



Karst Commission

KARST COMMISSION NEWS

July 2021

Chairmen: Zhang Cheng (Asia/Oceania), Augusto Auler (Americas), Zoran Stevanović (Europe/Africa). Editor: Augusto Auler

IMPORTANT

LAST WEEK FOR VOTING IN THE KARST COMMISSION ELECTION

Dear members of the Karst Commission:

Election for a new trio of chairmen responsible for the next mandate (2021-2025) of the Karst Commision will be active until the last hours of July 30. A specific link has been sent to all KC members. Several members have already voted, thanks. If you have not done so it's time to spare a few minutes and get your vote posted.

If you are having any problems accessing the poll please let us know. We are aware that some western sites are blocked in China and this could pose difficulties for our Chinese members.

As announced in previous issues of this newsletter, we have one candidate for each geographical area:

Americas: Dr. Ben Tobin (USA)

Asia/Oceania: Dr. Avi Burg (Israel)

Europe/Africa: Dr. Peter Malik (Slovakia)

PHASE 2 OF THE KARST MODELLING CHALLENGE IS NOW OPEN FOR PARTICIPATION

Our member, Pierre-Yves Jeannin has sent the following message, inviting contributions for the next phase of the "Karst Modelling Challenge":

Dear members of IAH karst commission

As you possibly remember, a group a researchers started about 5 years ago the so-called "Karst Modelling Challenge" or KMC, which was initiated as an activity of the IAH Karst Commission.

22 people from 12 different research groups participated to step 1, which was dedicated to an overview and a comparison of existing methods for modelling the "global response" of karst hydrogeological systems. It means we focused on the relationship between rainfall and discharge rate at karst springs. Karst hydrogeological systems were considered as "black boxes" taking into account only the fluxes entering and coming out of the system. We did not considered heads and spatial variation within the system. 13 different modelling approaches were compared using the same data set.

The resulting paper has now been published and is accessible in open access under:

https://doi.org/10.1016/j.jhydrol.2021.126508

As this work was very stimulating for all teams, we are now starting step 2 of KMC, which should include the description of the groundwater flow system in space and time. People or groups interested in taking part to step 2 should contact me (pierre-yves.jeannin@isska.ch).

ASSISTANCE FOR PROTECTING AN IMPORTANT CAVE IN PHILIPPINES

Pinagrealan Cave, in Luzon Island, Philippines, is under threat from quarrying.

According to our colleagues of the Pinagrealan Cave Association (admin@heritageprotection.org) the cave has historic importance and should be protected.

The association is organizing a petition in order to gather support to protect the cave. The petition can be accessed and signed at: https://www.heritageprotection.org/petition/

IAH CONGRESSES IN BRAZIL AND BELGIUM

Following several changes, we can now confirm that the 47th IAH Congress in Brazil will be a fully online event. The congress will run from August 22 -26. For information please go to: https://iah2021brazil.org/en/

The 48th IAH Congress will be held two weeks later (September 6 - 10), in Brussels, Belgium. It will be a face to face meeting. Further information can be found at: https://iah2021belgium.org/

VISUAL KARSYS ONLINE COURSE

The Visual Karsys is a webtool to improve the understanding of groundwater flow. The next online course will take place in October 20-21, from 1pm to 4 pm (GMT).

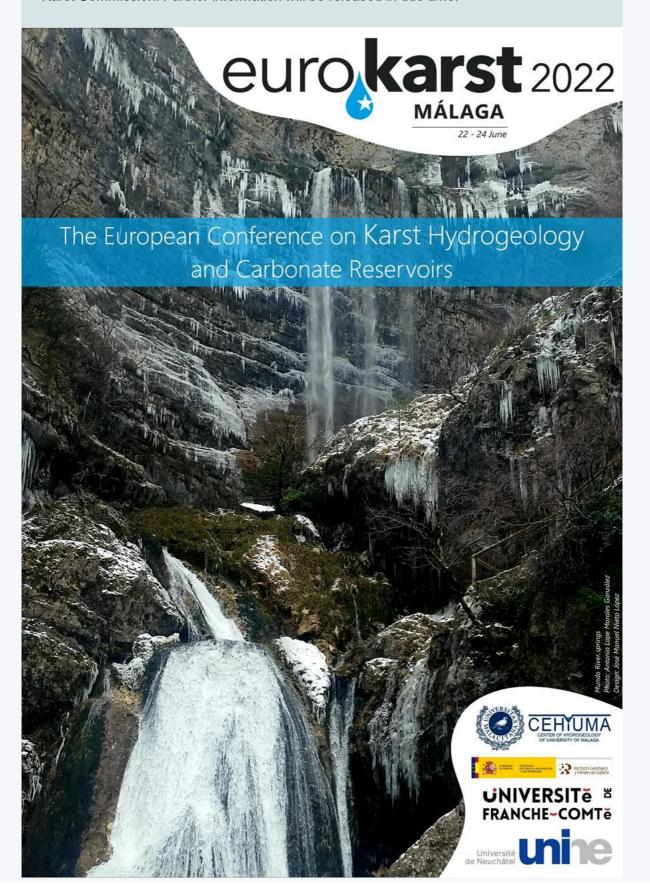
The course is designed for **geologists** and **hydrogeologists** (engineers, academic, students) working in complex hydrogeological environments for applied issues (groundwater resources, natural hazards, geothermy, construction, etc.). For registration or courses write to: info@visualkarsys.com. Further information can be found at: visualkarsys.com.

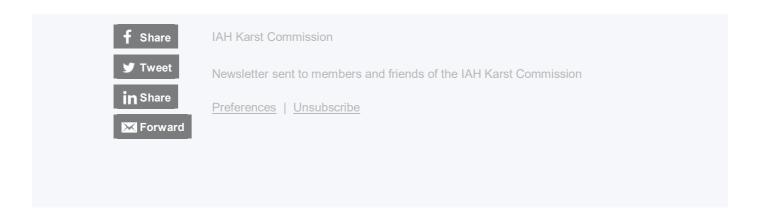
EUROKARST 2022 IN MALAGA, SPAIN

The Eurokarst conferences are arguably the most traditional karst hydrogeology series of meetings, and have, for several decades, promoted karst groundwater in a worldwide basis. The Eurokarst was originally scheduled to take place in 2021, but it has now

been postponed to June 2022. It will be a face to face meeting, among the first presential karst meetings since the pandemics.

Eurokarst 2022 will happen in Malaga, Spain and will also host the annual meeting of the Karst Commission. Further information will be released in due time.





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