation of strategies for the management of groundwater contamination in Functional Urban Areas. A training seminar on the Management Plan and the remediation measures defined for the North-Western area of Milan (Pilot Action) will follow in the afternoon.

The event is organized by Lombardy Region in cooperation with Politecnico di Milano. A detailed program and instructions for the registration to the event will follow in next weeks.

# PROGRAMME

## Thursday, June 13<sup>th</sup>, 2019

### FRACTURED ROCKS AND KARSTIC SYSTEMS

**Conveners:**

Prof. F. Fiorillo - *Università degli Studi del Sannio*  
Dr. L. E. Zuffiani - *CNR-IRPI Bari*

9:00-09:30 Keynote lecture

Prof. Andrea-Navarro Bartolomé - *University of Malaga*

9:30-10:30 4 Oral presentations

10:30-11:00 Poster coffee break

11:00-12:30 6 Oral presentations

12:30-13:00 Poster session

13:00-14:00 Lunch

### URBAN HYDROGEOLOGY

**Conveners:**

Dr. R. Rossetto - *Scuola Sup. Universitaria Sant'Anna Pisa*  
Dr. M. Marchesi - *IT2Europe S.r.l.*  
Dr. S. Stevenazzi - *Università degli Studi di Milano*

14:00-14:30 Keynote lecture:

Dr. Daniel Feinstein - *United States Geological Survey*

14:30-16:00 6 Oral presentations

16:00-16:30 Poster coffee break

16:30-17:30 4 Oral presentations

17:30-18:00 Poster Session

18:00-19:00 ECHN Discussion Panel. Get to the point - Experiences and perspective on hydrogeological modelling: the point of view of modelers and users

## Friday, June 14<sup>th</sup>, 2019

9:00-16:00 Field Trip:

### GROUNDWATER AND SURFACE WATER...A SINGLE RESOURCE

The field trip will offer the unique opportunity to take a boat trip on the Naviglio Grande di Milano to explore Milano canals, the Ticino Park and the agricultural area of Villorosi Consortium. After having lunch in a typical farmhouse, the field trip will continue by bus visiting a lowland spring and some irrigation structures. Expected arrival at Malpensa Airport and Milano Central Railway Station.



The fourth edition of Flowpath received 100 abstracts; all these abstracts underwent a rigorous peer review process by the members of the Scientific Committee and were assigned to oral (42) or poster (58) presentation.

The Authors involved come from Universities, Public Bodies, Private Companies of Italy and many other countries such as Morocco, Australia, Belgium, Croatia, Czech Republic, Greece, Hungary, Israel, Nigeria, Pakistan, Spain, Switzerland, The Netherlands.

Each session will start with the Keynote lecture, held by international experts.

## Wednesday, June 12<sup>th</sup>, 2019

8:00-8:45 Registration

8:45-9:00 Opening Session

### GROUNDWATER RESOURCE MANAGEMENT

(session supported by the ENeRAG H2020 Project)

**Conveners:**

Prof. G. P. Beretta - *Università degli Studi di Milano*

Dr. P. Casciano - *Regione Lombardia*

Dr. M. Rotiroli - *Università degli Studi di Milano-Bicocca*

9:00-09:30 Keynote lecture:

Dr. Manuel Sapiano - *Malta's Energy and Water Agency*

9:30-11:00 6 Oral presentations

11:00-11:30 Poster coffee break

11:30-13:00 5 Oral presentations

13:00-13:30 Poster session

13:30-14:30 Lunch

### CONTAMINATED SITES

**Conveners:**

Prof. D. De Luca - *Università degli Studi di Torino*

Dr. M. Pellegrini - *Syndial S.p.A.*

Dr. I. La Licata - *Politecnico di Milano*

14:30-15:00 Keynote lecture:

Dr. Marco Bianchi - *British Geological Survey*

15:00-16:30 6 Oral presentations

16:30-17:00 Poster coffee break

17:00-18:00 4 Oral presentations

18:00-18:30 Poster Session

18:30-19:15 IAH Italian Chapter General Assembly

20:45 Conference dinner - During the dinner, the 4<sup>th</sup> Zuppi prize for the best PhD thesis on hydrogeological subjects issues will be awarded

## CONFERENCE VENUE

### Palazzo Regione Lombardia

#### Conference room Testori

Address: Piazza Città di Lombardia n. 1

Palazzo Lombardia, seat of the Regional Council, consists of a 161 meters tower of reinforced concrete, steel and glass, surrounded by a complex system of curvilinear buildings, from 7 to 8 floors high. The buildings' ground floors contain cultural, entertainment and service functions, connected by a leaf-shaped square.

