

eurokarst 2022

MÁLAGA

22 - 25 June

The European Conference on Karst Hydrogeology and Carbonate Reservoirs

Photo: Juan Antonio Barberá Fornell



CEHYUMA
CENTER OF HYDROGEOLOGY
OF UNIVERSITY OF MALAGA



GOBIERNO DE ESPAÑA

MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES



Instituto Geológico y Minero de España

**UNIVERSITÉ DE
FRANCHE-COMTÉ**

Université de Neuchâtel **unine**

Overview

Karst is the result of the climatic and hydrological evolution of soluble rocks (carbonates, evaporites, conglomerates...), particularly during the recent geological history of the Earth. The action of water has generated a great range of karstic features that are part of our natural heritage and frequently form major tourist attractions. Karst areas often serve as cropland or as substrates for other human activity. However, karst systems are highly sensitive to human disturbances and the inappropriate exploitation of its resources or inappropriate land uses give rise to environmental problems (water pollution, subsidence, flooding, changes in the subterranean environment, etc.).

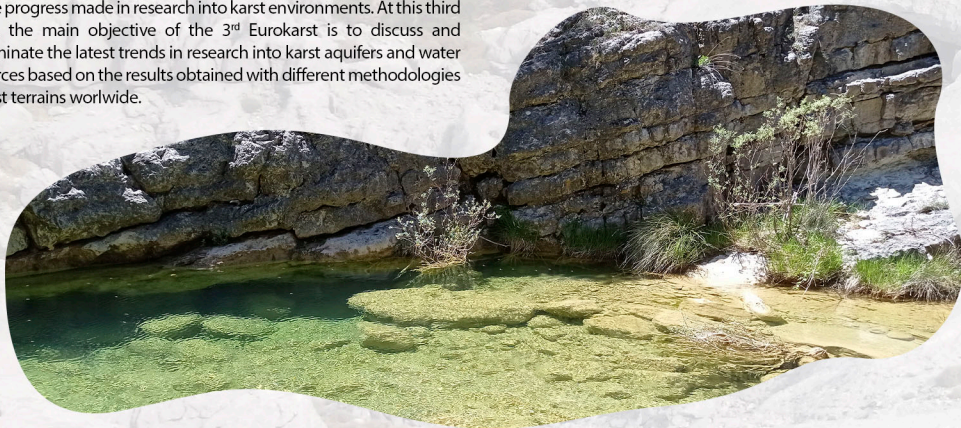
The specificity of the karst medium is fully accepted at all levels of scientific knowledge, as shown by the existence of specific international journals on karst and specific karst committee in the International Association of Hydrogeologists (www.iah.org/karst). In addition, various international conferences are periodically organised in which Karst Hydrogeology is the main topic. One of them is Eurokarst, which 3rd edition is scheduled by 22nd-25th June 2022. In the frame of the conference the training course HYDROKARST will be organised as well as a meeting of the European KARMA project.

Conference is expected be face to face if the pandemic situation COVID-19 permits this. In case the pandemia became worse decisions about the conference will be taken by the Organising Committee.



Objectives

Eurokarst is intended to be an international forum for scientific debate on the progress made in research into karst environments. At this third event, the main objective of the 3rd Eurokarst is to discuss and disseminate the latest trends in research into karst aquifers and water resources based on the results obtained with different methodologies in karst terrains worldwide.



Topics

The following themes are to be addressed in the framework of this Conference:

- Karst Hydrogeology: water resources assessment, groundwater pollution and protection.
- Methods to study karst aquifers: based on hydrodynamic, hydrochemistry, isotopes, dye tracing, geophysical surveys and modelling techniques.
- Karst Geomorphology and Landscape.
- Mining and Engineering in karst media: mining and large structures (tunnels, dams, etc.).
- Karst cavities: touristic caves, natural heritage.

Communications

Subjects of interest will be experiences and case studies, techniques used and results obtained in recent scientific research on karst. Free papers may be submitted. Initially, an abstract of 300 to 500 words should be provided. The papers accepted by the Scientific Committee will be included in a proceedings stick memory. Papers that meet the requirements will be selected for publication in a Springer book-series. In addition, an extended version of the most interesting ones will be published in a special issue of Environmental Earth Sciences journal. Guidelines for authors and details for publications will be provided in next circular.

The official language of the Symposium will be English, and papers should be given in this language (orally or as posters), although papers written in French and Spanish will be accepted for publication in a proceedings stick memory that will be done.

Visits and excursions

A field trip will be organised to visit some karst areas in southern Spain on 25th June 2022.



Accommodation

Malaga is a tourist city with plenty of accommodation options. The second circular will include details of hotels and restaurants in Malaga.

