



The Hydrogeologist

Fall 2024 - Winter 2025 Issue 114

Newsletter of the GSA Hydrogeology Division

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GSA Connects 2024 Review

Anaheim

GSA Connects 2024 was held in September in Anaheim, California. A big thanks goes out to all those on the Division Management Board and Division members who helped to make the meeting a success. This edition of the newsletter has a lot of photos from Division events at the meeting including, the student poster session (p. 4), the awards ceremony (pp. 5-7), the Birdsall-Dreiss-LaMoreaux and Darcy lectures (p. 7), the Career and Networking event (p. 8), and the student reception (p. 8). GSA has not released attendance statistics for Connects 2024 yet, so be sure to look for those in the next edition of the newsletter.

Planning is underway for GSA's 2025 meetings including [Section meetings](#) and [GSA Connects](#). We encourage Division members to help make the Section meetings a success by submitting abstracts for technical talks. Details about the Section meetings can be found in GSA Section News on page 10. We also encourage Division members to submit proposals for [technical sessions](#) for GSA Connects 2025. The deadline to submit a proposal for a technical session is January 31st. Questions about proposals for technical sessions can be directed to Kathy Knierim (kknierim@usgs.gov) or Yipeng Zhang (yipeng.zhang@okstate.edu), the Division's Joint Technical Program Committee senior and junior representatives. You can get to know a little bit about Kathy by reading her bio on page 9.

Important deadlines

- **January 31st deadlines:**
 - [Short course proposal](#) deadline for GSA Connects 2025
 - [Field trip proposal](#) deadline for GSA Connects 2025
 - [Technical session proposal](#) deadline for GSA Connects 2025
- **February 1st deadline:**
 - Awards nominations deadline
 - Please submit nominations for the [O.E. Meinzer Award](#), [Kohout Early Career Award](#), [George Burke Maxey Distinguished Service Award](#), [Schwartz Award for Excellence in Mentoring and Education](#), and the [Birdsall-Dreiss Distinguished Lecturer](#) and [LaMoreaux International Lecturer](#) to gsa.hydro.nominations@gmail.com
- **February 2nd deadline:**
 - Deadline for [GSA Graduate Student Research Grant applications](#)
- **Abstract submission deadlines for Section meetings vary.** See page 10.

GSA Connects 2025

19-22 October

San Antonio, Texas, USA

Chair's Corner



Don Rosenberry,

Chair,

GSA Hydrogeology Division

Greetings from your newest chair of Hydrogeology Division's management board. My turn at the helm began on the last day of the GSA Connects conference in Anaheim and extends until the next Connects conference in San Antonio (October 19-22, 2025 – Put it on your calendar now!). The Anaheim conference was a very busy, productive, and fun time for me. Despite numerous division-related duties, I still found time to attend several technical sessions and learn more about groundwater-related issues in the arid southwest.

These conferences are all about making new connections. They're where we catch up with the latest goings on in our respective areas of science, where we present our recent findings and get new ideas from seeing other's results. They're where we reconnect with old friends and first connect with new colleagues. If you also attended GSA Connects in Anaheim, I'm confident you also returned home with renewed energy and new ideas about advancing your science. My first edition of the Chair's Corner is filled with gratitude for all those who worked to make the Anaheim conference such a fun and valuable experience. Many many thanks to Chris Carlson for leading the way this past year as our division chair and for continuing to lead as he takes on the advisory role of past chair. Additional thanks go out to so many more who collectively made this year's conference such a rousing success and wonderful time. Once again, Hydro Division's action-packed Tuesday afternoon was the highlight of the week. During the awards ceremony, we applauded the recipients of the prestigious awards that the Hydrogeology Division grants each year. Cara Peterman-Phipps and Miguel Valencia paired seasoned practitioners with students and post-docs during the Career Networking Event. Todd Halihan emceed the always humorous, fun, lively, and even educational student reception while Tara Root handed out fabulous prizes that she and others secured for the benefit of our next generation of hydrogeologists. Thanks too to the gracious donors of those items!

Huge thanks to those who chaired Pardee and topical sessions in Anaheim. Marty Frisbee and Kathy Knierim, our division's representatives on the Joint Technical Program Committee that puts together the technical sessions, did a fabulous job. Not once did I have to dash from session to session to attend my must-see talks. For the San Antonio conference in 2025, Marty rotates off and Yipeng Zhang joins Kathy to put together the sessions associated with the Hydrogeology Division. Can they do it again? Marty and Kathy set a high bar, but Kathy is now a seasoned veteran. They will need good material to work with, so start thinking now about submitting a session proposal for next year's conference at [Proposal Submission - Connects 2025 \(geosociety.org\)](https://www.geosociety.org/Proposal-Submission-Connects-2025).

Until I joined the management board as second vice chair, I had no idea what goes into keeping the Hydro Division humming along. It's a fair bit of work that is made easier because everyone steps up and gets involved. Thanks to Chris Gellasch (Past chair), Sue Swanson (DEI coordinator), and Desire Piphus (Sr. student rep.) for your service these past few years that is now ending. Thanks to Kallina Dunkle (2nd vice chair), Moe Muldoon (DEI coordinator), and Dami Abioye (Jr. student rep.) for stepping up to lead the way during the coming years. Thanks too to Richelle Allen-King (new 1st vice chair), Marcia Schulmeister (Section rep.), and Megan Jones

Continued on page 3.

It's now easier to donate to the GSA Hydrogeology Division than ever!

Check out the new **Donate!** button at the top of the division's [webpage](#).



GSA Hydrogeology Division

Chair's Corner, continued

(new Sr. student rep.) for continuing to serve on the management board for another year. And extra-special thanks oh so much to Cara Peterman-Phipps for serving yet one more year as our secretary. This is likely the toughest task and one that is crucial to the success of the Hydro Division. I'm so grateful that her institutional memory and amazing organizational skills will be readily available as we work together this coming year.

