



Water in Geosciences

1st Conference of Young Researcher

organized by PhD students of the Department of Earth Sciences of the University of Pisa

We are pleased to announce the program of the upcoming conference organized by PhD students of the Department of Earth Sciences of the University of Pisa.

The conference will be held in Pisa on 2nd and 3rd March 2023 at the Department of Earth Sciences.

The conference “Water in Geosciences” aims to address, from a multidisciplinary perspective, the crucial issue of water, as a resource to be studied and managed and as a natural agent influencing land and communities. Key topics will range from tracking water flows in various natural systems, to the study of the resource in contexts subject to environmental pressures and to the landscape shaping capacity of water, often also potentially destructive. Space will be given to an international set of speakers, including both young researchers and internationally renowned researchers. The conference has the objective of creating an opportunity for PhD students and young researchers to meet and discuss the current and crucial issue of water. Young researchers will also have the opportunity to meet national and international senior researchers and professors to benefit from their expertise.

Organizing committee

The initiative is fully organized and promoted by PhD students in Earth Sciences, who will constitute the Organizing Committee of the event:

- Julia Carvalho Lannes Galvão Fonseca (PhD XXXVI cycle – DST UniPI)
- Marco Luppichini (PhD XXXV cycle – DST UniFI)
- Matteo Nigro (PhD XXXVI cycle – DST UniPI)
- Francesca Pasquetti (PhD XXXVI cycle – DST UniPI)
- Cynthia Sassenroth (PhD XXXVI cycle – DST UniPI)

This conference is funded by a grant for scientific initiatives organized by PhD students provided by the University of Pisa.

Scientific committee

The scientific committee is constituted by professors and researchers from the Earth Sciences Department of the University of Pisa and the Academic Board of the XXXVI PhD cycle:

- Dr. Alberto Collareta,
- Prof. Roberto Giannecchini,
- Prof. Viviana Re,
- Prof. Maria Cristina Salvatore,
- Prof. Giovanni Zanchetta.

Scientific contents

Different conference sessions will be proposed. These sessions have water as their central theme but have been devised to include the different fields of study within Earth Sciences.

- S1. Water resources and environmental pressures
- S2. Critical zone and water
- S3. Water as a georisk
- S4. Water: a sea of life
- S5. Quaternary climate and sea level change
- S6. Marine resources and hydrothermalism
- S7. Open-Lab

The keynotes will be held by national and international researchers who are currently involved in European and global research projects on water.

- Dr. Adria Barbeta, Department of Evolutionary Biology, Ecology and Environmental Sciences, University of Barcelona
- Dr. Giovanni Coletti, Università Milano Bicocca, Italia.



- Prof. Daniele Penna, Dipartimento di Scienze e Tecnologie Agrarie, Alimentari, Ambientali e Forestali (DAGRI) Università di Firenze
- Prof. Helenice Vital, Department of Geology, Federal University of Rio Grande do Norte (On-line Talk)
- Dr. Polona Vreca, Department of Environmental Sciences, Jožef Stefan institute, Slovenia.

During the conference, two field trips around Pisa will be proposed with the aim of disseminating the knowledge of the theme “Water” and its socioeconomical importance for the territory of Pisa.

Preliminary program

2nd March 2023

08:15 – 9:00	Registration
09:00 – 09:30	Opening ceremony and Greetings
09:30 – 11:00	Talks
11:00 – 11:30	Coffee break and Poster session
11:30 – 13:00	Talks
13:00 – 14:00	Lunch break and Poster session
14:00 – 16:00	Talks
16:00 – 19:00	First field trip in Pisa

3rd March 2023

08:30 – 9:00	Registration
09:00 – 11:00	Talks
11:00 – 11:30	Coffee break and Poster session
11:30 – 13:00	Talks
13:00 – 14:00	Lunch break and Poster session
14:00 – 18:00	Second field trip to Massaciuccoli Lake

The conference will be held on site, but we reserve the possibility of attending, both as a speaker and as a listener, remotely.

The guidelines for oral and poster presentation will be available in the next circular.

Field trips

Field trip 1 (2nd March)

The first field trip will be held in Pisa. The field trip aims to illustrate the stone materials used to build the main monuments of the city, and the past and current relationship between the city and water. The past activities of the city were related to the main river and paleo rivers of this area (Arno, Serchio, Auser). The oldest monuments, in the northern area of the city, were built thanks to the use of materials from the Serchio River and the Auser River (a paleo river). With the disappearance of the Auser River, the second main building phase of the history of Pisa began. The city expanded towards the south thanks to the presence of the Arno River. The two phases are characterized by different historic periods but also by a different use of stone materials coming from around Pisa and Tuscany.

This field trip must be booked but does not have a maximum number of participants.

Field trip 2 (3rd March)

Massaciuccoli Lake is the destination of the second field trip. The lake and the surrounding marshy areas are affected by several environmental issues linked to human activities and climate change. The Department of Earth Sciences of the University of Pisa has a research laboratory along the shores of the lake, and it will be possible to discuss about these issues on site with expert researchers.

The Massaciuccoli Lake is about 30 minutes' drive from the Department of Earth Sciences.

A maximum of 20 participants will be transported with the vehicles of the department while other participants who would like to join the group should take their own vehicles. Detailed driving directions will be available on the website of the conference (<https://watergeo2023.dst.unipi.it/>).

Abstracts

A call for abstracts will be open on 5st December 2022.

The deadline for submission is 20th January 2023.

A template of the abstract and the authors' guidelines will be available on the website of the conference (<https://watergeo2023.dst.unipi.it/>).



All abstracts must be written in English and prepared in Word (.doc or .docx). The word amount cannot exceed the maximum limit of 400, excluding titles, authors, affiliations and references.
The Scientific Committee will evaluate the abstracts.

Registration

The registration is free of charge.
Registration deadline is on 10th February 2023 (for presenters) and on 20th February 2023 (for listeners only).
The online registration form can be accessed on the conference website (<https://watergeo2023.dst.unipi.it/>).

Save the date

Date of the conference:	2nd and 3rd March 2023
Deadline for abstract submission:	20th January 2023
Deadline for registration for presenters:	10th February 2023
Deadline for registration for listeners:	20th February 2023

Information and updates can be found on the website <https://watergeo2023.dst.unipi.it/>
or writing an email to watergeo2023@dst.unipi.it

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Hoping to see many of you in Pisa
The Organizing Committee