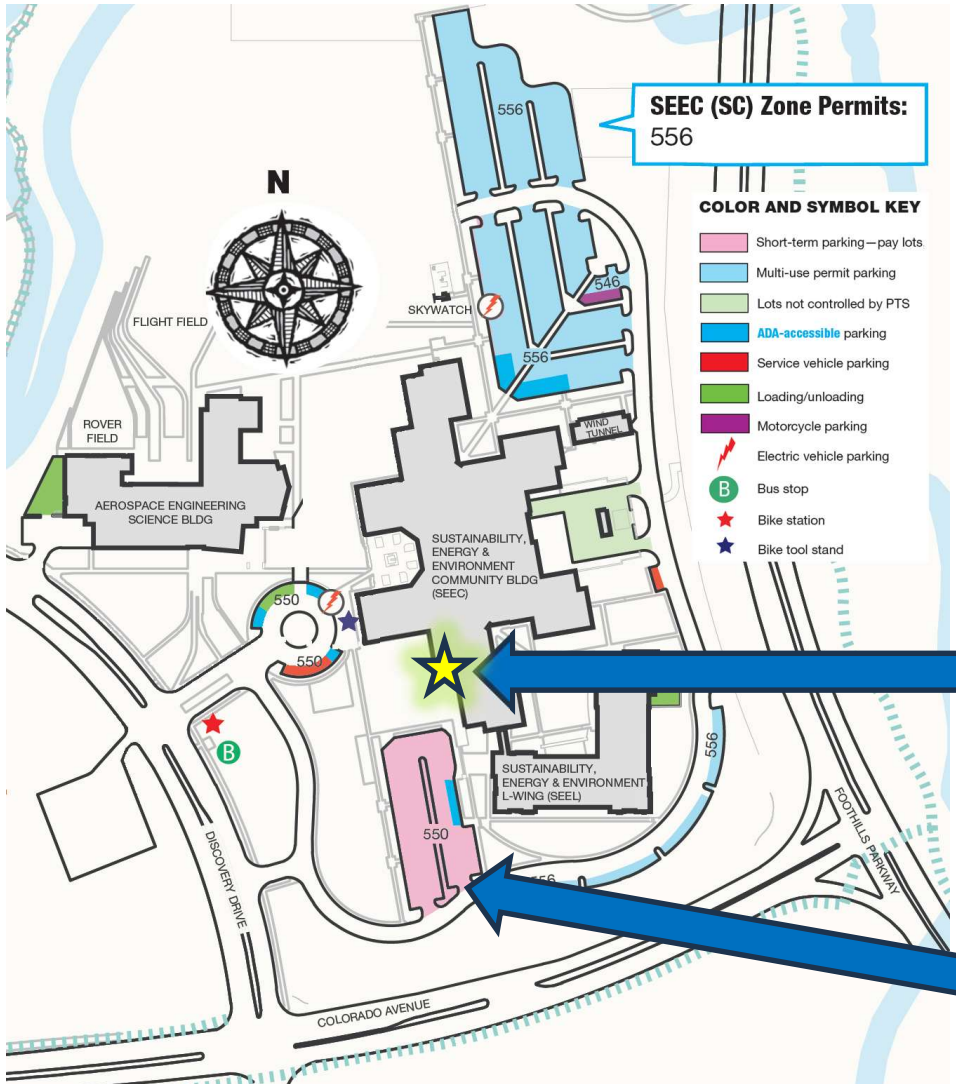


PROGRAM

79th Annual Meeting of the *ROCKY MOUNTAIN HYDROLOGIC RESEARCH CENTER*

07 November 2025, University of Colorado Boulder



**Full Program
with Abstracts**

Conference Location

CU Boulder
S228 (Sievers Conference Room; 2nd floor South Wing) in the Sustainability, Energy and Environment Community (SEEC) building on East Campus

Parking

You can park in pay lot 550

Purpose of the Meeting

To provide researchers, practitioners, and students an opportunity to share and discuss their research in a relaxed yet scientifically stimulating atmosphere. The meeting encourages interdisciplinary communication among a variety of investigators in the fields of hydrology, engineering, environmental sciences, water resources, and other related hydrological disciplines. Abstract submissions focused on hydrologic and environmental change over multi-decade time scales and historical retrospectives of hydrologic research in the Rocky Mountain region are encouraged, and other related topics are also welcome.