GSA's Hydrogeology Division is much more than the annual conference. It's more than the six sectional meetings also held each year. This division exists to help us each do our jobs better and to collectively advance our science. Because we are spread across the globe, frequent and effective communication is absolutely essential. Huge thanks to Tara Root who continues to assemble and edit our division newsletter [Newsletters - Hydrogeology Division \(geosociety.org\)](https://www.geosociety.org/newsletters-hydrogeology-division). I particularly enjoy trying to figure out (with an alarmingly low success rate) where in the world those photos that appear in each issue were taken. Thanks so much to Mike Sukop and Natajah Fuller for keeping our website vibrant and up to date. And thanks to Prosun Bhattacharya (International Division Liaison) and Brian Katz (GSA Council Liaison) for continuing to represent Hydro Division's interests.

Thanks to the folks mentioned above, and to so many others I should also have thanked, my job as chair should be a piece of cake, right? Here's to working together to make our 66th year as a division even more valuable for our members.



Stay current on developments in the Hydrogeology Division by joining our Facebook group, following us on Instagram, and tweeting us @GSAHydrogeology!

Facebook: <https://www.facebook.com/groups/93897080123/>

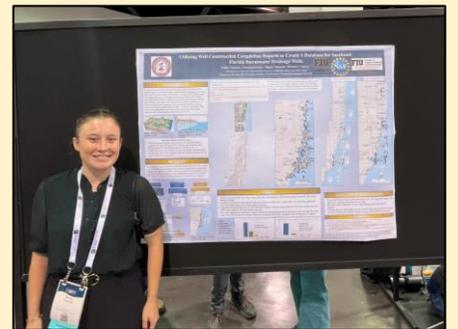
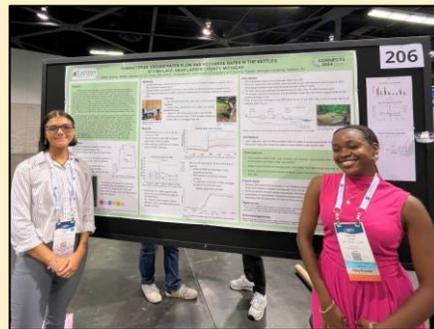
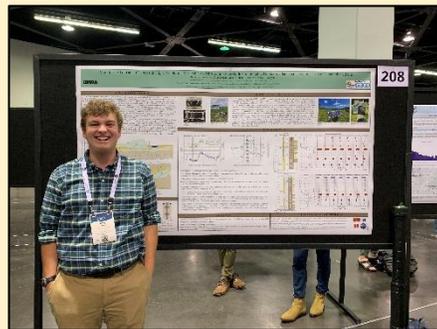
Instagram: https://www.instagram.com/gsa_hydrogeology/

Twitter: <https://twitter.com/GSAHydrogeology>

LinkedIn: <https://www.linkedin.com/in/gsa-hydrogeology-division-4981b2263/>

GSA Connects 2024 in Photos – Student Poster Session

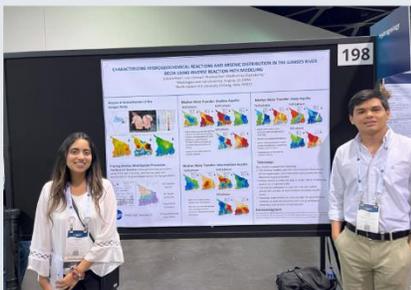
(Photos provided by Miguel Valencia and Desire Piphus)



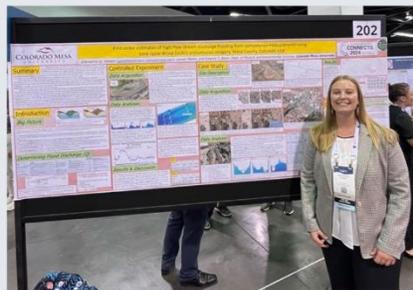
Congratulations to the 2024 Undergraduate Student Poster Competition Winners!!!

- 1st Place – Henry Frederick (University of Iowa): Monitoring Transient Changes in High-Resolution Vertical Gradients to Improve Hydrostratigraphic Units for Glaciogenic Sediments at a Contaminated Site (Left)
- 2nd Place – Sydney Davis and Jasmine Ross (Eastern Michigan University): Characterize Groundwater Flow and Recharge Rates in the Kettles at Fish Lake, Near Lapeer County, Michigan (Center)
- 3rd Place – Emily Connick (Florida International University): Utilizing Well Construction Completion Reports to Create a Database for Southeast Florida Stormwater Drainage Wells (Right)

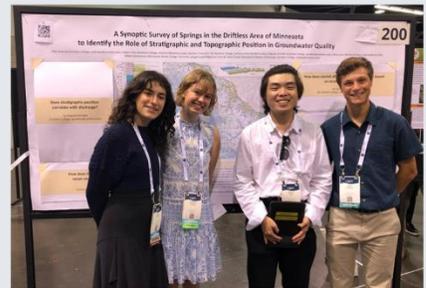
Thanks to all the students that shared their research during the Showcase of Undergraduate Research in Hydrogeology poster session. It was a great session!



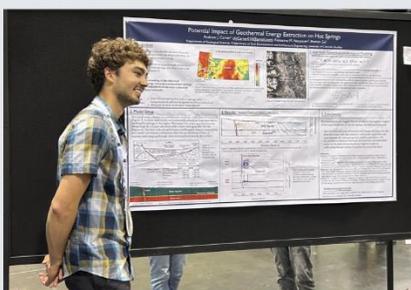
Zuhaira Noor and Luis Coronel (Washington and Lee University)



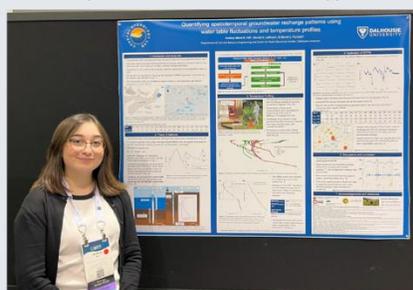
Graceanne Hanson and Lauren Martin (Colorado Mesa University)



