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NCKRI News and Announcements for 2022-08-21:

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Please contact the people and organizations listed below for more information, and feel free to share this message with anyone who may be interested.

Update: International Year of Caves and Karst, Congress, and Union of Speleology

The International Year of Caves and Karst held its biggest event to teach the world about their importance at the International Congress of Speleology last month, Savoie – Mont Blanc, France, on 24-31 July 2022. Watch for news about this event, which included nearly 1,500 people from dozens of countries. They presented a record number of 565 papers which filled 2,322 pages in six proceedings volumes—a record for these congresses.

The International Year and Congress are both events of the International Union of Speleology (UIS). The UIS General Assembly met and welcomed five new countries to the Union: Armenia, Cyprus, India, Libya, Malaysia, and Morocco.

The General Assembly also elected a new Bureau to conduct the daily business of the UIS:

Officers:

President: Dr. Nadja Zupan Hajna (Slovenia)
Secretary General: Dr. Johannes Mattes (Austria)
Vice President of Administration: Zdenek Motyčka (Czech Republic)
Vice President of Operations: Nivaldo Colzato (Brazil)
Treasurer: Dr. Mladen Garašić (Croatia)

Adjunct Secretaries:

Prof. Jose Calaforra (Spain)
Ged Campion (United Kingdom)
Marc Mentens (Philippines)
Dr. Mario Parise (Italy)
Dr. Patricia Seiser (USA)
Nathalia Uasapud (Colombia)
Bärbel Vogel (Germany)

Congratulations to the new Bureau and many thanks to the previous Bureau for their five years of service.

For more information about the UIS visit www.uis-speleo.org, on Facebook at <https://www.facebook.com/uisspeleo>, Twitter at <https://twitter.com/uisspeleo>, and/or Instagram at <https://www.instagram.com/uisspeleo/>.

To learn more about the International Year and its many events and activities, visit the website (www.iyck2021.org).

George Veni
UIS Past-President, 2017-2022
Executive Director, National Cave and Karst Research Institute

NCKRI Seed Grants: Deadline Coming Soon!

Dear Colleagues,

NCKRI is pleased to announce our next call for grants in support of cave and karst research.

The NCKRI National Seed Grant Program

(https://www.nmt.edu/research/organizations/NCKRINatSeedGrantRFP_2022.pdf) is designed to enable investigators to initiate new cave and karst research, and incentivize new principal investigators to enter the field. We especially encourage projects within the US National Park System. Proposals for NCKRI National Seed Grants are due September 1st, 2022. Applications can be submitted at the following link:

<https://www.nmt.edu/research/organizations/nckri.php>

Please direct any questions about submission or budget preparation to Judith McShannon (Judith.McShannon@nmt.edu, 575-835-6940). Other questions about this RFP can be directed to Daniel Jones, NCKRI Academic Director (daniel.s.jones@nmt.edu, 575-835-5049).

Please help spread the word about this opportunity and consider applying yourselves!

Sincerely,

Daniel S. Jones, Ph.D.

Assistant Professor of Geobiology, Dept. of Earth and Environmental Science
Academic Director, National Cave and Karst Research Institute (NCKRI)

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New Mexico Institute of Mining and Technology

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Next Virtual GeoModeling Course N3

The GeoModeling course N3 will be organized in two sessions.

Dates for the course are:

- Wednesday, September 07th, 2022 - from 1 PM to 4 PM*
- Thursday, September 08th, 2022 - from 1 PM to 4 PM*

*(GMT+00:00 Time zone)

This course is dedicated to the learning of the construction of 3D geological models with the implicit approach. Participants will be briefly introduced in 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, drillholes,

galleries, faults, etc.). The course is dedicated to geologists / hydrogeologists working in complex areas, including karst.

Course fee: employees CHF 170.- / students CHF 120.-

Contact for registration / questions: info@visualkarsys.com and <https://www.visualkarsys.com/>.

Job Opportunity: Cave Research Technician, USA

The Sustainable Health Ecology Lab, led by Assistant Professor Skylar Hopkins, is hiring a full time Research Technician for two years. The position is primarily based in Raleigh, North Carolina, USA, but will involve periodic travel to other states. This time limited position will start in Fall 2022, with a negotiable start date of November 1st 2022, and end in Fall 2024.

