

Preliminary program of the conference:

10.00 – 10.15 *Opening ceremony, Welcome notes*
10.15 – 11.15 *Plenary papers*
11.15 – 11.30 *Presentation of the book “Lands of Karst”*
11.30 – 12.00 *Coffee break*
12.00 – 13.30 *I session – “Borivoje Mijatović”*
13.30 – 14.30 *Lunch Break*
14.30 – 16.00 *II session “Dušan Gavrilović”*
16.00 – 16.15 *Coffee break*
16.15 – 17.45 *III session “Božidar Ćurčić”*
17.45 – 18.00 *Closing words - Slobodan B. Marković*

Attendance is FREE of charge.

Important dates:

Registration is ongoing by the date of Conference
01 June 2022 – Expression of interest and title of presentation
05 September 2022 - Deadline for extended abstract submission
20 September 2022 – Extended abstract acceptance

Extended abstract should be in English (and preferably one of local languages) of up to 4 pages including figures and references, A4 format with all margins 2.5 cm. Font TNR 12. The extended abstract should be submitted before 05 September 2022 by email to:

Jelena Calic

j.calic@gi.sanu.ac.rs;

Ljiljana Vasic

ljiljana.vasic@rgf.bg.ac.rs

Time for presentation of the accepted abstracts will be 12 minutes, discussion will be after each session. Abstracts will be published in the Book of Abstracts of the Multidisciplinary Conference. Authors of the selected abstracts and presentations will be invited to submit a full paper which, after peer review, will be published in Volume XII of the “Recueil des Travaux” of the Board on Karst and Speleology of the Serbian Academy of Science and Arts.

Honorary Committee:

John Gunn (IUCN/UNESCO),
Peter Malik (Chair of the Karst Commission IAH),
George Veni (Executive Director, US National Cave and Karst Research Institute)

Scientific Committee:

Ognjen Bonacci (Croatia),
Vesna Dimitrijević,
Rajko Dimitrijević,
Predrag Đurović,
Igor Jemcov,
Neven Krešić (USA),
Slobodan B. Marković (President of the Board on Karst and Speleology),
Dušan Mihailović,
Petar Milanović (President of the NC IAH for Serbia),
Saša Milanović,
Zoran Stevanović,
Jelena Ćalić

Technical Committee:

Ljiljana Vasić, Secretary General
Aleksandar S. Petrović
Branislav Petrović
Veljko Marinović

Final note: In case of sufficient interest expressed by the participants, full day excursion will be organized to the karst of Eastern Serbia (Miava, Krupaja and Veliko Vrelo karst springs) on October 22nd, 2022. The nominal excursion fee includes transport by bus and lunch.

www.karst.edu.rs



Serbian Academy of Sciences and Arts (SANU),



Board on Karst

and Speleology

University of Belgrade - Faculty of Geography
Geographical Institute „Jovan Cvijić“ of the
Serbian Academy of Sciences and Arts
Centre for Karst Hydrogeology of the Faculty of
Mining and Geology
Karst Commission of the Serbian Geological
Society



**Importance, State of the Art, and
Prospective of Utilization and
Protection of Resources in Karst**

Belgrade, SANU, October 21 and 22, 2022

**Multidisciplinary Conference on the Occasion of
the International Year of Caves and Karst**



About karst

Karst was a subject of interest of mankind since prehistoric times. In earlier civilizations, many cities grew and developed near karst springs, but the first scientific research of karst only begun at the end of the 19th century thanks to Jovan Cvijić, the founder of the modern karst science in Serbia and worldwide. His PhD thesis "Das Karstphänomen", defended in Vienna in 1893, was to become the first scientific monography about karst, widely accepted and cited worldwide. Thanks to Cvijić, terms such as doline, polje, uvala, jama, and ponor entered the world's karst terminology as standard for the given phenomena.

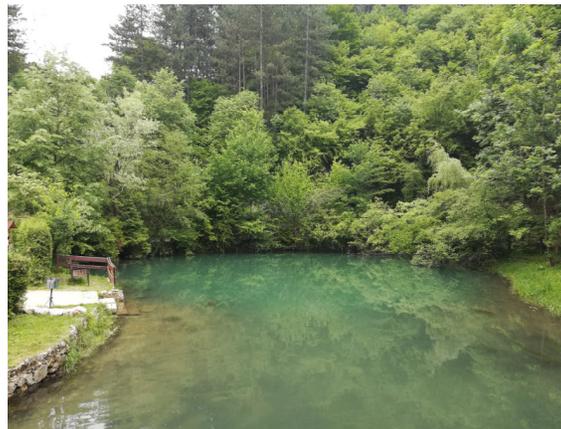
Karst environments have intrigued scientists, engineers, and ordinary people alike for millennia due to their many fascinating facets. They feed the world's largest springs; they represent some of the first human habitats in history; they host mysterious world of caves; they support living creatures often unique to specific locations; they behave unpredictably; and they are extremely vulnerable to both natural and anthropogenic contamination.

Karst represents a landscape consisting of soluble rocks with unique relief forms created by mechanical and chemical action of water. Based on the type of soluble rocks, karst can be divided in carbonate karst (limestones and dolomites) and evaporites karst (gypsum, anhydrite, halite), with first one being dominant. Karst areas are characterized by surface karst forms (karren, dolines, uvalas, poljes) and also underground karst forms (karst channels, shafts and caves). Karst channels enable circulation of large quantities of water, with special role given to karst forms with hydrogeological function such as ponors, springs, estavelles, and vruljas.

Exploitation of karst groundwater could solve problems of long-term water supply of large populations worldwide. It is estimated that about 10% of the world population utilizes karst aquifers for water supply.

Why this conference?

The aim of this multidisciplinary conference is to present and promote results of various disciplines of karst research on the occasion of the International Year of Caves and Karst established by the International Union of Speleology and supported by UNESCO. The conference will provide space for both working professionals and the academic students, to present results of their challenging work in the karst environments. The conference will also be dedicated to our distinguished professors and colleagues, members of the Board on Karst and Speleology SANU who passed away in previous years – prof. Borivoje Mijatović, prof. Dušan Gavrilović and prof. Božidar Ćurčić.



Where and when?

The multidisciplinary conference *Importance, State of the Art, and Prospective of Utilization and Protection of Resources in Karst* will be held on October 21st 2022 in Belgrade, Serbia. The plenary lectures and oral presentations will take place at the Serbian Academy of Sciences and Arts (SANU), Kneza Mihaila St. 35, Belgrade, Serbia.



The three thematic groups of the Conference:

1. Research, utilization and protection of geodiversity and water resources in karst (*session dedicated to memory of prof. Borivoje Mijatović*)
2. Karst geomorphology and speleological research (*session dedicated to memory of prof. Dušan Gavrilović*)
3. Biospeleology, speleoarcheology, natural heritage and conservation (*session dedicated to memory of prof. Božidar Ćurčić*)