

Geological Society of America
Limnogeology Division Newsletter

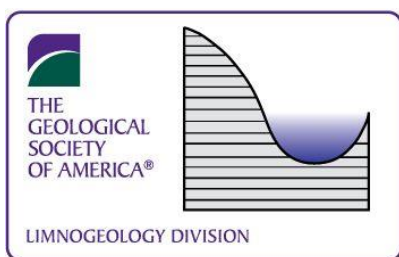
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Lake Washington

(Photo: Clemens Vasters)





Limnogeology Division Newsletter

Volume 15 Number 1

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From the Editor

Michelle Goman

Rohnert Park, CA

Welcome to the Fall 2017 edition of the Limnogeology Newsletter!

This edition of the Newsletter is shorter than normal. Please consider sending items in for publication. I welcome all types of submissions whether it be notes from the field, research lab spotlights, recent publications or other news. The Newsletter is your chance to reach out to your colleagues, please take advantage of it!

Highlights in this newsletter include a message from chair Scott Starratt, as well as a list of sessions for the upcoming Annual GSA Meeting in Seattle. Please also note the request for feedback from Chair Scott Starratt regarding the limnogeology short course.

The deadline for the spring Newsletter is April 30th 2018.

Best and see you in Seattle

Michelle (goman@sonoma.edu)

Message from the Chair

Scott Starratt

U.S. Geological Survey, Menlo Park, CA



As I write this, I am preparing for a trip to Hawai'i to collect material from bog, stream, and wet caves for evaluating the impact of invasive species and the impact of Polynesian and European contact on the algal flora. Hopefully the trip will include sampling Lake Waiau on the slope of Mauna Kea, one of the highest lakes in the US.

It has been a busy year for the Management Board. For the last year, GSA has been evaluating the role of divisions in the structure and function of the society. In March, we were asked to assess trends in membership, the role of the division in the technical program of annual and section meetings, communications, finances, and how GSA management could better serve division interests. Recommendations include expanding interactions with other divisions and associated societies, increasing the profile of the Russell Award, and improving the website and social media presence. These and other topics addressed in the GSA response to the assessment will be discussed at the Management Board meeting in October.

We organized a short course for the annual meeting with the intention of providing a broad knowledge base for limnogeology research projects, particularly for the younger members of the division. Enrollment was below the threshold required by GSA so the course was cancelled. In order to assess the membership interest in a division-sponsored short course at a future annual meeting we ask that members complete a short survey and return it to me (ssarrat@usgs.gov).

The number of abstracts submitted to division-sponsored technical sessions increased this year, allowing for oral and poster sessions honoring Beth Gierlowski-Kordesch (T94-Limnogeology-Progress, Challenges, and Opportunities on Earth and Beyond: A Tribute to Beth Gierlowski-Kordesch), a full day of oral sessions and a half day of posters covering a range of limnogeology-related topics (T93-Lacustrine Systems across Space and Time), and a session on scientific drilling on the African continent (T96-Understanding African Environmental History through Continental Scientific Drilling: Past Successes and Future Opportunities). There are numerous additional lake-oriented oral and poster presentations elsewhere in the program. We are well represented at the meeting. This meeting also welcomes the debut of the Continental Scientific Drilling IIG who will hold their first business meeting Tuesday afternoon (12:30-1:15).

And don't forget the "Seds and Suds" Joint Awards Reception (Tuesday night 6:00-8:00). Sabrina Brown of the University of Nebraska-Lincoln will receive the 2017 Kerry Kelts Student Research Award.

Division members (Michal Rosen, past division chair and Scott Starratt) recently completed the two-volume proceedings of the 6th International Limnogeology Congress which was held in 2015. A GSA Special Paper focused on lakes in western North America is also in progress and should be published in 2018. It is hoped that a portion of the proceeds from the sales of the later volume can be used to support division activities. The Management Board is also exploring the possibility of publishing a collection of limnogeology papers through AGU.

All in all, 2017 has been a busy year.

Best, Scott

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Limnogeology Division Short Course Survey

In order to better understand the integrative nature of limnogeological processes, improve the knowledge of the next generation of limnogeologists, raise the visibility of the division, the Management Board proposed a short course for the 2017 GSA Annual Meeting. The course was cancelled due to a lack enrollment. This survey is designed to help determine whether there is sufficient interest within the division membership to support a similar course at a future annual meeting. Please send responses to Scott Starratt (sstarrat@usgs.gov).

- 1) I registered for the 2017 short course entitled “What’s in my Lake” Y N
- 2) I didn’t register for the course because:
 - a. Timing was bad, but I am interested in a future course. _____
 - b. The course cost too much (professional \$150; student \$50) _____
 - c. I already know everything there is to know about limnogeology (marking this answer may lead to an invitation to be an instructor. _____
- 3) If the course is proposed in the future, what topic(s) would you like the organizers to include in the curriculum?
- 4) Would you be interested in participating as an instructor?

