

# CAVE SCIENCE NEWS

## EXPLORATION EDITOR NEEDED BY JOURNAL

The *Journal of Cave and Karst Studies* is looking for a new Associate Editor of Exploration. The present Exploration Editor, Doug Medville, now serves as the NSS Administrative Vice-President and would like to step down as soon as a replacement is identified. The responsibilities of the Associate Editors are to solicit articles, arrange for appropriate reviews of papers in their fields of expertise, work with authors to prepare their manuscripts for publication, make recommendations concerning acceptance and rejection of submitted paper, and assist the Editor in gathering material for the non-refereed section of the Journal. Advice from the Associate Editors, along with the *Journal's* Advisory Board, is commonly solicited on editorial policy decisions, making an Internet address highly desirable.

The *Journal* seeks to strengthen its exploration department and is looking for a pro-active caver with contacts in the exploration community and experience in scholarly publishing. Interested candidates are asked to send a letter of interest by February 15, 1999 to the editor at: [HoseL@jaynet.wcmo.edu](mailto:HoseL@jaynet.wcmo.edu).

## POSITION AVAILABLE - CHAIRMAN OF THE NSS INTERNATIONAL EXPLORATION COMMITTEE

The International Exploration Committee is in the office of the Executive Vice President. The duties include serving as one of the points of contact for those wishing to use the NSS name in a list of sponsors for an activity or event outside of the United States. The Committee presents applications for official NSS expedition status to the Board of Governors. This committee also administers the International Exploration Fund Grant Program and assists the Fund Raising Committee in soliciting donations for this fund. Members interested in this position should contact the NSS Executive Vice President, Ray Keeler, via email [rkeeler@pcslink.com](mailto:rkeeler@pcslink.com) or call h/602-561-2917, w/602-436-6585.

## SEVENTH MULTIDISCIPLINARY CONFERENCE ON SINKHOLES AND THE ENGINEERING AND ENVIRONMENTAL IMPACTS OF KARST with an Introductory Course on Applied Karst Geology and Hydrology April 10-14, 1999 Harrisburg/Hershey, Pennsylvania

Presented by: U.S. Environmental Protection Agency; U.S. Dept. of Transportation/Federal Highway Administration; Pennsylvania Geological Survey; Association of Groundwater Scientists & Engineers of the National Ground; Water Association; Geo-Institute of the American Society of Civil Engineers; Assoc. of Engineering Geologists; Virginia Water Resources Research Center; Mid-Atlantic Karst Consortium; Karst Waters Institute; P.E. LaMoreaux & Associates, Inc.

The Seventh Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impacts of Karst will be held April 10-14, 1999, in Harrisburg/Hershey, Pennsylvania.

Geologists, geographers, engineers and others will share knowledge among the various disciplines with an emphasis on practical applications and case studies. Civil and environmental engineers, geologists, biologists, planners, and regulatory officials who deal with water resources, waste disposal, foundation stability, and other geotechnical issues will benefit from attending the Seventh Conference.

Due to popular demand, the Seventh Conference will include an optional one-day Introductory Short Course on Applied Karst Geology and Hydrology. This course is intended to provide a basic understanding of the fundamental principals of karst as they relate to real-world applications. The Short Course will be of particular benefit to local, state, and federal government officials; consultants; students; and others tasked with decision making and project management involving karst.

Conference web site: <http://www.uakron.edu/geology/karstwaters/7th.html>.

Please direct any questions concerning papers, registration, or attendance to Barry F. Beck, J. Gayle Herring, or J. Brad Stephenson.

## NEW WORLD DEPTH RECORD IN POLAND REPORTED

Zbigniew Zwolinski recently reported on the *Cavers Digest* that a Polish expedition linked the cave labeled PI-2 to Lamprechtsofen (the Leoganger Steinberge massif, the Northern Calcareous Alps, Austria) on August 19, 1998. The new depth of Lamprechtsofen reached 1632 m. If the report is confirmed, Lamprechtsofen became the deepest explored cave in the world.

## MULTILINGUAL DICTIONARY FOR SPELEOLOGISTS

The International Union of Speleology has an online dictionary of interest to cavers and karst researcher. It can be found at: <http://rubens.its.unimelb.edu.au/~pgm/uisc/lexintro.html>

## FRIENDS OF KARST MEETING BOWLING GREEN, KENTUCKY, SEPT. 23-25, 1998

The Friends of Karst held a joint meeting with UNESCO's International Geological Correlation Program, Project 379: "Karst Processes and the Global Carbon Cycle", September 23-25, 1998, in Bowling Green, Kentucky. The meeting was

organized by Chris Groves (Department of Geography and Geology, Western Kentucky University) and Joe Meiman (National Park Service, Mammoth Cave) with the help of Ken Kuehn of Western Kentucky University, and Nick and Whit Crawford of Crawford & Associates. Talks were interspersed with refreshments, meeting karst people from all over the world, trips to Mammoth Cave, and a gala banquet at Lost River Cave. It was one of the most memorable meetings we've been to, with more than 100 participants from all over the United States and the world, including China, Japan, Hungary, Poland, Romania, Belgium, United Kingdom, and Canada.