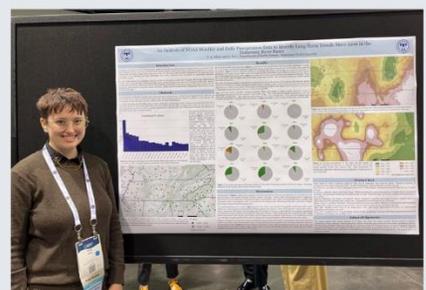
Chloe Fandel, Augusta Gruhlke and Pilar Andruet (Carleton College), Edwyn Choi (Amherst College), and Zachary Embacher (St. Norbert College)



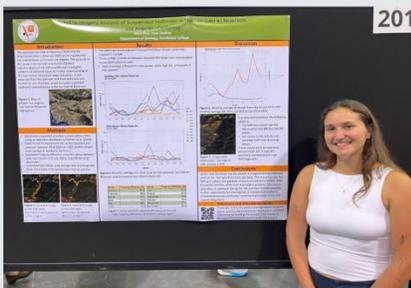
Andrew Carter (University of Colorado)



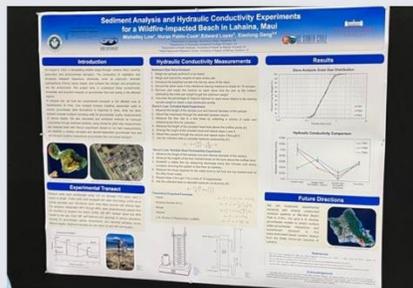
Audrey Hill (Dalhousie University)



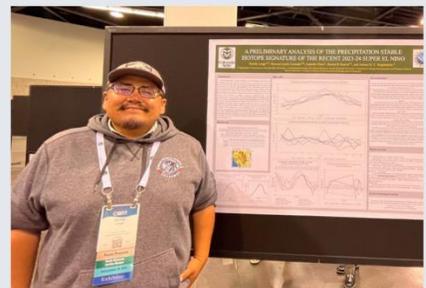
Theo Kline (Tennessee Tech University)



Aya Sloo (Occidental College)



Mishelley Low (Haverford College)



Randy Largo (Navajo Technical University)

GSA Connects 2024 in Photos - Award Ceremony

(Photos provided by Mike Sukop and others)



Dick Parizek (right) receiving the Schwartz Award with Chris Carlson (left).



Kip Solomon (right) receiving the Meinzer Award with Chris Carlson (left).



Bayani Cardenas announced as the 2025 Birdsall-Dreiss-LaMoreaux lecturer.



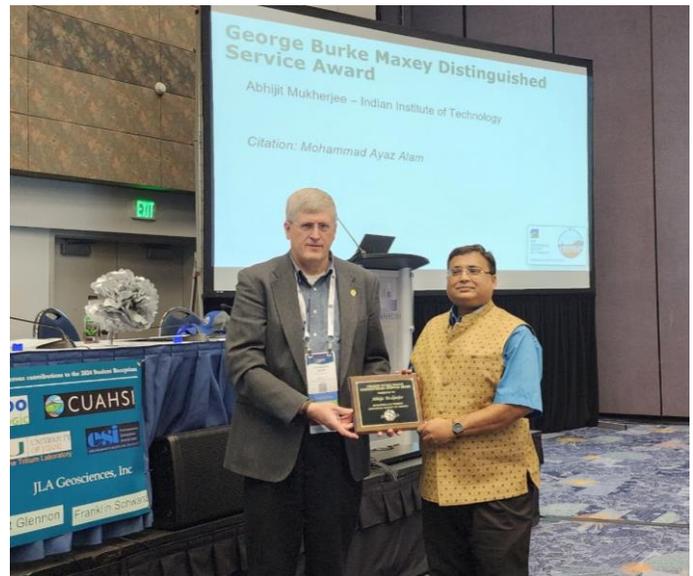
Ben Rostron (left) receiving plaque for the 2024 Birdsall-Dreiss-LaMoreaux Lectureship with Chris Carlson (right).

GSA Connects 2024 in Photos – Award Ceremony, cont.

(Photos provided by Mike Sukop and others)



Julia Guimond (right) receiving the Kohout Early Career Award with Barret Kurylyk (left) and Chris Carlson (center).



Abhijit Mukherjee (right) receiving the Burke Maxey Distinguished Service Award with Chris Carlson (left).

The Hydrogeology Division congratulates the 2024 Graduate Student Research Award winners.

- **Samuel Carter**, University of Utah, advised by Dr. Kip Solomon: Using environmental tracers to develop a conceptual framework of groundwater inflow into Farmington Bay, Great Salt Lake, UT
- **Kwaku Asiedu**, University of Georgia, Athens, advised by Charlotte Garing: Hydrogeophysical investigation of the Clairborne aquifer
- **Lindsey Cromwell**, University of Florida, advised by Matt Cohen: Florida springs: A framework to understand spatial and temporal PFAS variability and cost-effective sampling
- **Cameron deFabry**, University of Texas at Austin, advised by Dr. Bayani Cardenas: Aquifer deformation driven arsenic mobilization in the world's most populous delta: Interpretations from InSar
- **Erik Levenson**, University of Oregon, advised by Sarah Cooley: Assessing the physiographic and climatic drivers of surface water runoff in the Yukon River Basin
- **Tal Shutkin**, The Ohio State University, advised by Bryan Mark: Evaluating glacial meltwater and groundwater contributions to dry season water availability in the Cordillera Huaytapallana, Peru



GSA Connects 2024 in Photos – Award Ceremony, cont.

(Photos provided by Mike Sukop, Chris Carlson and others)

Congratulations to Hydrogeology Division members who were elected to GSA fellowship in 2024

2025 fellowship nominations are due by February 1st. Details about the nomination process can be found [here](#).