~*~

The 2017 Kerry Kelts Student Research Awardee is:

Sabrina Brown of the Earth and Atmospheric Science Department at the University of Nebraska-Lincoln “**Diatom-inferred Impacts of Recent Climate Change on Yellowstone National Park**”.

Sabrina will be presented with her award at the annual Division Business Meeting on *Tuesday, 24 October 2017*

Congratulations to Sabrina!

GSA Limnogeology Division Annual Business Meeting

Tuesday, 24 October 2017: 6:00 PM - 08:00 PM Washington State Convention Center, Ballroom 6E

Joint Annual Business Meeting and Awards Reception of GSA Sedimentary Geology Division, GSA Limnogeology Division and Society for Sedimentary Geology (SEPM): Free Food and Cash Bar.



Sessions Sponsored by Limnogeology Division at the 129th GSA at Seattle

<http://community.geosociety.org/gsa2017/home>

DIVISION SPONSORED SESSIONS:

52	T195. Undergraduate Research Talks: The Next Step in Student Research Projects	SUN	1:30 PM - 05:30 PM	Room Chelan 5
102	T93. Lacustrine Systems across Space and Time I	MO	8:00 AM - 12:00 PM	Room 307/308
135	T93. Lacustrine Systems across Space and Time II	MO	1:30 PM - 4:55 PM	Room 307/308
109	T172. A Call to Arms: Applying Quaternary Science in the 21st Century	MO	8:00 AM - 12:00 PM	Room Chelan 5
156:	T248. Microbialite Textures and Chemical Signatures in Continental Settings: Forging the Link between the Modern and Ancient (Posters)	MO	9:00 AM - 6:30 PM	Halls 4EF

196	T46. North Pacific Environment and Paleoclimate from the Late Pleistocene to Present I	TU	8:00 AM - 12:00 PM	Room 609
227	T46. North Pacific Environment and Paleoclimate from the Late Pleistocene to Present II	TU	1:30 PM - 5:30 PM	Room 609
226	T39. Cushman Foundation Symposium: Microfossil Mayhem—Murder, Misfortune, and More	TU	1:30 PM - 05:30 PM	Room 611
231	T88. Mudstone Facts: Deposition, Diagenesis, and Source of Basin Fluids	TU	1:30 PM - 05:30 PM	Ballroom 6C
232	T94. Limnogeology—Progress, Challenges, and Opportunities on Earth and Beyond: A Tribute to Beth Gierlowski-Kordesch	TU	1:30 PM - 5:30 PM	Room 307/308
265	T93. Lacustrine Systems across Space and Time (Posters)	TU	9:00 AM - 6:30 PM	Halls 4EF
266	T94. Limnogeology—Progress, Challenges, and Opportunities on Earth and Beyond: A Tribute to Beth Gierlowski-Kordesch (Posters)	TU	9:00 AM - 6:30 PM	Halls 4EF
302	T44. Insights from Microfossils, from Traditional to Novel Approaches	WE	8:00 AM - 12:00 PM	Room 609
309	T96. Understanding African Environmental History through Continental Scientific Drilling: Past Successes and Future Opportunities	WE	8:00 AM - 12:00 PM	Room 307/308
375	T96. Understanding African Environmental History through Continental Scientific Drilling: Past Successes and Future Opportunities (Posters)	WE	9:00 AM - 6:30 PM	Halls 4EF

SEATTLE TO DO LIST!!!!

**COME VISIT THE LIMNOGEOLOGY DIVISION BOOTH
IN THE EXHIBIT HALL!!!**

Trading cards and lanyards will be available while supplies last.....

Upcoming Meetings

Geological Society of America (GSA) Annual Convention

2018 Indianapolis, Indiana, USA 4–7 November

2019 Phoenix, Arizona, USA 22–25 September (*new location/date*)

2020 Montréal, Québec, Canada 25–28 October

2018 GSA Section Meetings

Rocky Mountain and Cordilleran Section Joint meeting

15–17 May | Flagstaff, Arizona

North-Central Section

16–17 April | Ames, Iowa

Northeastern Section

18–20 March 2018 | Burlington, Vermont, USA

South-Central Section

12–13 March | Little Rock, Arkansas

Southeastern Section

12–13 April | Knoxville, Tennessee

Go to the Limnogeology Division website at:

<http://rock.geosociety.org/limno/index.html>

To get the latest information on other Limnogeology meetings and workshops...

David Warburton, Webmaster

If you have any news, photos, articles, upcoming conferences and recent publications, you would like to share with the division, please submit it to Michelle Goman at goman@sonoma.edu