

**From:** Peter Malík

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## January 2022 KC NEWS



**Karst  
Commission**

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### **New Year's wishes to KC members**

The Earth had circled around its star again, and the next calendar year of 2022 has officially started to count down... On this occasion, we would like to wish you optimistic emotions, inspired by an old saying: let your path be open, may the wind blow gently at your back, let the sun pleasantly enlighten your face and the rain gently dew your field. And whoever or whatever you meet in the New Year, may it bring you

knowledge and benefits!!!



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## **IAH Karst Commission 2022 Geotrip vision**

Rosario Ruggieri, attendee of the last KC geotrip in Serbia and Romania offers a possibility having this year geotrip on Sicily, connected to the "Man and Karst" Conference as its prolongation. The negotiations just started, and COVID has not finish yet, but there is some perspective, at least. The "Man and Karst" Conference is planned for 12 – 17 September 2022 (more details below).

Whether the geotrip will take place, depends indeed on the state of the pandemic, but also on the number of people who show a willingness to participate. Therefore, in one of the next KC news you will be asked if in principal you are willing to participate. We also encourage the younger generation of scientists to join the geotrip and get to discover new areas and contribute from their knowledge. We ask mentors and advisors to provide financial assistance to students and young scientists interested in joining.

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**2022: The International Year of Caves and Karst /  
the International Year of Groundwater**

The year we live in now is internationally recognized and devoted both to Karst (as the International Year of Caves and Karst that, because of COVID pandemics has been extended from 2021) and Groundwater (2022 – the International Year of Groundwater), as announced by UNESCOIAH Karst Commission members should already twice celebrate their favourite work topics in 2022!!! These special dates will be accompanied by festive events during the year 2022.

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## Upcoming KC Events

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### EUROKARST 2022 Malaga

The top KC event of 2022 is targeted on Málaga, Spain where EUROKARST Conference is planned on 22–25 June 2022. Here, apart the postponed 50th KC anniversary celebration and the regular Karst Commission meetings are planned, together with young karst researchers' competition and interesting field trips.

Active participants, who already submitted their abstracts should keep in mind the deadline for full papers and corrected abstract uploads is **25 January 2022!** Visit the website <http://www.eurokarst.org> to see the details.



## Karlsruhe Karst Lecture Series

The Chair of Hydrogeology at the Institute of Applied Geosciences, Karlsruhe University (Germany) has been held by Prof. Dr. Nico Goldscheider since 2011. Besides other activities, KC past chair and his colleagues organize lectures on exciting scientific and practical questions of karst hydrogeology and speleology (<https://hydro.agw.kit.edu/english/126.php>). In the nearest time, Jean-Baptiste Charlier (BRGM, Montpellier, France) will speak on "Karst hydrosystems: hydrogeological processes and responses to global change" on 31 January 2022 and Ben Tobin (Kentucky Geological Survey, USA; Karst Commission co-chair) will be giving lecture "Expanding the karst hydrogeology toolbox: interdisciplinary approaches in the southeastern United States and beyond" on 7 February 2022.

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## Karst sessions at the next EGU Assembly (Vienna, Austria)

The regular annual General Assembly of the European Geosciences Union (EGU) is held at the Austria Center Vienna (ACV) in Vienna, Austria, this year on 3 – 8 April 2022. Two twin sessions about "Field and modelling approaches for the assessment of hydrogeological and engineering problems in karst" are planned here, one aimed on hydrodynamics and transport processes (Session ID# HS8.2.3; <https://meetingorganizer.copernicus.org/EGU22/session/42809>), another on characterization, mapping and simulation of karst features (Session ID# HS8.2; <https://meetingorganizer.copernicus.org/EGU22/session/42814>). Their convenors are Hervé Jourde, Joanna Doummar, Xiaoguang Wang, Daniel Bittner, Mario Parise, Nataša Ravbar and Isabela Serena Liso. Unfortunately, the deadline for the submission of abstracts was 12 January 2022, 13:00 CET, before the recent KC NEWS were issued, but

participants interested in karst are always welcome in Vienna – and we shall not forget the next assembly, that happens in the same part of the year at the same place and always counts for karst matters as well...