rmhrc.org

Meeting Schedule

8:00	Breakfast and Check in (light breakfast and hot beverages provided)
8:45	Welcome by Debby Martin and John Moody
9:10	Invited Speaker #1: Peter Goble - CO Climate Center, "A Reflection on the Water Year of 2025"
9:35	Oral Presentation: Clifford Adamchak - CU Boulder: "Seasonal Mercury Dynamics in a Beaver-Dominated Reach"
9:55	Invited Speaker #2: Aleah Hahn, 2025 RMHRS Scholarship Recipient: "Predicting Head Loss and Equivalent Roughness of Channel-Spanning Large Wood Jams"
10:20	Oral Presentation: Nicholas Christensen - Colorado State University: "Improved flood-routing schemes for flash floods in mountainous streams to better represent floodplain processes"
10:40	Invited Speaker #3: Antonio Alves, Colorado State University: "On the Structure of Temporal Variability of Streamflow Responses and the Role of Timescale Interactions: A Synthesis"
11:05	Oral Presentation: Dylan Davis, Colorado State University: "Dynamics of a sand-bed eolian-fluvial channel network, North Sand Creek, North Park, CO"
11:25	Invited Speaker #4: Taryn Contento, Coalition for the Poudre River Watershed: "Hydrologic Response to Process Based Restoration: floodplain inundation and groundwater changes"
11:50	Lunch: Pizza Provided; you can also bring a packed lunch
13:00	Invited Speaker #5: Aditi Bhaskar, CU Professor of Hydrology and Water Resource Engineering: "Streamflow change with urban development in the Denver area"
13:25	Oral Presentation: Charles Shobe, U.S. Forest Service Rocky Mountain Research Station: "Comparing post-fire suspended-sediment dynamics among flow event types: Implications for watershed recovery"
13:45	Oral Presentation: Jeremy Barroll, CU Boulder: "Variation in water supply prediction among mountain watersheds of the western US and corresponding differences in atmospheric mechanisms"
14:00	Break (poster presenters hang up posters)
14:15	Poster Session and networking
15:30	Adjourn
15:30	Board Meeting (Board Members Only)

Oral Presenters

- *Peter Goble – Colorado Water Center, Peter.Goble@colostate.edu
- Adamchak, Clifford, University of Colorado, Boulder, Department of Ecology and Evolutionary Biology, Cooperative Institute for Research in Environmental Sciences, clifford.adamchak@colorado.edu
- **Hahn, Aleah J., Colorado State University – Civil Engineering, aleah.hahn@colostate.edu
- Christensen, Nicholas D., Colorado State University Department of Civil and Environmental Engineering, ndchris9@colostate.edu
- *Meira Neto, Antônio A., Colorado State University, Department of Civil and Environmental Engineering, ameira@colostate.edu
- Davis, Dylan, Colorado State University, dylan.p.davis@colostate.edu
- Contento, Taryn E, Coalition for the Poudre River Watershed, taryn@poudrewatershed.org
- *Aditi Bhaskar, CU Professor of Hydrology and Water Resource Engineering, Aditi.Bhaskar@Colorado.edu
- Shobe, Charles M., U.S. Forest Service Rocky Mountain Research Station, charles.shobe@usda.gov; shobe.charlie@gmail.com
- Barroll, Jeremy, University of Colorado Boulder Civil, Environmental and Architectural Engineering, jeremy.barroll@colorado.edu



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Poster Presenters

- **Alfred, Virgil, University of Colorado, Boulder, CO, Virgil.Alfred@Colorado.edu
- Johnson, Leanna M, University of Colorado Boulder, Leanna.Johnson@colorado.edu
- Pawlowski, Ethan, D., ORISE Postdoctoral Researcher- US Forest Service, Rocky Mountain Research Station, Ethan.Pawlowski@usda.gov
- Thomas, Lauren N., Department of Geography, University of Colorado Boulder, Lauren.Thomas-2@colorado.edu
- Workman, Halee A, University of Colorado Boulder, halee.workman@colorado.edu
- *Invited Speaker; **2025 RMHRC Scholarship Recipient Invited Speaker

Presenter Details

Invited Oral Presenters will be given a 20-minute presentation slot with 5 minutes for questions.

All other Oral Presenters will be given a 15-minute presentation slot with 5 minutes for questions.

Please send your presentation to sharon.bywaterreyes@unco.edu in PowerPoint or PDF format by 5 pm November 6th.

Poster Presenters can follow a typical conference format (e.g., GSA/AGU) and tape for hanging will be provided. If you are unsure of formatting, contact sharon.bywaterreyes@unco.edu for more guidance.