Each morning was devoted to talks covering broad topics such as the Mammoth Cave region and the CO<sub>2</sub> cycle in karst systems. On the first morning, geologic and hydrologic research in the Mammoth Cave area was reviewed by Art Palmer, Will and Bette White, and Ralph Ewers, followed by a report of a new dating technique that makes it possible to establish the very old age of the upper-level sediment in Mammoth by Darryl Granger and Derek Fabel of Purdue University. Nick Crawford reviewed the spectacular environmental karst problems in the Bowling Green area, and Joe Meiman and Chris Groves summarized current research in Mammoth Cave. This was followed by two sessions in the afternoon by individuals presenting their current research. Topics ranged from specific cave studies to regional geomorphic investigations in one session and CO<sub>2</sub> geochemistry in karst systems in the other. That evening people were bused to the Park Mammoth resort for a meal and then to Mammoth for the Half-Day Tour led by long-time karst researchers Derek Ford, Will White, Ralph Ewers, and Art Palmer.

On the second morning, representatives from the Institute of Karst Geology in Guilin, China, introduced the theme of the role of karst in the CO<sub>2</sub> cycle. Camille Ek, Julia James and Will White gave examples of CO<sub>2</sub> flux in caves, both in the atmosphere and the water. This was followed by general-interest talks by some of the well-known overseas participants. The afternoon again featured two sessions. One covered practical karst hydrologic problems and their solutions, while the other covered geochemical and isotopic studies in karst water. Several posters were on exhibit. Of note was the new atlas of Karst Ground-Water Basins in Kentucky developed by Joe Ray and James Currens. After the talks, everyone was bused to a scrumptious catered banquet at Lost River Cave in Bowling Green, which included boat tours in the cave, which is now owned by Western Kentucky University. No one returned early.

The last day featured a variety of field trips. These featured local environmental problems, a visit to the laboratory of Crawford and Associates, surface karst, and cave trips illustrating speleogenesis and geology in the Mammoth Cave system. This culminated three action-packed days in which people had the opportunity to meet many engaging foreign karst workers and to see old friends. The great effort to assemble all these people really paid off and we are all grateful to Chris and Joe for their vision and to Western Kentucky University for

organization, van transportation, and classroom space.

### ENDANGERED CAVE AND KARST SPECIES

The list of Endangered and threatened cave and karst species of North America from the U.S. Fish and Wildlife Service is available at: <http://www.fws.gov/~r9endspp/end-spp.html>.

### ILLINOIS CAVE AMPHIPOD LISTED AS ENDANGERED

An article about the U.S. Fish and Wildlife Service adding the Illinois Cave Amphipod to the endangered list appeared in the Sunday, September 6 St. Louis Post-Dispatch in the MetroWatch section on page C2 under the headline "Monroe County Cave Critter is now on U.S. endangered list". In a few days the text should be available in the archives accessible via [www.stlnet.com](http://www.stlnet.com). (Philip W. Newell)

### INTERNATIONAL SYMPOSIUM OF BIOSPELEOLOGY TO BE HELD IN CROATIA

We would like to invite you to participate in the work of The XIVth International Symposium of Biospeleology which will be held in 1999 in Makarska, Croatia. The first announcement for The XIVth International Symposium of Biospeleology and all the preliminary information can be found at <http://www.hpm.hr/biospel>.

Submitted by the Drasko Holcer for the Organizing Committee of The XIVth International Symposium of Biospeleology; Croatian Biospeleological Society; c/o Croatian Natural History Museum; Demetrova 1, HR - 10000 Zagreb, Croatia; tel +385 1 424995 fax 385 1 424998; e-mail [biospel@hpm.hr](mailto:biospel@hpm.hr).

### SPELEOLOGICAL CONFERENCE IN CUBA SCHEDULED FOR APRIL 2000

The Speleological Society of Cuba (La Sociedad Espeleológica de Cuba) will celebrate its 60th anniversary during a congress in the city of Camagüey, which is served by an international airport. "Speleology for the New Millennium" will be the theme of the meeting between April 16 - 22, 2000. The registration cost is \$100 U.S. Abstracts (<250 words) from presenters are due by December 15, 1999.

They Cubans are offering a package deal including 7 nights lodging (double occupancy), breakfast, lunch, dinner, transportation in Camagüey, and some activities for \$270 U.S.

More information on the conference may be obtained from: Angel Graña González; Secretario del Congreso; Sta B. No. 6611 Entre 66 y 70; Miramar, Playa, Ciudad de La Habana; HYPERLINK <mailto:Funat@artsoft.cult.cu>; Tel.29-2885/Fax24-0438 or Abel Perez Gonzalez; [Biokarst@cidea.unepnet.inf.cu](mailto:Biokarst@cidea.unepnet.inf.cu).