



400-1 Cascades Avenue, Carlsbad, NM 88220-6215 USA
575.887.5518 • 575.887.5523 (fax)
info@nckri.org • www.nckri.org

NCKRI News and Announcements for 2022-11-03:

International Year of Caves and Karst: Close to a New Record!

Job, Student, and Researcher Opportunities:

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- **20th International Symposium on Vulcanospeleology: Virtual Attendance Now Available!**
- **List of Upcoming Cave and Karst Meetings**

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

International Year of Caves and Karst: Close to a New Record!

The International Year of Caves and Karst is organized to teach the world about the importance of caves and karst. Organized by the International Union of

Speleology (UIS), it was extended through 2022 because of the COVID pandemic.

While most of the International Year is behind us, our wonderful partners continue to organize events and send in reports, including for events that happened many months ago. Today I counted 781 events on the International Year website, and it looks like we will have more than 800 events by the end of the year. This will be an incredible achievement.

Please don't think your events are over until you send a report for the International Year website. One at a time, your events have reached millions of people and at the end of the year they will be compiled into a report to reach even more so you can continue to "Explore, Understand, Protect" (the International Year's theme) with more support far into the future.

Please continue organizing events send your event results to our fabulous website manager, Jasmina Rijavec (webmaster@uis-speleo.org), in the simple format you see on the website:

Location:

Date:

Event name:

Event description:

Event report: [usually one or more simple links to websites, social media, and/or news media reports]

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

The William L. Wilson and Diane C. Wilson Scholarship in Karst Science

The William L. Wilson and Diane C. Wilson Scholarship in Karst Science is administered by the Karst Waters Institute. It was established in 2002 to recognize the significant contributions of the late William (Bill) L. Wilson. Bill used a variety of techniques, and unusual creativity, to tackle some of the most difficult karst science questions in Florida and elsewhere. He developed a leading karst consulting company in the United States, Subsurface Evaluations, Inc. To stimulate the development of new, energetic, motivated, and creative karst scientists, and to remember Bill Wilson and his dedication to karst science, the scholarship has been established in his memory. The initial donation of funds to establish the scholarship were made by Diane C. Wilson, and, upon her passing, the name of the scholarship was changed to include recognition of her commitment to supporting karst science. The scholarship includes recognition at the KWI spring banquet, a plaque naming the awardee, and a one-time award of \$2,000.

To apply for the William L. Wilson and Diane C. Wilson Scholarship, the following conditions exist:

- 1) The applicant must be currently enrolled in, or have been accepted into, a master's degree program at an institution of higher education in the United States. PhD students are not eligible.
- 2) A written proposal of the planned karst study. The research topic should focus on karst science, broadly defined, including subfields of geochemistry, geology, geophysics, or hydrology. The proposal narrative is limited to 1000 words, not including figure captions or references.
- 3) A half-page budget explanation. Although funds are unrestricted and do not have to provide complete support of the project, a simple budget and short justification should be included to reflect how the award may further the proposed work.
- 4) One-page CV. The student should prepare a one-page CV that includes information on academic background and any relevant employment or research experience. Include a list of course completed in graduate school.
- 5) One letter of recommendation from the student's advisor or mentor. These letters should be emailed directly to jherman@virginia.edu by the letter writer. The letter should include a statement confirming that the student is in progress toward a master's degree.
- 6) Applications are due by February 15, 2023. They should be submitted electronically as a single pdf file that includes the proposal, budget, and CV:

Dr. Janet S. Herman, President, Karst Waters Institute

jherman@virginia.edu

Questions regarding the scholarship should be addressed to Dr. Herman.

Applicants will be notified in late March of the decision of the Scholarship Committee.

Publications and presentations derived from supported research should acknowledge the Karst Waters Institute and the William L. Wilson and Diane C. Wilson Scholarship.

For more information, go to: <http://karstwaters.org/scholarship/>

Job Opportunity: Cave and Karst Geophysical Field Technician

Southwest Geophysical Consulting is looking for an adventurous spirit who is willing to learn, is motivated, and has the right can-do personality to add to our team of field geologists and field technicians as an entry-level field technician conducting cave location, cave mapping, and karst characterization utilizing geophysical techniques. Candidates must be in the Albuquerque, New Mexico, USA area or willing to relocate at their own expense.

Knowledge (and experience):

- Education: Minimum of a high school diploma or general equivalency diploma (GED). BSc in geology, environmental sciences, or geotechnical engineering from an accredited institution desired, but not required
- Technically and analytically minded
- Two years of field experience desired but not required
- Background (not necessarily formal education) or interest in caves and/or karst highly desired but not required. Please keep in mind before you apply that we specialize in cave and karst studies
- Environmental work and permitting experience a bonus
- Geotechnical and/or geophysical experience a bonus

Skills (expect to be evaluated):

- Basic small engine repair and maintenance (2- and 4-stroke Honda specifically)
- Basic to intermediate equipment repair and maintenance
- Other equipment maintenance and upkeep tasks as directed (e.g. gas monitor maintenance and testing – this particular skill will be taught on the job)
- Gathering and analyzing data online and in the field
- Route planning, route finding, field mapping
- Basic knowledge of Word, Excel, Power Point, Adobe Illustrator or similar