The square on which the building rises, called "Piazza Città di Lombardia", is the largest roofed square in Europe and hosts several activities. The area includes more than 26,000 m<sup>2</sup> of underground parking, 3,300 m<sup>2</sup> of areas under reforestation and 2,700 m<sup>2</sup> of rooftop garden.

The **Auditorium Testori**, the location of Flowpath 2019 conference, is situated on the ground floor of Palazzo Lombardia, with direct entrance from the square: it is a modern elegantly refined auditorium, with wide spaces, excellent acoustics and fully equipped with new technologies.

Palazzo Lombardia is in the Northern part of the city, 20 minutes' walk from Piazza Duomo, the city centre, and a few minutes' from the Pirelli skyscraperwalk.

## HOW TO GET THERE

### By Plane

Milano is connected to the most important cities in the world thanks to its international airports:

**Milano Linate:** A shuttle bus (<http://www.milano-aeroporti.it/liniate-shuttle/en/index.html>), taxis and rental car services connects the airport to Milano Centrale railway station.  
**Milano Malpensa:** A train (<http://www.malpensaexpress.it/en/>), shuttle buses, taxis and rental car services connects the airport to Milano Centrale railway station.  
**Milano (Bergamo Airport):** A shuttle bus connects the airport to Milano Central railway station. [http://www.orioshuttle.com/\\_eng/](http://www.orioshuttle.com/_eng/) for info and buy tickets.

### By Train

Milano Centrale railway station is the closest station to the congress venue.

**Best ways from Milano Centrale railway station to the conference venue:**

By walking (1.0 km): 13 mins

By subway: Line 2 (M2 - green): get off at stop "Gioia" and then walk 5 mins.

There are also other railway stations in Milan: the main are Milano Porta Garibaldi, Milano Rogoredo and Milano Lambrate. All of these are connected to Milano Centrale railway station through trains, trams or subway.

### By Taxi

It is possible to call a taxi with "Milano In Taxi" service of the City of Milan:

- using the app "Milano In Taxi" available for IOS and Android

- calling the number +39 027777 free of charge

- through the website [www.taxi.comune.milano.it](http://www.taxi.comune.milano.it)

### By Bus

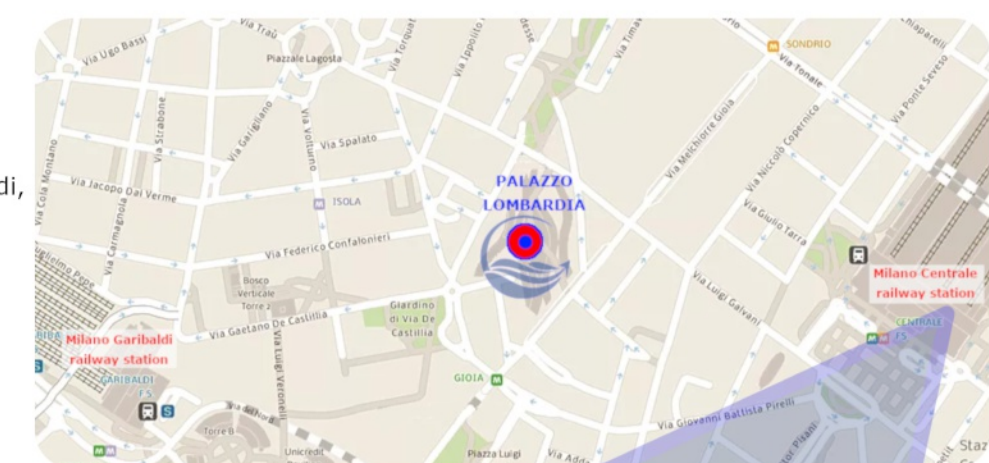
It is possible to get to Palazzo Lombardia using the urban bus lines n. 43 (stop to "Gioia M2" ) and n. 60 (stop to "Via Gioia Via Galvani").

### By Subway

It is possible to get to Palazzo Lombardia using the subway:

Line 2 (M2 - green): metro stop "Gioia" - Line 3 (M3 - yellow): metro stop "Centrale" - Line 5 (M5 - light violet): metro stop "Isola"

**Getting around in Milan** is easy. The public transport network consists of subway, trams, local and extra-urban buses: <https://www.atm.it>. Multiple services of car, scooter and bike sharing are available (Enjoy, Car2go, Drive-Now, Share'ngo, E-Vai, Ubeego, ReFeel, Mimoto, Zig Zag, Ecoolta, Govolt, Cityscoot, BikeMi, Mobike, Ofo).



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## PATRONAGE



## Contact Information

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