



Department of Chemical and Geological Sciences
University of Cagliari

Cagliari, June 14-16, 2017
Sala Convegni Fondazione di Sardegna
Via San Salvatore da Horta, 2 - Cagliari



The Italian Chapter of the International Association of Hydrogeologists (IAH) is pleased to invite you to the 3rd Edition of FLOWPATH, the National Meeting on Hydrogeology. The conference will be held at the University of Cagliari, in June 2017, from Wednesday 14 to Friday 16.

According to the aim of the 1st Edition of FLOWPATH (Bologna, 2012), the conference will be an opportunity for Italian hydrogeologists to exchange ideas and knowledge on different groundwater issues.

The IAH Italian Chapter is committed to ensuring the continuation of this debate within the scientific and professional community, giving priority to proposals and ideas of young hydrogeologists.

During the meeting, the 3rd Zuppi award for the best PhD thesis on hydrogeological issues will be assigned



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de-Fluoridation technologies for improving quality of Water and agri-food products along the East African Rift Valley in the context of DSD for climate change

an EU H2020 Project



REGIONE AUTÒNOMA DE SARDIGNA
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Fondazione di Sardegna

CAGLIARI, JUNE 14-16, 2017 - <http://convegni.unica.it/flowpath2017/>



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Conference Objectives

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;
- 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.

Conference Sessions

Session 1- Groundwater quality protection - Conveners: S. Da Pelo, D. Ducci, M. D. Fidelibus

Quality standards, groundwater vulnerability, groundwater source protection zones, quality and anthropogenic activities, groundwater policy, legal and economic aspects, natural background, monitoring, remediation technologies, aquifer salt water intrusion.

Session 2 – Hydrogeology of fractured rocks and karst aquifers- Conveners : M. Petitta, M. Pola, B. Vigna

Fractured rock system hydrogeology, karst aquifers , mineral and thermal water resources.

Session 3- Groundwater flow and transport modelling- Conveners : F. Lotti, M. Mastrocicco, G. Uras

Groundwater modeling, model concepts, numerical methods, water flow-paths and groundwater dynamics, modelling of hydrogeochemical processes in groundwater.

Session 4- Groundwater management in arid and semi-arid region

Conveners : G. Ghiglieri , M. Polemio, R. Rossetto

Climate change and groundwater availability, coastal aquifer management, groundwater: food and health, Managed Aquifer Recharge

Program The technical program includes lectures by invited speakers, oral presentations, poster sessions and a field trip.

Preliminary program

Wednesday, June 14, 2017

08:30 - 09:00 Registration

09:00 - 09:30 Opening Session

09:30 - 12:30 SESSION 1

Key note lecture: Rosa Cidu (University of Cagliari)

Oral presentations

14:00 - 17:30 SESSION 2

Key note lecture: Robert Wyns (BRGM Orleans)

Oral presentations

17:30 - 18:30 POSTER SESSIONS 1 AND 2

21:00 Conference dinner

Thursday, June 15, 2017

09:00 - 12:30 SESSION 3

Key note lecture: Albert Soler Gil (University of Barcelona)

Oral presentations

14:00 - 17:30 SESSION 4

Key note lecture: Viviana Re (University of Venezia)

Oral presentations

17:30 - 17:45 Ph.D thesis Zuppi award ceremony

17:45 - 18:00 National Honorary Member ceremony

18:00 - 19:00 POSTER SESSIONS 3 AND 4

Friday, June 16, 2017

09:00 - 10:30 IAH Italian Chapter General Assembly

10:30 - 16:00 Field trip: Area mineraria Sulcis



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Conference Venue



The conference venue is the town of Cagliari-(Sardinian: *Casteddu* [kas'ted̪du], Latin: *Caralis*) is an Italian municipality and the capital of the island of Sardinia. Cagliari's Sardinian name *Casteddu* literally means *castle*. It has about 150,000 inhabitants. Karalis was established around the 8th/7th century BC as one of a string of Phoenician colonies in Sardinia, including Tharros. Its founding is linked to its position along communication routes with Africa as well as to its excellent port. The Phoenician settlement was located in the Stagno di Santa Gilla, west of the present centre of Cagliari. This was also the site of the Roman Portus Scipio, and when Arab pirates raided the area in the 8th century it became the refuge for people fleeing from the city. Other Phoenician settlements have been found at Cape Sant'Elia.



