

## HUBBARD BROOK MONTHLY October 2022 issue

### Recent Publications

Aber, J, and SV Ollinger. 2022. Simpler presentations of climate change. EOS. <https://doi.org/10.1029/2022EO220444>.

Liptzin, D, J Boy, JL Campbell, N Clarke, J-P Laclau, R Godoy, SL Johnson, K Kaiser, GE Likens, GP Karlsson, D Markewitz, M Rogora, SD Sebestyen, JB Shanley, E Vanguelova, A Verstraeten, W Wilke, F Worrall, and WH McDowell. 2022. Spatial and Temporal Patterns in Atmospheric Deposition of Dissolved Organic Carbon. Global Biogeochemical Cycles. <https://doi.org/10.1029/2022GB007393>

If your publication is missing from this list, please let us know:  
[scielinks@hubbardbrookfoundation.org](mailto:scielinks@hubbardbrookfoundation.org)

### Outreach and Education Update

On October 17, at Dartmouth's Arthur L. Irving Institute for Energy & Society, Anthea Lavallee co-led a brainstorming session on the topic of incentivizing affordable housing developments that incorporate regionally-sourced, climate-smart wood products. Participants included Hanover's Municipal Manager; staff from the offices of U.S. Senator Jeanne Shaheen and U.S. Congresswoman Ann Kuster; and leaders from the Lyme Timber Company, New England Forestry Foundation, the Northern Forest Center, Resilient Buildings Group, and UVM's Rubenstein School of Environment and Natural Resources. This was the latest step in an initiative of the [Emerging Climate Leaders Collaborative](#).

On October 27-30, Hubbard Brook hosted the 2022 National SEEDS field trip, which is a program funded by ESA to serve underrepresented students in STEM. Over the weekend, 17 undergraduates from across the United States stayed at the Mirror Lake campus and engaged with Hubbard Brook scientists and staff during a career panel and completed and presented an informal research project to their peers. Read more about the program [here](#).

On October 28, Lindsey Rustad gave a talk titled "Why Ice Storms Aren't Cool" as the keynote for the Catskill Environmental Research and Monitoring Council in Big Indian, NY.

### Announcements

The Museum of the White Mountains, located in Plymouth, NH, is planning a show featuring artwork from the Hubbard Brook ArtSci program! Follow this link for more information: [Field Station: Art-Science in the White Mountains Opening Reception – Museum of the White Mountains \(plymouth.edu\)](#). Lindsey Rustad will be giving an opening talk for the show on November 17th at 7pm.

The students who participated in the SEEDs field trip are excellent candidates for summer field tech positions or REUs! If you know of an open position, please forward the information to [Linda Pardo](#).

### Hubbard Brook Data Report

The Hubbard Brook Forest Service team continues to update the meteorological datasets – you can now find data current to September/October 2022 for precipitation, temperature, snow and frost. Direct links to these data, and other recent data updates are in the citations below.

For questions about Hubbard Brook data, please contact:  
[nina.lany@usda.gov](mailto:nina.lany@usda.gov) – for questions about data collected by the US Forest Service

[mary.martin@unh.edu](mailto:mary.martin@unh.edu) – for questions, instructions, and assistance in submitting your data to the repository.

Updated datasets:

USDA Forest Service, Northern Research Station. 2022. Hubbard Brook Experimental Forest: 15-Minute Air Temperature Record, 2014 - present ver 2. Environmental Data Initiative.

<https://doi.org/10.6073/pasta/29ac6a23a04fed2534669dd654bd4050>.

USDA Forest Service, Northern Research Station. 2022. Hubbard Brook Experimental Forest: Daily Temperature Record, 1955 - present ver 11. Environmental Data Initiative.

<https://doi.org/10.6073/pasta/e51ee820bb04aace06fa35c00946b050>.

USDA Forest Service, Northern Research Station. 2022. Hubbard Brook Experimental Forest: Weekly Snow and Frost Measurements, 1955 - present ver 17. Environmental Data Initiative.

<https://doi.org/10.6073/pasta/554d50646e071e8ff8f72beb6d433e45>.

Hubbard Brook Watershed Ecosystem Record (HBWatER). 2022. Continuous precipitation and stream chemistry data, Hubbard Brook Ecosystem Study, 1963 – present. ver 8. Environmental Data Initiative.

<https://doi.org/10.6073/pasta/5e9d1771f114913c2ca8c98520c230ad>.

Bailey, S.W., J.P. Gannon, K.J. McGuire, and L.H. Pardo. 2022. Hubbard Brook Experimental Forest: Watershed 3 Subsurface Water Chemistry ver 2. Environmental Data Initiative.

<https://doi.org/10.6073/pasta/fe2c54e0c7d8c43f20c2b200555ca1f5>.

Lowe, W.H. 2022. Mark-recapture data of the Northern Spring Salamander (*Gyrinophilus porphyriticus*), Hubbard Brook Experimental Forest, 2012 – present ver 3. Environmental Data Initiative.

<https://doi.org/10.6073/pasta/cd5f5a03df194930bf87eb12157b8182>.

USDA Forest Service, Northern Research Station. 2022. Hubbard Brook Experimental Forest: 15 Minute Relative Humidity Measurements, 2011 – present ver 1. Environmental Data Initiative.

<https://doi.org/10.6073/pasta/7dbeafb02017fff0286d1dfdb4c2b102>

USDA Forest Service, Northern Research Station. 2022. Hubbard Brook Experimental Forest (USDA Forest Service): Vapor Pressure Measurements, 1966 - present ver 9. Environmental Data Initiative.

<https://doi.org/10.6073/pasta/b37a6b997904f6ad60e8594280effc09>

Thanks for reading!