GSA Connects 2024 in Photos

(Photos provided by Mike Sukop, GSA, and others)



Top: Division management board meeting; Bottom left: Ben Rostron delivers the Birdsall-Dreiss-LaMoreaux lecture; Bottom center: Anaheim Convention Center; Bottom right: Matt Becker delivers the Henry Darcy lecture.

GSA Connects 2024 in Photos

(Photos provided by Mike Sukop, GSA, and others)



Students network with professionals (left) and Steve Van der Hoven (right) delivers the keynote address at the Career and Networking Event.



Students organize into teams for the trivia game (left) that Todd Halihan emcees (center), and a team of students displays the prizes they won (right) at the student reception.



Upper left: Mike Sukop and Dick Parizek; Bottom left: Meeting attendees networking; Center: Don Rosenberry and Chris Carlson at the Hydrogeology Division booth; Upper right: The poster area in the exhibit hall; Bottom right: The Anaheim Convention Center.

Donors for the 2024 Hydrogeology Division Student Reception

A big thank you goes out to all the donors who helped make the Hydrogeology Division's 2024 Student Reception a success. Dozens of students participated in the "What the Well Do You Know?" trivia contest, and, thanks to our generous donors, all of them went home with a prize of either a book, a software license, a voucher for sample analyses, a professional society membership, or swag.

Donations of prizes for next year's student reception can be made at any time during the year. If you would like to donate or suggest a potential donor for us to reach out to, please contact Tara Root at hydrogeology.division.gsa@gmail.com.

The GSA Hydrogeology Division thanks the following donors for their generous contributions to the 2024 Student Reception:

Bob Sterrett **William Alley** **THE GEOLOGICAL SOCIETY OF AMERICA®** Mann Mentor Award **Robert Glennon** **Franklin Schwartz**

Meet Katherine (Kathy) Knierim, the Hydrogeology Division's 2023-2025 Joint Technical Program Committee Senior Representative



Katherine (Kathy) Knierim is a hydrologist with the Lower Mississippi-Gulf Water Science Center, based in Little Rock, Arkansas. Her primary area of expertise lies in groundwater quality research. Over her career with the USGS, Kathy has contributed to a wide array of projects, maintaining a consistent focus on groundwater studies. Notably, she played a key role in the Ozark Plateaus Groundwater Availability project, which involved the development of a groundwater flow model for the Ozark Plateaus Regional Aquifer System. Kathy also served as a lead modeler for a National Water Quality Assessment project, where she utilized machine learning techniques to predict groundwater quality within the Mississippi Embayment Regional Aquifer System. In addition, she led the Water Quality task for the Mississippi Alluvial

Plain Project, employing groundwater age tracers to better understand the recharge rates and age of one of the most intensively pumped aquifers in the country.

Currently, Kathy is contributing to a national groundwater quality project that uses machine learning to predict salinity levels. She is also collaborating with the Geology, Energy, and Minerals Science Center on efforts to characterize lithium deposits in the Smackover Formation. Moreover, Kathy is a member of the Joint Technical Program Committee (JTPC) for the Hydrogeology Division of the Geological Society of America (GSA), where she is involved in organizing technical programs for the GSA Connects 2025 conference. She encourages division members to share their ideas for programs to be included in GSA connects 2025. You can reach her by email at knierim@usgs.gov.

GSA Section News

By Marcia Schulmeister, GSA Hydrogeology Division Section Representative Coordinator

Hello from your Section leadership. The Division's influence at the regional level is ever-expanding, with 27 hydro-related sessions at this year's section meetings (there were 20 last year). This year's section meetings will take place next spring in Erie, PA, Conway, AK, Sacramento, CA, Provo, UT and Harrisonburg, VA. and feature some excellent topics! Meeting dates, locations and hydrogeology-related sessions are listed below. **Please note that abstract deadlines are earlier than usual this year for most meetings.** They are:

- December 17th for the Southeastern, South-Central, and the combined North-Central/Northeastern section meetings
- January 28th for the Cordilleran and Rocky Mountain section meetings.

Detailed descriptions of each session and registration and abstract submission portals can be found at: <https://www.geosociety.org/GSA/GSA/Sections/Home.aspx>.

Date	Section Location	Hydrogeology-related Sessions
May 15-17	Cordilleran Sacramento, CA	<ul style="list-style-type: none"> • T1. Modeling Water Availability in the Western United States: Hydrology, Tools, Climate Change, and Uncertainty • T2. Hydrothermal Systems, Processes, and Resources • T3. Hydrogeologic Basin Characterization in California: Integrated Approaches Using Geophysical, Geologic, and Hydrologic Methods • T4. Investigations of Hydrologic Resources in the Cordillera • T5. Challenges and Advances in Characterizing Groundwater Systems in Young Volcanic Terranes of the Western U.S. • T6. Recent Advances in Subsurface Framework to Assist Groundwater and Carbon Sequestration Applications • T7. The Search for Potentially Usable Groundwater: Advances in Groundwater Salinity Mapping • T22. Urban Estuary: Lake Merritt, Jewel of Oakland
Mar 9-11	South-Central Conway, AR	<ul style="list-style-type: none"> • T9. Water, Water Everywhere: Hydrology and Water Quality in the South-Central U.S. • T16. Conserving the Sparta (Freshwater) Aquifer of South Arkansas
May 18-20	Rocky Mountain Provo, UT	<ul style="list-style-type: none"> • T11. Alpine Hydrology in the Rocky Mountains • T12. Advances and Applications in Water Resources of the Intermountain West

Table continued on next page.

GSA Section News, Cont.