The Research Technician will help plan and execute a regional study of cave microclimates and biodiversity in the southeastern United States. This project is a large collaboration among North Carolina State University and the Southeast Climate Adaptation Science Center, The University of Alabama in Huntsville (and the CaveBio Lab led by Dr. Matthew Niemiller), the Southeastern Cave Conservancy (SCCi), The Nature Conservancy, the National Speleological Society, and state and federal land managers across the region. We will provide the Research Technician with all necessary gear, equipment, and training. This position provides full benefits, and the annual salary will be between \$36,500 and \$38,000, commensurate with experience.

This Cave Research Technician will assist in field research, GIS analyses, and data management regarding cave microclimates and biodiversity, and assist a team with conducting biodiversity surveys in caves; measuring microclimates in caves; cleaning and decontaminating field gear; quantifying forest cover over caves using existing GIS protocols; building and maintaining custom field equipment following existing protocols; and transcribing, checking, and managing data following existing protocols. The Cave Research Technician will also assist with coordinating members of a large, multi-state collaboration, including responding to emails, scheduling meetings, and scheduling and planning field surveys across the southeastern United States. People from groups historically underrepresented in the sciences are especially encouraged to apply. If interested, please see full details and apply via the NCSU job portal: <https://jobs.ncsu.edu/postings/167715>

Timpanogos Cave National Monument Cave restoration: USA

Hello Everyone,

Timpanogos Cave National Monument will be holding its annual cave restoration and lint camp October 17, 19-20, 2021.

What time? 8am - 5pm everyday

Tuesday October 18, volunteers will be invited to join staff and volunteers at the annual TICA symposium and BBQ. There will be no restoration in the cave this day.

Free camping is available and for those who may not want to camp there are many hotel accommodations just outside the canyon within 10-20 minutes of the monument. For more information on how to get to the park visit: [Directions and Transportation - Timpanogos Cave National Monument \(U.S. National Park Service\) \(nps.gov\)](#)

We do limit participation to make sure that we have plenty of supplies and oversight in each team. Registration is on a first-come, first-served basis. The park will be providing all the cleaning and restoration supplies.

If you want to attend, please email Kirsten Bahr at kirsten_bahr@nps.gov. Here's what we need from you:

Name:

Email:

Date(s) you will attend:

Names of others in your group:

Would you like to camp in the park?

Do you need helmet/light/knee pads/gloves?

Can't make it this year but would like to be added to the email list for future restoration camps? Let Kirsten Bahr at kirsten_bahr@nps.gov know and we will add you to the cave restoration emailing list.

We would like to give a big shout out to all the past participants. Because of your help Timpanogos Cave National Monument is that special place that visitors will enjoy for generations to come!!

Never been to Timpanogos Cave National Monument? Here is what you can expect during your time at restoration camp in October.

The caves sit around 6,730 feet above sea level so if you are traveling from sea level it might be good to arrive a few days early to get used to the elevation. The trail to access the cave is 1.5 miles long and climbs up the mountain side 1,092 feet. So bring water and snacks for the hike. October can be a bit chilly outside at times but the temperatures can also bring a peaceful mountain, meaning that you may only see a few other visitors on the mountain at the same time you are here. The cave is around 45 degrees so you will need to dress warm to work in the cave for a few hours at a time, preferably in an outer shell that doesn't shed more lint such as fleece.

We look forward to seeing everyone this year!!

Kirsten Bahr
Physical Science Technician
Timpanogos Cave National Monument
2038 West Alpine Loop Road
American Fork, UT 84003

Highlights of Geoscientific Cave Research Symposium: Austria

Caves provided shelter to our ancestors in prehistoric times, allow access to drinking water resources for about 2 billion people, and attract millions of tourists around the world. The International Year of Caves and Karst (2021–2022) has shone a spotlight on these lightless worlds hidden in the mountains and beneath our feet in order to raise public awareness of their unique importance to society.