- Familiarity with GIS applications (Google Earth, QGIS, ARCGIS, or similar)
- Attention to detail, exceptional oral and written communications skills, organizational skills, team oriented, self-starter
- Understand and converse in metric measurements (specifically meters and kilometers)

Abilities (it's a tough job, but somebody's got to do it):

- Lifting at least 40 to 50 lbs. regularly
- Walking 10 to 12 miles over rough terrain several days in a row
- Getting your hands (and everything else) dirty
- Driving long distances and then starting work on arrival
- Comfortable driving a stick shift, 4WD, and conducting light offroading
- Working long days while in the field (10 to 12 hours on average)
- Spending up to 10 days away from home at a time (typically only 3 to 4 days)
- Dealing with harsh field conditions (cold, heat, dust, wind, rain, evil plants...)
- Self-motivated to complete assigned work on time. This is a distributed job and there is no "office," so to speak
- Appreciating unusual or normally "creepy" critters (**NOTE:** This company maintains a healthy respect and appreciation for species most people abhor, e.g., bats, snakes, spiders, rodents, and insects of all kinds. Please keep this in mind before you apply for this position)

Licenses and Certifications:

- Valid driver's license with a clean driving record
- Must have FAA certification if a drone pilot
- Familiarity with (not necessarily certified in) OSHA regulations, 40 Hour HAZWOPER, ISO 9000, Confined Space Certification, SPRAT. If you had to look it up, you're not familiar with it

Benefits and Pay Range

- Benefits include paid vacation time, holiday pay, and a flexible schedule. We also offer health insurance. These benefits are available after a sixty-day evaluation period
- Pay range for this job is \$17.00 to \$20.00 per hour based on experience and skill level
- We are a small, growing company with many opportunities for individuals to learn and grow with the company

Please submit your cover letter and resume to: info@swgeophys.com

Job Opportunity: Natural Resource Specialist/Geologist

The US Bureau of Land Management seeks to hire as an Interdisciplinary Natural Resource Specialist or Physical Scientist who will be responsible for cave and karst resource management activities and cave-related recreation for the Carlsbad Field Office (CFO), New Mexico (NM). The CFO administers over two million acres of surface estate and three million acres of minerals estate in the southeast portion of NM. The area is home to nationally significant cave, karst, oil, gas, and potash resources.

The cave networks within and adjacent to BLM lands managed by the CFO are world renowned. Some of the largest cave systems in the Northern Hemisphere stretch beneath the desert landscape administered by the CFO. As a result, the CFO plays a leading role in cave and karst management within the BLM.

All application materials must be received by 9 November 2022. For more details visit <https://www.usajobs.gov/job/685311700>.

Geomorphology Special Issue on Karst: Call for Papers

Dear Colleagues,

It is our pleasure to invite you to submit your contribution to the Special Issue of the journal *Geomorphology* (ISSN 0169-555X) titled *Surface-Subsurface Connectivity in Karst Geomorphology*.

For more information about the scope of the Special Issue please visit the journals webpage:

<https://www.sciencedirect.com/journal/geomorphology/about/forthcoming-special-issues>

Please refer to the [Guide for Authors](#) to prepare your manuscript and select the article type "VSI: Karst Geomorphology" when submitting your manuscript online on the submission platform ([Editorial Manager®](#)).

You are invited to submit your manuscript by March 1st, 2023.

For any inquiries about the appropriateness of contribution topics, you are welcome to contact the Guest Editors:

Dr. Mateja Ferk, Managing Guest Editor, mateja.ferk@zrc-sazu.si

Dr. Alexander Klimchouk, Guest Editor, klimchouk.2022@gmail.com

Dr. Luca Antonio Dimuccio, Guest Editor, luca@ci.uc.pt

Dr. Luiz Eduardo Panisset Travassos, Guest Editor, infoespa@pucminas.br

Best Regards,

--Editors

Publication Available: Hypogene Karst in the Vicinity of a Magmatic Intrusion

Dear colleagues,

Please, find below a Share Link to read and download a new paper on hypogene karst:

Hypogene speleogenesis related to porphyry magmatic intrusions and its influence on subsequent karst evolution in the Peruvian high Andes

just published in *Geomorphology*: <https://authors.elsevier.com/a/1f~87,3sl3tRDe>

This link can be shared with other colleagues and will work until December 15, 2022.

I hope you'll find it interesting.

Best wishes!

Sincerely,

Dr Alexander Klimchouk

Karst and Cave Science

E-mail: klimchouk.2020@gmail.com

Postal address:

Institute of Geological Sciences,

Natl. Academy of Science of Ukraine

55-b Gonchara Str., Kyiv 01054 Ukraine

Research profile:

https://www.researchgate.net/profile/Alexander_Klimchouk

Latest International Show Cave Association Newsletter: Now Available

Dear International Show Cave Association (ISCA) members and friends,

Follow the link below to download our latest ISCA newsletter (November & December 2022):

- [ISCA Newsletter November & December 2022](#)

We really hope you like it and thank you for your support,

Best,

Juanjo Tiscar
ISCA Secretary and Editor

UISIC Cave Documentation Forums: *cavedata*

The International Union of Speleology (UIS) Informatics Commission (UISIC) has introduced a set of international web-based forums ("*cavedata*") to discuss and advance all things cave and karst documentation, mapping, inventorying and databases. The Informatics Commission, formed in 1986, is about encouraging and facilitating the systematic collection and responsible use of cave, karst and related data on an international basis.