Date	Section Location	Hydrogeology-related Sessions
Mar 27-30	North-Central/ Northeastern Erie, PA	<ul style="list-style-type: none"> • T17. Groundwater Mapping and Monitoring • T19. Urban Geochemistry • T20. Groundwater Modeling Case Studies and Research Through the Midwest and Northeast • T21. Salinization of Freshwater • T22. Machine Learning Approaches in Hydrology and Water Resources • T24. Northeast Water Cycle Research: Collaborative Studies of Watershed Processes to Address Water Resource Challenges in a Changing Climate • T29. Orphan Wells, Fugitive Hydrocarbons, and a Legacy of Efforts Toward a Brighter Future • T31. Advances in Characterizing and Treating Contaminants in Water Resources
Mar 19-21	Southeastern Harrisonburg, VA	<ul style="list-style-type: none"> • T3. Water Quality in the Southeast U.S. • T4. Recent Advances in Southeastern Hydrology • T5. Advances in Ground Surface Modeling for Hydrological and Environmental Applications • T6. Applications of GIS and Remote Sensing Techniques in Geoscience and Environmental Science • T10. Geoscience at Work: Current Trends in the Industry • T25. New Frontiers in Cave and Karst Science • T27. Tourism through Cave & Karst Landscapes: Show Cave Management, Education, Research, and Community

From the Editor

Welcome to the Fall 2024-Winter 2025 edition of the Hydrogeologist. We decided again this year to publish the winter edition of the newsletter in December instead of January to make information about GSA's Section meetings (pp. 10-11) available sooner.

As usual, this post-Connects edition of the newsletter is dedicated to summarizing the Division's events at the annual meeting. I hope you all enjoy looking through the photos of the 2024 Connects meeting on pages 4-8.

In addition to the photos, there is a lot of Division news in this edition of the newsletter, including bios to help you get to know the Division's new Junior Student Representative (p. 13), 2023-2025 JTPC Senior Representative (p. 9), and some of our section representatives (p. 12). Also be sure to check out the notes and tidbits from Cara Peterman-Phipps, the Division's secretary, on page 13.

Please don't hesitate to reach to me if you have suggestions or contributions for the newsletter.

Tara Root

troot@usgs.gov

Getting to know your Section Rep.

Geoff Cromwell: Cordilleran Section representative for the GSA Hydrogeology Division



Geoff Cromwell is a Research Geologist with the U.S. Geological Survey (USGS) California Water Science Center. He earned his PhD in 2014 in Earth Sciences from Scripps Institution of Oceanography at University of California San Diego. He joined the USGS full-time in 2015 after a brief career as an Adjunct Professor at Occidental College (Los Angeles, CA). Geoff's field of expertise is 3D hydrogeologic characterization of aquifer systems. He integrates geologic, hydrologic, and geophysical data to better understand hydrogeologic processes in groundwater basins throughout California. Serving as Cordilleran Section Representative for the Hydrogeology Division is his first volunteer role with the Division. Geoff is looking forward to the GSA Cordilleran Section Meeting in Sacramento, CA, in April 2025. There is a great set of interesting hydrogeology sessions at the meeting. Abstracts are due January 28, 2025!! Geoff lives in San Luis Obispo, California, with his wife, 3-year-old daughter, and Chaz the Cat.

Patrick Burkhardt: Northeastern Section representative for the GSA Hydrogeology Division



My first GSA field trip was Tectonics, Water, and Politics (1990). In the company of two vans full of esteemed hydrogeologists, we spent three days traversing south from the headwaters of the Owens River, past Mono Lake, the Los Angeles aqueduct, the Saint Francis Dam, and onward to the convention center in San Diego. As we discussed the Kesterson Reservoir, Salton Sea, and the Colorado River, my understanding of water supply issues erupted upward several quantum levels, outluffed only by my artesian interest in the profession of hydrogeology, and more expansively, the global water cycle.

At once, my commitment to the GSA became concentrated like a brine. For decades now, I have continued to revel in field trips, Pardee

Symposia, and professional networking. My pathway to gracious reciprocity, as a recipient of impactful GSA mentoring, has been to organize meetings in order that we might pass forward fabulous opportunities to other aspiring scientists. I joined the Tech Program Committee for several national meetings and have spearheaded many spring meetings for the Northeast Section. If you have enjoyed meetings in Denver, Vancouver, Pittsburgh, Baltimore, or Reston, perhaps I have read your session proposal, if not your abstract too.

Today, I am back at it planning the joint NE-NCGSA meeting in Erie, Pa 27-30 March 2025. The Alleghenies are my home mountains, while Lake Erie is my playground. Presque Isle State Park is a beloved landscape where I learned my first Environmental Science. For you, I hand-picked the Bayfront Landing Convention Center! Surrounded by Erie Bay on three sides, you are going to love the view from your hotel room. We are going to make a splash enjoying that meeting campus for four days! The nearby beaches and bluffs are beautiful beyond description. The tech program is packed with sessions distilling the hydrogeology of clean waters and tainted ones, climate change, evolving regulations, and the emerging opportunities for students, scientists, and citizens alike. Please plan to attend your spring meeting to help propel our professional prosperity.

Clean water! We all live downstream.

Secretary's Corner

By Cara Peterman-Phipps, PhD

A few notes and tidbits from the Secretary.

Now that our annual conference has ended, it is a good time to start thinking about nominations for next year. We are seeking nominations for the following awards, Birdsall-Dreiss and LaMoreaux International Distinguished Lecturer, O.E. Meizner Award, Schwartz Award for Excellent in Mentoring and Education, Kohout Early Career Award, and the George Burke Maxey Distinguished Service Award. Information about the awards can be found on our [division website](#) under the awards tab. The nomination deadline is February 1st, 2025. Nominations can be emailed to GSA.hydro.nominations@gmail.com. If you have any questions feel free to reach out to me or the division chair, Don Rosenberry.

Without your efforts to develop and submit nominations to recognize colleagues for their contributions to our science, the Division will be unable to present awards.

Wishing everyone a great holiday season.

Kind regards, Cara

Meet the Division's New Junior Student Representative



Riliwan Damilola ("Dami") Abioye is a third-year PhD candidate at the School of the Earth, Ocean, and Environment (SEOE) at the University of South Carolina, Columbia. His dissertation focuses on investigating the risks of impairment of septic systems due to rising water tables in coastal South Carolina. This research involves developing models to understand the long-term risks of groundwater impairment. In addition to his studies, Dami serves as a Research/Instructional Assistant at the University of South Carolina. He enjoys running and watching soccer in his leisure time.

