



Napoli, December 1 – 3, 2021
Università di Napoli Federico II
National Meeting on Hydrogeology

The Italian Chapter of the International Association of Hydrogeologists (IAH) is pleased to invite you to the 5th Edition of FLOWPATH, the National Meeting on Hydrogeology. Following the tradition of the previous editions of FLOWPATH, the conference will be an opportunity for hydrogeologists and professionals to exchange ideas and discuss different issues on groundwater resources.

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

The **objectives of the conference** are:

- To promote dialogue and exchange of scientific knowledge among young hydrogeologists;
- To deepen the theoretical and practical aspects of our understanding of groundwater in a changing climate;
- 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 a sustainable water resources management.

INSTRUCTIONS FOR AUTHORS

Oral communications: The slides must be in English. The presentation can be illustrated by the speaker in Italian or English. Presentations must be in 16/9 format, in PPT, PPTX or PDF.

Speakers have to upload their presentation files (named with the speaker's surname preceded by the session number, e.g. 2_Rossi) via USB device to the Slide Center (at the registration desk) at any time, strictly before the start of the session. Speakers will have a maximum of 12 minutes for presentation and 3 minutes for questions and discussion. The keynote speakers will have a maximum of 25 minutes for presentation and 5 minutes for questions and discussion.

Poster: The posters must be in English and printed by the authors in the horizontal format 100 x 70 cm and posted in the appropriate spaces, respecting the indicated session. The posters of all sections will remain on display for the two days of the congress.

In the slides and posters it is possible to insert the logo of the congress downloadable at the website.

Wednesday, December 1 st , 2021	
08:30-09:00	Registration
09:00-10:00	Opening Session
Session 1 – Climate change and groundwater	
Convenors: Walter Dragoni, Adolfo Mottola, Giovanna De Filippis	
10:00-10:30	Keynote lecture: Prof. Steffen Birk (University of Graz)
10:30-12:00	6 Oral presentations
Session 2 – Groundwater Resource and Sustainability	
Convenors: Tullia Bonomi, Antonio Menghini, Maria Filippini	
12:00-12:30	Keynote lecture: Dr. Alice Aureli (UNESCO – IHP)
12:30-13:30	4 Oral presentations
13:30-14:30	Lunch and Poster session (sessions 1 and 2)
14:30-16:00	6 Oral presentations
16:00-16:30	Poster coffee break (sessions 1 and 2)
16:30-18:15	7 Oral presentations
18:15-19:30	IAH Italian Chapter General Assembly

PROGRAMME

20:45 Conference dinner at Mimi alla Ferrovia Restaurant, Via Alfonso D'Aragona, 19 – Napoli- During the dinner, the 5th Zuppi prize for the best PhD thesis on hydrogeological subjects will be awarded

Thursday, December 2 nd , 2021	
8:00-9:00	Registration
Session 3 – Geothermal, Urban and Contaminant Hydrogeology	
Convenors: Elisabetta Preziosi, Francesca Lotti, Diego Di Curzio	
09:00-09:30	Keynote lecture: Prof. Xavier Sanchez-Vila (UPC)
09:30-10:30	4 Oral presentations
10:30-11:15	Poster coffee break (sessions 3 and 4)
11:15-12:45	6 Oral presentations
12:45-14:00	Lunch and Poster session (sessions 3 and 4)
Session 4 – Groundwater flow and hydrogeochemical features in volcanic, karst and coastal plain aquifers	
Convenors: Alfonso Corniello, Lucio Martarelli, Stefano Viaroli	
14:00-14:30	Keynote lecture: Dr. Klaus Hinsby (GEUS Denmark)
14:30-16:00	6 Oral presentations
16:00-16:30	Poster coffee break (sessions 3 and 4)
16:30-17:45	5 Oral presentations
17:45-18:00	Presentation of the PhD thesis awarded with the 5 th Zuppi prize
18:00-18:15	Best Oral Presentation "Aurelio Aureli" Award and Best Poster Presentation "Marina De Maio" Award
18:15-19:30	ECHN Discussion Panel. Get to the point – Experiences and perspective on Groundwater resources contamination: from the assessment to legal implications



Associazione **ACQUE SOTTERRANEE**



DIPARTIMENTO DI SCIENZE DELLA TERRA, DELL'AMBIENTE E DELLE RISORSE



CIRAM

The fifth edition of Flowpath received 116 abstracts; all these abstracts underwent a rigorous peer-review process by the Scientific Committee members and were assigned to oral (44) or poster (72) presentation. The Authors involved come from Universities, Public Bodies, Private Companies of Italy and some other countries.

