

Workshop: Best Practices in Speleothem Science

Climate Change: The Karst Record VIII

May 21 – 24, 2017
Jackson School of Geosciences, Austin, Texas, USA

Aims of the Workshop: To provide a community forum about best practices in speleothem science, including discussing established community norms, misconceptions, sharing resources and new approaches, and responses to emerging challenges impacting the field. To produce one or more articles about the workshop, including perhaps a Dear Colleague Letter to funding agencies, such as the U.S. National Science Foundation and others worldwide, that communicate community recommendations and expectations for speleothem-based research proposals.

Discussion Agenda: 10AM – 4 PM

Morning Session

Discussion Leaders

- 9:45 Coffee
- 10:00 Welcome and Goals. Trends and maturation of speleothem science. Inclusion and Mentoring. Opportunities and pathways for outreach. Amy Frappier
- 10:30 Fieldwork and sampling. Disease vectors/decontamination. Cave stakeholders, local involvement, community engagement. Emerging technologies – field to lab. Resources and wishlist? Sarah Truebe
- 11:15 Speleothem samples, collections, and archives (NCKRI ...). Cave conservation imperative (NSS/UIS ...). Responding to cave destruction. Community access and sharing. George Veni

Lunch Open discussion

Afternoon Session

- 12:45 Speleothem data users: what should they know? Data Management (US NSF...). Community data coordination initiatives / Metadata. (PAGES/SISAL, EarthCube/LinkedEarth, IEDA/EarthChem ...). Participation. LinkedEarth speleothem metadata poll. Michi Deininger
Corinne Wong
- 1:45 The changing science funding environment. Alternative science funding sources. Thinking big – coordination? International scientific coordination.
- 2:30 Open discussion. Community recommendations. Workshop products and dissemination. Amy Frappier

Notes for Participants:

- We are looking for people to help lead discussion sections. Interested? Send a note to the lead organizer with a line or two about your interest to the lead organizer Amy Frappier at ufrappie@skidmore.edu.
- Don't see a topic that you want to see on the agenda? Send a note to the lead organizer, Amy Frappier at ufrappie@skidmore.edu.
- LinkedEarth is an [EarthCube](#)-supported project developing an online platform that (1) enables paleoclimate experts to curate a public database and (2) fosters the development of community data/metadata standards. **LinkedEarth is developing data standards for speleothem data, and our community participation and input are greatly needed.** To vote in LinkedEarth polls, you must be registered with their program as a recognized paleoclimate expert.

At least three days before the workshop (by Thursday May 18th), please take 5 minutes to [join LinkedEarth](#) (scroll down the page to reach the registration link button and fill out the short registration request form). Once you're approved, you'll receive a link by email to set your password. Then you will be cleared to vote during the workshop, and of course to participate fully in LinkedEarth activities.

LinkedEarth membership is open to climate scientists with a commitment to research both inside and outside the United States. Members must be affiliated with a research institution and hold an [ORCID ID](#) prior to joining. (Registering for an ORCID ID takes about a minute.)

Graduate students are eligible to join LinkedEarth, with their advisor's sponsorship.