Where in the World is This?



Think you know where this is?
Email your guess to troot@usgs.gov.

How to Post on the Hydrogeology Division's Discussion Board

It was suggested at a recent Management Board meeting, that it would be helpful to provide Division members some guidance on how to create a post on the division's Connected Community discussion board. That discussion led to Kimberly Von Feldt from GSA creating a [tutorial for posting to any of GSA's community discussions boards](#). A modified version of Kimberly's tutorial that describes how to post to specifically to the Hydrogeology Division's Connected Community is provided below.

- 1 Visit <https://community.geosociety.org/hydrodivision/home> and sign in.

[Contact Us](#) [GSA Website](#) [GSA Community](#) [Sign in](#)



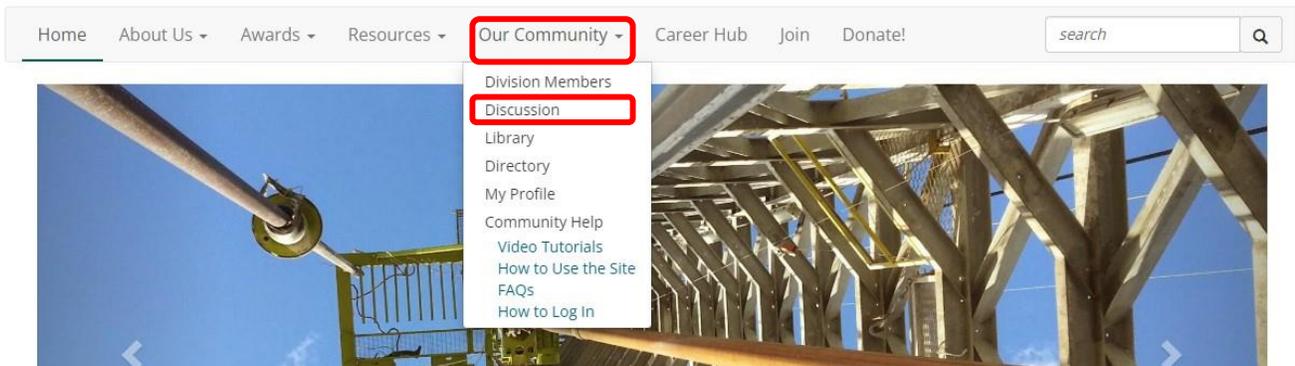
GSA Hydrogeology Division

[Home](#) [About Us](#) [Awards](#) [Resources](#) [Our Community](#) [Career Hub](#) [Join](#) [Donate!](#)

search



- 2 After signing in you will be back on the Division's home page. From there, click on 'Discussion' in the pull-down menu under 'Our Community'.



- 3 Click on 'Post New Message'.

Discussion

Most Recently Updated

10 per page

[Post New Message](#)

Thread Subject

Replies

Last Post

[Give the gift of a GSA membership](#)

0

5..days..ago by [Donald Rosenberry](#)

Continued on page 15.

How to Post on the Hydrogeology Division's Discussion Board, Cont.

- 4 Add a subject for your post.

Start New Thread

Post to community
Hydrogeology Division

Discussion subject
TEST

Yes Automatically insert content preview for links

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- 5 Type/paste the message you would like to post.

Start New Thread

Post to community
Hydrogeology Division

Discussion subject
TEST

Yes Automatically insert content preview for links

11pt Paragraph **B** *I* U ~~S~~ (i) [List Icons] **A** [Color Icon] [List Icons] \times_2 \times^2 Ω

[Image Icon] [Video Icon] [Image Icon] [Link Icon] [Image Icon] [List Icons] @ # *I* [Image Icon]

- 6 Once finished with your message, click on 'Post'. You may also 'Schedule' your post for a later date/time or 'Save as Draft'.

11pt Paragraph **B** *I* U ~~S~~ (i) [List Icons] **A** [Color Icon] [List Icons] \times_2 \times^2 Ω

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TEST

p [Image Icon] [Image Icon]

Last auto-saved at: 11-26-2024 18:09

> Signature [Add Attachment](#)

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Where in the World was That?



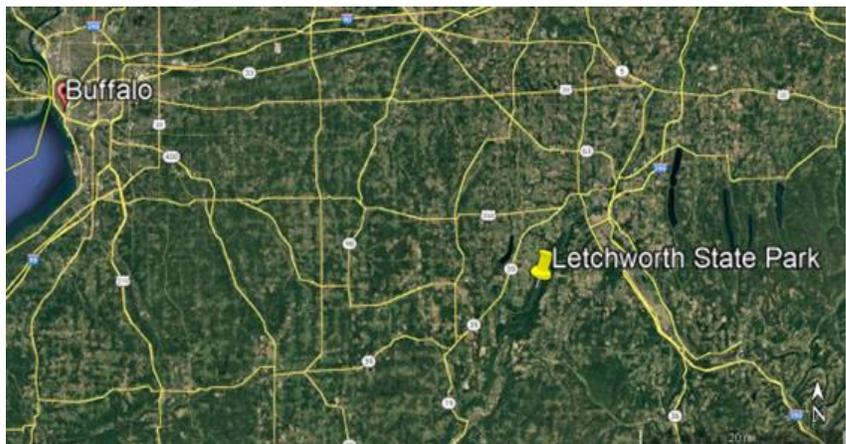
The Where in the World in the Fall 2024 edition of the *Hydrogeologist* was the upper falls on the Genesee River in Letchworth State Park in New York. This state park is known as the "Grand Canyon of the East", with canyon walls rising as much as 600 ft above the Genesee River. In 2015, Letchworth was named the USA Readers' Choice Best State Park in the U.S.

Letchworth covers 14,000 acres and includes 66 miles of trail and a 17-mile stretch of the Genesee River. There

are three waterfalls in the park, including the upper falls pictured in the upper left photo. The upper right photo shows seeps in the canyon walls and a tufa deposit beneath the seeps.