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## **Man and Karst 2022 - Custonaci, Sicily, Italy**

After a successful event in Ragusa (2019), as a part of the International Year of the Caves and Karst, the International Scientific Conference "Man and Karst" is organized in Sicily from September 12 to 17, 2022 in the fascinating location of the Monti di Capo San Vito, in the Custonaci Municipality (Province of Trapani). The conference intends to contribute to the knowledge, enhancement and safeguard of the karst landscape and caves ecosystems and historical anthropological resources as a whole, as an instrument and optimal function of scientific research, for the benefit of the global community. See more on <http://www.cirs-ragusa.org> or contact Dr. Rosario Ruggieri PhD: [info@cirs-ragusa.org](mailto:info@cirs-ragusa.org).



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## **49th IAH Congress in Wuhan, China**

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. Visit <https://www.iah2022.com> or watch the video <https://youtu.be/nEOgZPOf-84> to learn more.

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## **9th International Workshop on Ice Caves (IWIC-IX), Liptovský Mikuláš, Slovakia**

The 9th International Workshop on Ice Caves (IWIC-IX), will take place on 9 – 13 May 2022, catching up the occasion of the 150th anniversary of the discovery of the Dobšiná Ice Cave, postponed due to the COVID-19 pandemic. The International Workshop on Ice Caves (IWIC) is a series of scientific events dedicated to the research and protection of ice caves, among which the Dobšiná Ice Cave with 110,132 m<sup>3</sup> of ice volume only 920 m a.s.l. and latitude of 48° represents a unique phenomena worth of visiting. Remember – the ice is frozen karstic water! To participate, visit the <http://www.ssj.sk/sk/akcia/22-9th-international-workshop-on-ice-caves-iwic-ix> to discover more or fill the registration form.

## **The Karst Waters Institute Karst Photo Contest**

The Karst Waters Institute (<http://www.karstwaters.org>) announced a competition for both amateur and professional photographers, aimed on improvements of karst features and processes illustration for a wide audience wishing to learn more about karst. Everybody can submit his images to the first-ever KWI Karst Photo Contest. The images (with full attribution) will be later featured on KWI web site at <https://karstwaters.org/educational-resources> or in social media or other KWI communications intended to help others understand, appreciate, and protect karst resources. Illustrations of karst landscapes

(geomorphology), geology, hydrology, biology, and also cultural history of karst systems are welcome. For competition prizes and other details visit <https://karstwaters.org/call-for-submissions-for-the-karst-waters-institute-karst-photo-contest>. Be aware that the photos should be uploaded until midnight **15 February 2022!**

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## New papers recommended by the Karst Commission

Bartolomé, M., Sancho, C., Benito, G., Medialdea, A., Calle, M., Moreno, A., Leunda, M., Luetscher, M., Muñoz, A., Bastida, J., Cheng, H. & Edwards, R. L. (2021). Effects of glaciation on karst hydrology and sedimentology during the Last Glacial Cycle: The case of Granito cave, Central Pyrenees (Spain). CATENA, 206, 105252, 10.1016/j.catena.2021.105252.

Stevanović, Z., Stevanović, A. M., Pekaš, Ž., Eftimi, R., & Marinović, V. (2022). Environmental flows and demands for sustainable water use in protected karst areas of the Western Balkans. Carbonates and Evaporites, 37(1), 1-29.

Fiorillo, F., Esposito, L., Leone, G., Pagnozzi, M. (2022). The Relationship between the Darcy and Poiseuille Laws. Water 2022, 14, 179. <https://doi.org/10.3390/w14020179>.

Radišić, M., Rubinić, J., Ružić, I., Brozinčević, A. (2021). Hydrological System of the Plitvice Lakes—Trends and Changes in Water Levels, Inflows, and Losses. Hydrology 2021, 8, 174. <https://doi.org/10.3390/hydrology8040174>.

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