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

Friday, December 3 rd , 2021	
Urban Hydrogeological Field Trip	
09:30	«Galleria Borbonica» via Domenico Morelli, 61, (close to Piazza dei Martiri).
16:00	End at Lungomare di Napoli after Lunch
17:00	Expected arrival at Naples Airport and Central Railway Station (not organized: by bus, metro or taxi)

Website: www.flowpath2021.unina.it

Contact us: flowpath@iahitaly.it

PUBLICATION OF ABSTRACTS

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

After the conference, all authors are invited to submit a free of charge paper to *Acque Sotterranee – Italian Journal of Groundwater* (AS/IT JGW), an open access (SCOPUS and WoS) indexed journal.

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.

Payment by Bank transfer to the following Bank account. On the transfer document, please indicate "Flowpath2021", the name of the participant and the category (IAH member, Not IAH member, Student IAH member, Students Not IAH member, Foreign delegate, Foreign student).

ASSOCIAZIONE ACQUE SOTTERRANEE - IBAN: IT891076011400000086399706 - SWIFT CODE: BPPIITRRXXX

The registration will be valid only after providing a copy of the bank transfer to acquesotterranee@anipapozzi.it and to flowpath@iahitaly.it [e-mail object: "registration fee – First Name Surname"]. In situ registration is only possible paying at the registration desk by an instant bank transfer (payment in cash is not recommended).

ACCOMODATIONS

Napoli 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.flowpath2021.unina.it/venue/suggested-accomodations>

Participants should contact directly the accommodations to book; when booking, please specify to be a Flowpath 2021 participant.

PRE-CONGRESS EVENT

Before the Flowpath Conference, the course "Introduction to modeling of underground water flow" will be held by Prof. L. Alberti and Eng. P. Mazzon of the Politecnico di Milano. The course will take place on Monday 29th November and Tuesday 30th November at: Centro Interdipartimentale di Ricerca «Ambiente», C.I.R.A.M. - Università degli Studi Federico II di Napoli, Via Mezzocannone, 16, 3rd floor. The course is free for the participants in the conference.

The program's details are at <http://www.flowpath2021.unina.it/pre-congress-course>.

ECHN EVENT

On December 2nd at 18:15, the Early Career hydrogeologists of the ECHN - Italy group will lead the Discussion Panel: *Experiences and perspective on Groundwater resources contamination: from the assessment to legal implications*.

Website: www.flowpath2021.unina.it



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CONFERENCE VENUE

Complesso dei SS. Marcellino e Festo - Università di Napoli Federico II - Largo San Marcellino, 10 - Napoli

The convent building is the result of the union of two neighbouring female monasteries dating back to the early Middle Ages, one from the 7th century dedicated to Saints Marcellino and Pietro, the other from the 8th century dedicated to the cult of Festus and Desiderius.

In 1565 the monastery complex took on the new and definitive dedication to Saints Marcellino and Festo. In 1907 a wing of the complex was assigned to the Federico II University of Naples. In 1932, other areas of the monastery were intended as the site of the Museum of Paleontology of Naples.



How to get there

By Plane

Napoli is connected to the most important cities in the world thanks to the Capodichino International Airport. A shuttle bus (Alibus - <https://www.naples-airport.info/bus/>) connects the airport to Napoli Centrale railway station and to the Harbor (the "Porta di Massa" stop is the closest). Taxis and rental car services are available at the airport.

By Train

Napoli Centrale railway station is close to the congress venue. Best ways from Napoli Centrale railway station to the conference venue:

- **By walking** (1.5 km): 19 mins
- **By subway**: Line 1: get off at stop "Duomo" and then walk 6 mins or get off at stop "Università" and then walk 9 mins.
- **By Bus**: It is possible to get to Largo San Marcellino using the urban bus line R2 (stop to "Corso Umberto – Via Tari" and then walk 5 mins).

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