The park is named after William Pryor Letchworth who, after being inspired by the view of the canyon while crossing the river on a train ride in 1858, purchased 190 acres near the middle falls. To protect the area from development, Letchworth continued to purchase land through 1906, at which point he granted the land to the state of New York for use as a public park. His generosity motivated his niece to write the following dedication to him, which is displayed on a plaque in the park:

*"God wrought for us this scene beyond compare
But one man's loving hand protected it
And gave it to his fellow-men to share."*



Important Dates

Deadline for 2026 Penrose Conference and Thompson Field Forum proposals	Dec 15, 2024
Deadline for South-Central Section Meeting abstracts submissions	Dec. 17, 2024
Deadline for Southeastern Section Meeting abstracts submissions	Dec. 17, 2024
Deadline for Joint Northeastern and North-Central Meeting abstracts submission	Dec. 17, 2024
Deadline for Student Advisory Council nominations	Dec. 31, 2024
Deadline for NPS Scientists in Parks (SIP) applications for summer positions	Jan. 19, 2025
Deadline for Geocorps™ America applications for summer positions	Jan. 26, 2025
Deadline for Cordilleran Section Meeting abstracts submissions	Jan. 28, 2025
Deadline for Rocky Mountain Section Meeting abstracts submissions	Jan. 28, 2025
Deadline for AGeS-Grad program applications	Feb. 1, 2025
Deadline for GSA Graduate Student Research Grant applications (and previous year's reports)	Feb. 2, 2025
GSA South-Central Section Meeting	Mar. 9-11, 2025
GSA Southeastern Section Meeting	Mar. 19-21, 2025
GSA Joint Northeastern and North-Central Section Meeting	Mar. 27-30, 2025
GSA Cordilleran Section Meeting	Apr. 1-4, 2025
The Geology of Cuba : Key for the Tectonic Evolution of the Caribbean	Apr. 12-18, 2025

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APRIL 2025						
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THE HYDROGEOLOGIST

The Hydrogeologist is a publication of the Hydrogeology Division of the Geological Society of America. It is published electronically four times a year to communicate news of interest to members of the Hydrogeology Division and can be accessed at: <https://community.geosociety.org/hydrodivision/home>. Members of the Hydrogeology Division who have electronic mail will receive notification of all new issues. Other members will receive paper copies.

Contributions and suggestions are welcome and should be directed to the Editor. The deadline for the spring issue is March 1, 2025.

Tara Root, Editor
 The Hydrogeologist
 US Geological Survey, Caribbean-Florida Water Science Center
 3321 College Ave.
 email: troot@usgs.gov
 Davie, FL 33314
 phone: 561-400-7719

Important Announcement!!!

If you paid for a lifetime membership, you still need to pay division dues to stay active in division spaces.

Hydrogeology Division Contacts

2023-2024 Management Board

- **Chair:** Don Rosenberry (rosenber@usgs.gov)
- **First Vice-Chair:** Richelle Allen-King (richelle@buffalo.edu)
- **Second Vice-Chair:** Kallina Dunkle (dunklek@apsu.edu)
- **Secretary:** Cara Peterman (cphipp@usgs.gov)
- **Past-Chair:** Chris Carlson (christopher.carlson@usda.gov)
- **Diversity, Equity and Inclusion (DEI) Officer:** Maureen Muldoon (muldoon@wisc.edu)
- **Section Representatives Coordinator:** Marcia Schulmeister (mschulme@ku.edu)
- **Senior Student Representative:** Megan Jones (megan_iones2003@yahoo.com)
- **Junior Student Representative:** Riliwan Damilola (Dami) Abioye (rabiyo@seoe.sc.edu)

Standing Committees

- **Technical Program Committee:** Yipeng Zhang (2024-2026 JTPC Representative: yipeng.zhang@okstate.edu), Kathy Knierim (2023-2025 JTPC Representative: kknierim@usgs.gov), Marty D. Frisbee (2023-2024 JTPC Representative), Paul Stackelberg (2021-2024 JTPC Representative, Vice-Chair: pestack@usgs.gov).
- **Nominating Committee:** Chair: Andrea Brookfield (2022-2024) (andrea.brookfield@uwaterloo.ca), Chris Gellasch (chris.gellasch@emich.edu), Yu-Feng Lin (yflin@illinois.edu)
- **Meinzer Award Committee:** Kip Solomon (2025 – 2027), Jimmy Jiao (2024 - 2026), Beth Parker (2023 - 2025), Holly Michael (2022 – 2025, hmichael@udel.edu), Ed Harvey (2022 – 2025, fedwinharvey@gmail.com)
- **Kohout Early Career Committee:** Dorothy Vesper (dorothy.vesper@mail.wvu.edu), Scott Jasechko (jasechko@bren.ucsb.edu), Chen Zhu (chenzhu@indiana.edu), Barret Kurylyk (Barret.Kurylyk@dal.ca), Christa Kelleher (ckellehe@syr.edu)
- **George Maxey Distinguished Service Award Committee:** Prosun Bhattacharya (prosun@kth.se), Steven Ingebritsen (seingebr@usgs.gov), Alan Fryar (alan.fryar@uky.edu)
- **Birdsall-Dreiss Lecturer Committee:** Laura Crossey (lcrossey@unm.edu), Jonathan Martin (jbmartin@ufl.edu), Randy Stotler (randy.stotler@uwaterloo.edu), Bill Cunningham (wcunning@usgs.gov), Barbara Bekins (babekins@usgs.gov)
- **Archives:** Jim Thomas (Jim.Thomas@dri.edu)

GSA Councilor/Division Liaison Representative

- Brian Katz (bg_katz@hotmail.com)

Ad Hoc Committees

Section Representatives:

- Cordilleran: Geoff Cromwell (gcromwell@usgs.gov), Paul Stackelberg (pestack@usgs.gov)
- Northeastern: Patrick Burkhart (patrick.burkhart@sru.edu), David West (dwest@middlebury.edu), Todd Rayne (trayne@hamilton.edu)
- North-central: Peter Riemersma (riemersp@qvsu.edu), Eung Seok Lee (leeel@ohio.edu)
- South-central: Marcia Schulmeister (mschulme@ku.edu), Katherine Knierim (kknierim@usgs.gov)
- Rocky Mountain: Greg Carling (greg.carling@byu.edu), Jerry Farley (jfairley@uidaho.edu)
- Southeastern: Jeffrey Wilcox (jwilcox@unca.edu), Steve Baedke (baedkesj@jmu.edu)
- International, Prosun Bhattacharya (prosun@kth.se)

Representatives to Other Societies:

American Institute of Professional Geologists (AIPG), Chris Gellasch (chris.gellasch@emich.edu)
 American Geophysical Union (AGU), Barbara Bekins (babekins@usgs.gov)
 American Geosciences Institute (AGI), David Wunsch (dwunsch@udel.edu)
 Consortium of Universities for the Advancement of Hydrologic Science, Inc. (CUAHSI), Holly Michael (hmichael@udel.edu)
 National Groundwater Association (NGWA), Bill Alley (walley@ngwa.org)
 International Association of Hydrogeologists (IAH), Jack Sharp (jmsharp@mail.utexas.edu)
 SEPM (Society for Sedimentary Geology), Gary Weissman (weissman@unm.edu)
 Soil Science Society of America, Michael Young (Michael.young@beg.utexas.edu)

HYDROGEOLOGY

Hydrogeology Division Contacts, Cont.

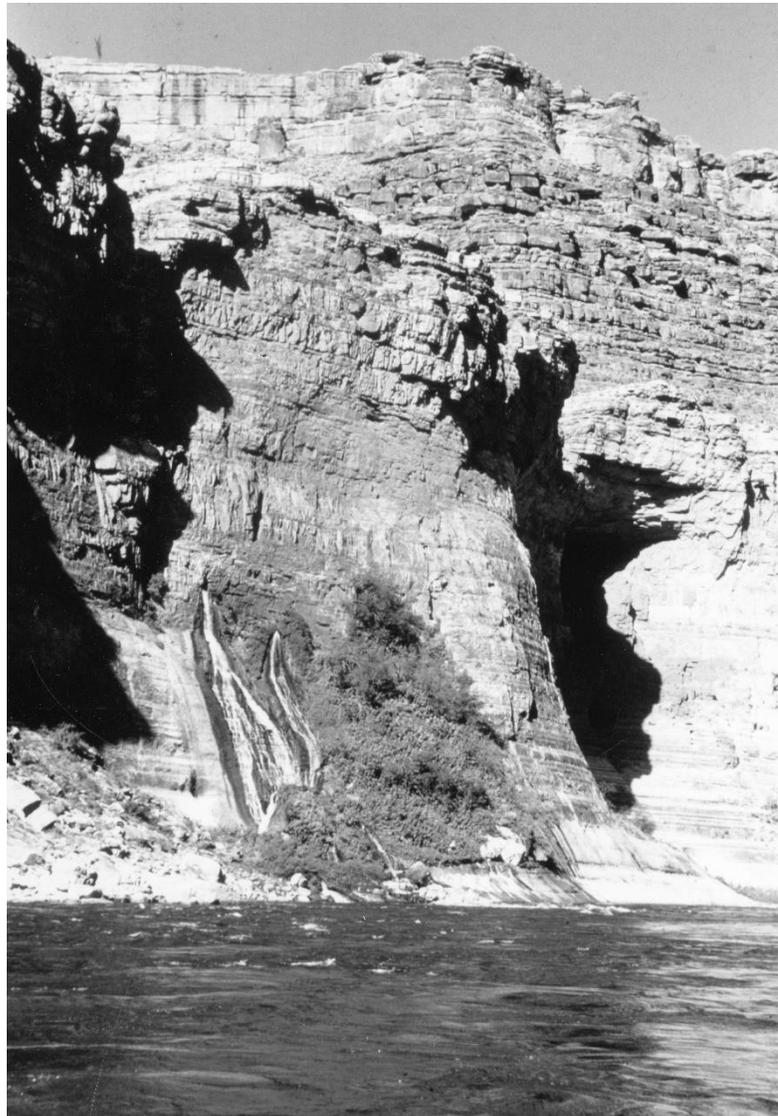
Communications:

Newsletter (The Hydrogeologist) Editor, Tara Root (troot@fau.edu)
 Newsletter Assistant, Riliwan Damilola ("Dami") Abioye (rabiye@seoe.sc.edu)
 Newsletter Assistant, Rakesh Kumar (rakesh.hydrology@gmail.com)
 Website Administrator, Mike Sukop (sukopm@fiu.edu)
 Website Administrator Assistant, Natajah Fuller (nafuller@fiu.edu)
 Social Media Manager, Megan Jones (meganjones2003@yahoo.com)
 Social Media Manager, Riliwan Damilola ("Dami") Abioye (rabiye@seoe.sc.edu)

And, just because we have the space – a bonus photo and quote!

"Riding down a short distance, a beautiful view is presented. The river turns sharply to the east, and seems inclosed by a wall, set with a million brilliant gems. What can it mean? Every eye is engaged, every one wonders. On coming nearer, we find fountains bursting from the rock, high overhead, and the spray in the sunshine forms the gems which bedeck the wall. The rocks below the fountain are covered with mosses, and ferns, and many beautiful flowering plants. We name it Vasey's Paradise, in honor of the botanist who traveled with us last year."

John Wesley Powell
 August 9, 1869



Quote from: Powell, J.W., 1875, Exploration of the Colorado River of the West and its tributaries explored in 1869, 1870, 1871, and 1872, p. 76.

Photo: Vasey's Paradise. Ground water, discharging from the Redwall Limestone, feeds the spring that cascades in the Colorado River 31.7 miles below Lees Ferry. Grand Canyon National Park. Coconino County Arizona. 1984. (Photo by R.D. MacNish. USGS).