Following a successful symposium on the exploration of caves in 2021, this second two-day symposium provides an overview of the latest developments and highlights in the geoscientific study of caves and karst. International experts from various disciplines in the geosciences and related fields will give keynote lectures aimed at a broad audience. The second half day of this event will focus on an emerging research topic in cave science, the origin of hypogene caves — cavities which have developed from rising groundwater.

The symposium will take place on Friday-Saturday, 11-12 November 2022 in Vienna, Austria.

Find more info on the website:

<https://www.oeaw.ac.at/geok/detail/event/highlights-of-geoscientific-cave-research>

List of Upcoming Cave and Karst Meetings

If you are interested in any of the following events, contact the following websites or organizers directly for more information.

- 1) Climate Change, The Karst Record IX (KR9), 17-20 July 2022 (Innsbruck, Austria), <https://www.uibk.ac.at/congress/kr9/>
- 2) 25th International Conference on Subterranean Biology, 18-22 July 2022 (Cluj-Napoca, Romania), <https://www.25icsb.com/>.
- 3) 18th International Congress of Speleology, 24-31 July 2022 (Savoie Technolac, Le Bourget du Lac, Savoie, France), <http://uis2021.speleos.fr/>
- 4) 27th International Cave Bear Symposium, 1-4 September 2022 (Golling an der Salzach, Salzburg, Austria), <https://www.museumgolling.at/forschung/icbs2022/>
- 5) 14th EuroSpeleo Forum + XI Congreso Español de Espeleología, 5-11 September 2022 (Cantabria-Burgos, Spain), <https://eurospeleo2022.com>.
- 6) Man and Karst Conference, 12-17 September 2022 (Sicily, Italy), <https://cirs-ragusa.org/blog/man-and-karst-2022/>
- 7) International Show Caves Association and US National Caves Association Congress, 21 September to 1 October 2022 (San Antonio, Texas, USA), <https://caves.swoogo.com/congress22>
- 8) 15th European Cave Rescue Meeting, 29 September – 2 October 2022 (Rudice/Moravian Karst, Czech Republic), <https://caverescue.eu/tag/15th-european-cave-rescue-meeting/>
- 9) Geological Society of America: multiple karst sessions, 9-12 October 2022 (Denver, Colorado, USA), <https://community.geosociety.org/gsa2022/home>
- 10) Importance, State of the Art, and Prospective of Utilization and Protection of Resources in Karst, 21-22 October 2022 (Belgrade, Serbia), <http://www.karst.edu.rs/en/index.html>.
- 11) Highlights of Geoscientific Cave Research Symposium: Austria, 11-12 November 2022 (Vienna, Austria), <https://www.oeaw.ac.at/geok/detail/event/highlights-of-geoscientific-cave-research>
- 12) 20th International Symposium on Vulcanospeleology, 22-26 November 2022 (Dak Nong Province, Vietnam), <https://20isvdaknong.com/>

- 13) 17th Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impacts of Karst, 27-31 March 2023 (Tampa, Florida, USA), <http://www.sinkholeconference.com/>
- 14) Clay Minerals Society Conference: Karst Trip, 20-25 May 2023 (Austin, Texas, USA), <https://cvent.utexas.edu/event/b8822615-d0e8-4730-89e4-2ef519cbeb5b/summary>
- 15) 14th International Symposium on Pseudokarst, 22-26 May 2023 (Sudetes, Poland), <https://14pseudokarst.wonders4you.com/>
- 16) US National Speleological Society Convention, 26-30 June 2023 (Elkins, West Virginia, USA), <https://nss2023.caves.org>
- 17) 37th Brazilian Congress of Speleology, 26-29 July 2023 (Curitiba, Paraná, Brazil), <https://www.cavernas.org.br/37-congresso-brasileiro-de-espeleologia/>
- 18) 3rd International Congress of Karst, Speleology and Enhancement of Natural Heritage, 2-5 November 2023 (Rabat, Morocco), <https://speleorabat23.sciencesconf.org/>
- 19) 19th International Congress of Speleology, 20-27 July 2025 (Belo Horizonte, Minas Gerais, Brazil), for preliminary information see volume 63-1 of the UIS Bulletin at <http://uis-speleo.org/wp-content/uploads/2021/07/uisb631.pdf>