Organizing Committee (IAH Italian Chapter)

- Chairs:** Giorgio Ghiglieri
Stefania Da Pelo
Gabriele Uras
- Members:** Giovanni Barroccu, Fulvio Celico,
Paolo Cerutti, Antonio Dematteis,
Daniela Ducci, Paolo Fabbri,
M. Dolores Fidelibus, Alessandro Gargini,
Francesco La Vigna, Marco Masetti,
Marco Petitta, Vincenzo Piscopo,
Maurizio Polemio, Viviana Re,
Andrea Sottani

Scientific Committee

- Luca Alberti
Giovanni Pietro Beretta
Alfonso Corniello
Domenico Antonio De Luca
Lucio Di Matteo
Francesco Fiorillo
Francesca Lotti
Micol Mastrocicco
Roberto Mazza
Torquato Nanni
Giorgio Pilla
Elisabetta Preziosi
Rudy Rossetto
Sergio Rusi
Giuseppe Sappa
Michele Saroli
Marco Tallini
Alberto Tazioli
Daniela Valigi
Luca Zini
- Committee of honor**
Giulio Barbieri
Giovanni Barroccu
Antonio Pala
Antonio Vernier



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development technologies for improving quality of water and agricultural products along the East African Rift Valley in the context of a Disaster on climate change





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Abstract submission

Participants who wish to contribute to the Conference are invited to submit an abstract in English (1 page), indicating their preference for oral or poster presentation before February 15, 2017.

Submission implies willingness to register at the Conference and present the contribution. Abstract must be submitted on-line via the on-line abstract submission form that can be found in the section "Upload Abstract" on the official FLOWPATH 2017 conference website. Notification of acceptance will be transmitted by April 3, 2017.

The Scientific Committee reserves the assignment of the abstracts for oral or poster presentation. In accordance with the objective of the Conference, oral or poster presentation should be preferably submitted by young hydrogeologists.

For the accepted abstract of authors registered to the conference by the April 15, 2017, a short note (minimum 3, maximum 4 pages) have to be submitted by the June, 30, 2017 for the publication on Rendiconti online (ROL) of Italian Geological Society. The ROL are indexed by Scopus, the largest abstract and citation database of peer-reviewed literature. Only two short notes per author can be submitted. Detailed instructions for abstract preparation are provided on the conference website.

Participants Fees	Before	After
	April, 15, 2017	April, 16, 2017
Including 2017 IAH membership*	230 €	280 €
Foreign delegates	230 €	280 €
IAH members**	160 €	200 €
Students, including 2017 IAH membership*	90 €	110 €
Foreign students	90 €	110 €
Students, IAH members**	60 €	80 €

*on-line membership -10€, **for members, who have already paid the 2017 fee

The fees include: participation to the Conference, congress kit, coffee breaks, lunches, conference dinner, volume of abstracts on USB support and Field Trip.

You are strongly encouraged to register completing the form available on the conference website: <http://convegni.unica.it/flowpath2017/>

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Accommodation

There is a wide variety of accommodation in Cagliari at range of price. A selection of hotels with special rates for conference participants will be provided in the 2nd Announcement.

Key Dates

Deadline for abstract submission: February 15, 2017

Notification of abstract acceptance: April 3, 2017

Deadline for early bird registration: April 15, 2017

Deadline for short note submission: June, 30, 2017

2nd Announcement: April 15, 2017

The Conference: June 14-16, 2017

Contact Information

Conference Secretariat
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and agricultural products along the East African Rift Valley
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