April 2022 KC NEWS



Karst Commission

Karst Commission webpage – photos of karst (sampling) welcome!

As part of gradual review of the IAH Karst Commission webpage and our desire to make it more attractive we ask KC members and friends for photos of karst, groundwater in karst and karst hydrology for use on our website (with appropriate credit given for the photos used). In this call we would like to ask especially for photos of water sampling and water sampling procedures related to karst. Of course, any other interesting photos are welcome as well! Please, send them to karstcommissioniah70@gmail.com.

São Paulo-Brussels Groundwater Declaration

The São Paulo-Brussels Groundwater Declaration is based on a survey on groundwater challenges and solutions for sustainable management and awareness. The analysis of the answers of hundreds of participating hydrogeologists from all over the world are the basis of the São Paulo-Brussels Groundwater Declaration. Here, a range of issues was identified, across urban and rural areas, and a range of solutions and approaches were put forward. Please, if you already haven't done before, read the Declaration and add your name in support here: https://brabeldeclaration.getresponsepages.com.

2022 combines two International Years: of Groundwater / of Caves and Karst

The year 2022 was announced to be dedicated to Groundwater by UN-Water at its 30th meeting in Rome, Italy in 2019. The International Year of Caves and Karst was established even sooner and for 2021, but postponed to 2022 as a consequence of the COVID pandemics. You can still join the activities around, or simply enjoy the karst & caves beauties on http://iyck2021.org.

Upcoming KC Events



EUROKARST 2022 Malaga: 22-25 June 2022

The EUROKARST 2022 Conference organised in Málaga, Spain (22–25 June 2022) remains the top Karst Commission event of 2022. Highlights of karst hydrogeology programme are the postponed 50th KC anniversary celebration, meeting of founding KC members, gratitude to the previous KC–chairmen, regular Karst Commission meeting, George Veni's proposal for collabartion between our group and the Cave and Karst Research Group, Philippe Meus's proposal for the establishment of a new group on tracers in hydrology, and young karst researchers' competition. See more details in the website http://www.eurokarst.org. The KC members are welcomed to register for the conference and celebrate the events with us. We also urge members to nominate candidates for the young karst researchers' competition according to the rules (see the website for the rules).

Willingness to donate: participation of young students at KC meetings

We repeatedly ask mentors and advisors to provide financial assistance to students and young scientists interested in joining Karst Commission meeting in Malaga this year, or voluntarily donate some money for this purpose. All three co-chairs already promised to donate 100 € for such a purpose, hoping that others will join soon. Those interested will be able to donate during the Malaga conference (Co-chair Avi Burg will coordinate the donations).

Criteria for eligibility and rules funding for young scientist to attend KC meetings can be found on https://karst.iah.org/funding-for-young-scientists-to-attend-conferences.

Visual KARSYS: 11 – 12 May 2022

Traditional sessions of Visual KARSYS course for geologists and hydrogeologists engineers, scientists and students, connected by their work in karst environments and 3D modelling, will be organized by ISSKA - SISKA (Swiss Institute for Speleology and Karst Studies) colleagues on 11 – 12 May 2022. Please visit https://www.visualkarsys.com to learn more.

EGU Assembly postponed to 23 – 27 May 2022 (Vienna, Austria)

The regular annual General Assembly of the European Geosciences Union (EGU) in Vienna, Austria was postponed and will take place during 23 – 27 May 2022, also with already planned two twin karst sessions: "Field and modelling approaches for the assessment of hydrogeological and engineering problems in karst" and "Characterization, mapping and simulation of karst features". Hervé Jourde, Joanna Doummar, Xiaoguang Wang, Daniel Bittner, Mario Parise, Nataša Ravbar and Isabela Serena Liso are the coordinators of these sessions of ID# HS8.2.3 and ID# HS8.2. Relevant additional data should be on https://meetings.copernicus.org/egu22.

18th International Congress of Speleology: 24 – 31 July 2022

Taking place in Savoie Technolac, Le Bourget du Lac, Savoie, France during 24 – 31 July 2022, the postponed 18th International Congress of Speleology is planned along with its Scientific Conference this year. Its Symposium 5 (of 20 symposia) which is dedicated to karst hydrogeology and physical chemistry attracting all karst groundwater specialists to visit the heart of Savoy on shores of Lac du Bourget. For more details see the Congress webpage http://uis2021.speleos.fr.

Man and Karst 2022 – Custonaci, Sicily, Italy: 12 – 17 September 2022 KARST COMMISSION GEOTRIP

The International Scientific Conference "Man and Karst" is organized in Sicily in Monti di Capo San Vito (Custonaci Municipality, Province of Trapani) in the period of 12 – 17 September 2022. The conference intends to contribute to the knowledge, enhancement and safeguard of the karst landscape and caves ecosystems as a part of the International Year of Caves and Karst. See more information on www.cirs-ragusa.org or contact Dr. Rosario Ruggieri PhD: info@cirs-ragusa.org.

IAH Karst Commission geotrip is planned to be organized in coordination with the Conference venue but will be carried out only if there are enough interested candidates. Please show your interest for participation via karstcommissioniah70@gmail.com.

49th IAH Congress in Wuhan, China: 18 – 22 September 2022

The 49th International Association of Hydrogeologists (IAH) Congress is planned to be held on 18 – 22 September 2022, in Wuhan, China. The overall theme of the Congress is "Groundwater Sustainability and Poverty Reduction", individual sessions are planned to cover different topics of hydrogeology, including karst. To learn more, you can visit https://www.iah2022.com or watch the video https://youtu.be/nEOgZPOf-84.

New paper recommended by the Karst Commission

Fandel, C., Miville, F., Ferré, T., Goldscheider, N., & Renard, P. (2022). The stochastic simulation of karst conduit network structure using anisotropic fast marching, and its application to a geologically complex alpine karst system. Hydrogeology Journal, 1-20.



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