
[Test] January 2023 KC news

1 message

Avi <burg@gsi.gov.il>
Reply-To: us21-5a8cd27e0a-1edb8fcd8d@inbound.mailchimp.com
To: aviburg@gmail.com

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January 2023 NEWS

Chairs: Peter Malik (Europe/Africa, 9/21 - 12/22); Avi Burg (Asia/Oceania, 1/23 - 4/24); Benjamin Tobin (Americas), 5/24 - 8/25)

A short message from the new chair

As the new chair in the position, I would first want to thank Peter Malik for his great and creative service, including the ability to keep the group active, organise the group meeting during EUROKARST 2022 Conference in Malaga, collect and publish the most relevant and interesting information in the monthly KC news and much more. It was a great pleasure to work under Peter's leadership. On the other hand, Peter is not going anywhere and continues to be active. The three of us (Peter, Ben and I) continue to work as a united team, and I am now the first among equals but nothing more. I hope to succeed in the task during the next 16 months and not disappoint any of you. For me one of the most important issues is to add more young researchers and students to the group and give them the opportunity to be involved in our activities. I ask all members to "push" such young candidates to join us and participate in our activities and contribute their knowledge.



Following Peter's previous request, I am asking members who are interested in recommending a new relevant publication (their own or of their friends) to send links to me.

I remind you all, that the next KC meeting will be held in Florida on March 2023 (see below).

May you all have a great, active and healthy 2023.

Avi

A few words after Prof. Andrej Kranjc

Nataša Ravbar informed us that Acad. prof. dr. Andrej Kranjc has passed away recently. Andrej was a world-renowned karst scientist, geographer and speleologist, appreciated for his achievements in karst geomorphology, hydrology, speleology, karst terminology, and the history of karst science. Among other things, he dealt with recent fluvial sediments in caves, floods in karst poljes and published several regional speleological and karstological studies. He was a university professor and scientific advisor at the Karst Research Institute ZRC SAZU. In the years 1988 to 1995 he was the head of the Institute. He was also a full member of the Slovenian Academy of Sciences and Arts, and its vice president between 2014 and 2017. Above all, he was an outstanding scientist, a patient teacher and a wonderful colleague.

May his memory be blessed.



Acad. prof. dr. Andrej Kranjc (5.11.1943 – 7.1.2023)

UPCOMING KC EVENTS

Next KC meeting on the 17th Sinkhole Conference: 27–31 March 2023

The next meeting of the IAH Karst Commission is scheduled for Wednesday, March 29, 2023, at the University of South Florida campus, Tampa, Florida (USA), during the 17th Sinkhole Conference being held here. The Sinkhole Conference (full name: Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impacts of Karst) is a traditional karst science event in the USA, organized since 1984. Visit <http://www.sinkholeconference.com> for more details.

IAH worldwide groundwater congress: 17 – 22 Sept. 2023, Capetown, South Africa

The Congress theme for IAH 50 is "Groundwater: A Matter of Scale". This theme combines scientific advances through local to global scale experiments and case studies, with those extending over various temporal scales.

Although we failed to organize a dedicated session on karst hydrology, we nevertheless urge all to attend this conference that brings together all members of the IAH, the umbrella organization that hosts several commissions including our own. Abstract submission has already opened. Online registration will open on 1 February 2023.

Find out more information at <https://iah2023.org.za>

10th International Course “Characterization and Engineering of Karst Aquifers” (CEKA): 29 May – 4 June 2023, Trebinje, Bosnia and Herzegovina

The course is organized by the Centre for Karst Hydrogeology of the Department of Hydrogeology, University of Belgrade - Faculty of Mining & Geology, the Geological Survey of the Republic of Srpska, from Zvornik (B&H). Support to this anniversary CEKA2023 will be provided by the hosts - Hydro-electric power plant system of Trebišnjica River - HET and the City of Trebinje. The event includes lecture sessions, field excursions, a 10-year celebration of the CEKA course as well as 15 years of successful work of the Centre for Karst Hydrogeology - CKH.

Keep in mind that the number of participants is limited so hurry up to register.

Additional information can be found at the website: www.karst.edu.rs, or contact Prof. Saša Milanović, Head of Centre for Karst Hydrogeology, University of Belgrade: sasa.milanovic@rgf.bg.ac.rs

Visual KARSYS GeoModelling Course N4: 22 – 23 February 2023

The course, which is dedicated to the learning of the construction of 3D geological models with the implicit approach, will be organized again, now in two sessions dated 22 and 23 February 2023. Participants will be briefly introduced to the theoretical aspects of 3D GeoModeling and will be guided through the construction of a 3D geological model in a folded / eroded / thrust environment by using different geological data (maps, cross-sections, drill holes, galleries, faults, etc.). The course is designed to geologists and/or hydrogeologists working in complex areas, including karst. For registration and questions contact: info@visualkarsys.com and <https://www.visualkarsys.com>.

New papers recommended by the Karst Commission

Çelik, M., Çallı, S.S., & Karakaş, Z.S. (2022). The role of mineralogical studies in delineating the recharge area and groundwater circulation of Susuz springs, Central Taurus Belt, Turkey. *Hydrogeology Journal*, 30(8), 2399-2415.
doi.org/10.1007/s10040-022-02561-x

Diodato, N., Ljungqvist, F., Fiorillo, F., Esposito, L., Ventafridda, G., Bellocchi, G. (2023). Climatic fingerprint of spring discharge depletion in the southern Italian Apennines from 1601 to 2020 CE. *Environmental Research Communications*, 4(2022), 125011.
doi.org/10.1088/2515-7620/acae23.

Hwang, H.T., & Lee, K.K. (2022). Evaluation of push–pull tracer tests for estimating groundwater velocity in a fractured-rock aquifer. *Hydrogeology Journal*, 30(7), 2171-2182.

doi.org/10.1007/s10040-022-02546-w

Vucinic, L., O'Connell, D., Dubber, D., Coxon, C., Gill, L. (2023). Multiple fluorescence approaches to identify rapid changes in microbial indicators at karst springs. *Journal of Contaminant Hydrology*. 254(2023)104129

doi.org/10.1016/j.jconhyd.2022.104129

Members who are interested in recommending a new relevant publication (their own or of their friends) are welcomed to send a link to one of the co-chairs.



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