As a UIS international facility the forums are not oriented towards any particular country. Everyone interested is invited and encouraged to participate or just view. It is an opportunity for you to advance documentation techniques, and to describe the systems used in your country and any techniques that you have developed and used successfully.

The *cavedata* forums are divided into three main groups:

- general documentation topics.
- examples of country systems and techniques.
- forums about the Informatics Commission itself and its various projects.

Further forums can be added in these groups whenever required.

The General group allows you to post items about any doco topic, any doco news items about your work, any volunteer help you need for your projects, any

publications or papers you know of that help with cave and karst documentation, and information about any speleo forums or mailing lists around the world that you know of.

Introduction: <https://www.uisic.uis-speleo.org/cavedata.html>

The forums: <https://www.uisic.uis-speleo.org/forum>

UISIC: <https://www.uisic.uis-speleo.org>

Peter Matthews
UISIC Past President 1986-2022

European Cave Protection Commission: Seeking for Contact with National Commissions

Dear all interested in cave and karst protection,

The European Cave Protection Commission would like to get in contact with all National commissions and working groups that work on the protection or conservation of caves and karst.

The goal is to add the email addresses of these bodies to the cave protection information system so that we can share information directly with these colleagues.

In case that you have a dedicated email address or someone in charge, please send a short email to "protection@europspeleo.eu" or fill out the form on our NEW internet site of the commission "www.europspeleo.eu/ECPC"

Thank you for your cooperation.

The ECPC Team

Sinkhole Conference: Register Now Before Prices Increase

The Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impacts of Karst (usually referred to as "the Sinkhole Conference") is the longest-running international conference of its type. Since 1984, engineers, geologists, hydrologists, land managers, biologists, and many

others have gathered at these meetings to exchange cutting-edge information on karst and its many benefits and challenges.

The 17th Sinkhole Conference will be held at the University of South Florida campus in Tampa, Florida March 27-31, 2023. Many great papers have been submitted, two excellent field trips are planned, and there will be much more to see and do.

Register now while prices are low. They go up on 1 December. For information about the conference and to register, visit <http://www.sinkholeconference.com/>.

20th International Symposium on Vulcanospeleology: Virtual Attendance Now Available!

Hello everyone

For those of you who are unable to travel to Vietnam for the 20th International Symposium on Vulcanospeleology later this month, the presentation sessions on 22-24 November 2022 will be accessible online, but you will need to register to be able to participate.

The registration (booking form) is now available on the 20thISV Home Page. You can access it here: [20th International Symposium on Vulcanospeleology \(20isvdaknong.com\)](http://20isvdaknong.com)

Regards

John Brush
Chair
UIS Commission on Volcanic Caves

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) 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>
- 2) 20th International Symposium on Vulcanospeleology, 22-26 November 2022 (Dak Nong Province, Vietnam), <https://20isvdaknong.com/>
- 3) United Nations Water Summit on Groundwater, with side event on Karst Aquifers, 6-8 December 2022 (UNESCO Headquarters, Paris, France), <https://groundwater-summit.org/>
- 4) 17th Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impacts of Karst, 27-31 March 2023 (Tampa, Florida, USA), <http://www.sinkholeconference.com/>
- 5) 4th International Planetary Caves Conference, 4-7 May 2023 (Haria Municipality, Lanzarote, Spain), <https://www.hou.usra.edu/meetings/4thcaves2023/>
- 6) Clay Minerals Society Conference: Karst Trip, 20-25 May 2023 (Austin, Texas, USA), <https://cvent.utexas.edu/event/b8822615-d0e8-4730-89e4-2ef519cbeb5b/summary>
- 7) 14th International Symposium on Pseudokarst, 22-26 May 2023 (Sudetes, Poland), <https://14pseudokarst.wonders4you.com/>
- 8) US National Speleological Society Convention, 26-30 June 2023 (Elkins, West Virginia, USA), <https://nss2023.caves.org>
- 9) 37th Brazilian Congress of Speleology, 26-29 July 2023 (Curitiba, Paraná, Brazil), <https://www.cavernas.org.br/37-congresso-brasileiro-de-espeleologia/>
- 10) Geological Society of America Convention, 15-18 October (Pittsburgh, Pennsylvania, USA), <https://community.geosociety.org/gsa2023/home>
- 11) 3rd International Congress of Karst, Speleology and Enhancement of Natural Heritage, 2-5 November 2023 (Rabat, Morocco), <https://speleorabat23.sciencesconf.org/>
- 12) 9th US Geological Survey Karst Interest Group Workshop, 22-24 October 2024 (Nashville, Tennessee, USA), <http://www.usgs.gov/kig-workshop>
- 13) 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>