The city of Malaga has an international airport, quite well connected with many European cities and the rest of the world. It is also linked to the Spanish capital (Madrid) by air (approximately 55 minutes) and by highspeed train (approximately 2 hours 30 minutes).



eurokarst

Besançon 2018

Neuchâtel 2016

Málaga 2022

4th Eurokarst - 2024

To widen the Eurokarst impact, it has been decided that Eurokarst will not only visit the three historical groups that initiated the event but will also visit other places enabling participants to discover different groups and natural environments. In that perspective, a call for candidatures is open for those interested in organizing the 4th Eurokarst in 2024 before going back to Neuchâtel in Switzerland.

Interested candidates must contact the organizers of Eurokarst and will be invited to present their application during the 3rd conference in Malaga. The location of Eurokarst 2024 will therefore be decided and announced during the conference in Malaga.

Organisation

The 3rd Eurokarst Conference will be organized by researchers from the Centre of Hydrogeology at the University of Malaga (CEHIUMA) and the Spanish Geological Survey (IGME), in the framework of their "Advanced Hydrogeological Studies" partnership, in cooperation with the teams on karst hydrogeology of the universities of Neuchâtel (Switzerland) and Franche-Comté (Besançon, France).

In the frame of the conference the training course HYDROKARST will be organised as well as a meeting of the European KARMA project. A meeting of the IAH European chapters/members is also envisaged.

Bartolomé Andreo Navarro (CEHIUMA)
Juan José Durán Valsero (IGME)
Matías Mudarra Martínez (CEHIUMA)
Juan Antonio Barberá Fornell (CEHIUMA)
José Manuel Gil Márquez (CEHIUMA)
Cristina Liñán Baena (CEHIUMA / Nerja Cave Foundation)
Sergio Martos Rosillo (IGME)
Eulogio Pardo Igúzquiza (IGME)
Catherine Bertrand (University of Franche Comté, France)
Philippe Renard (University of Neuchâtel, Switzerland)

Scientific Committee

Bartolomé Andreo (University of Málaga, Spain)
Augusto Auler (Instituto do Carste, Brazil)
Alice Aureli (UNESCO)
Juan Antonio Barberá (University of Malaga)
Catherine Bertrand (University of Franche Comté, France)
Lhoussaine Bouchaou (University of Ibn Zohr, Agadir, Morocco)
Avi Burg (Geological Survey of Israel)
Zhang Cheng (Karst Dynamics Laboratory, Guilin, China)
Nathalie Doerfliger (BRGM, France)
Joanna Doummar (American University of Beirut, Libanon)
Juan José Durán (IGME, Spain)
Cristophe Emblanch (University of Avignon, France)
Mehmet Ekmekci (Hvacettepe University, Turkey)
Dave Evans (FloSolutions, Lima, Perú)
Francesco Fiorillo (University of Sannio, Italy)
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Chris Groves (Western Kentucky University, USA)
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Andreas Hartmann (University of Dresden)
Cao Jianhua (Karst Dynamics Laboratory, Guilin, China)
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Neven Kresic (Geosyntec, Washington, USA)
Neno Kukuric (IGRAC, The Netherlands)
James LaMoreaux (P.E. LaMoreaux and Associates, Inc., USA)
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Peter Malik (Geological Survey of Slovakia)
Nicolas Massei (University of Rouen, France)
Matías Mudarra (University of Malaga)
Eulogio Pardo Igúzquiza (IGME)
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Nataša Ravbar (Karst Research Institute, Slovenia)
Moumtaz Razack (University of Poitiers, France)
Philippe Renard (University of Neuchâtel, Switzerland)
Tadej Slabe (Karst Institute, Postojna, Slovenia)
Zoran Stevanovic (University of Belgrade, Serbia)
Ben Tobin (Kentucky Geological Survey, USA)
Iñaki Vadillo (University of Malaga, Spain)
George Veni (National Cave and Karst Research Institute (NCKRI))
Steve Worthington (Worthington Groundwater, Canada)
Pierre Yves Jeannin (SISKA, Switzerland)
Liu Zaihua (Institute of Geochemistry, Guiyang, China)

Place and dates

The scientific meeting will be held in the city of **Malaga (Spain) on 22nd – 25th June 2022**. Other dates of interest in the course of the Eurokarst organization are:

Deadline for abstracts submission:
15th October 2021

Notification of acceptance of abstracts:
15th December 2021

Deadline for submission of completed manuscripts:
15th January 2022

Return of reviewed manuscripts:
15th February 2022

Deadline for final manuscripts submission:
15th March 2022

Registration

Registration due dates and fees:

Before 16th february 2022 - 300 euros

After 15th february 2022 - 350 euros

Further information

Centre of Hydrogeology at the University of Malaga (CEHIUMA) and the Department of Geology, Faculty of Sciences, University of Malaga. 29071 Malaga, Spain.

Phone: +34 951 952 952

E-mail: eurokarst2022@uma.es

Website: www.eurokarst.org