

HUBBARD BROOK MONTHLY October 2021 issue

Recent Publications

Valipour, M, CE Johnson, JJ Battles, JL Campbell, TJ Fahey, H Fakhraei, and CT Driscoll. 2021. Response of biomass, hydrology and biogeochemistry to alternative approaches of cutting a northern forest: model comparisons. *Biogeochemistry*.

<https://doi.org/10.1007/s10533-021-00862-z>

If your publication is missing from this list, please let us know:

scielinks@hubbardbrookfoundation.org

Hubbard Brook in the News

CBS series *Mission Unstoppable* featured Hubbard Brook in an episode entitled "What kind of experiments are taking place in the forest?!" on October 9. Lindsey Rustad was interviewed as part of her IF/THEN Ambassadorship, an initiative of AAAS and the Lyda Hill Philanthropies to highlight STEM role models for middle school girls. You can watch the full episode here: [What kind of experiments are taking place in the forest?!](#)

Outreach and Education Update

Sara Kaiser received the 2021 AOS Marion Jenkinson Service Award in recognition of her contributions to the American Ornithological Society, her dedication to creating a welcoming, inclusive environment for all members, and her commitment to early-career scientists. Read about Sara's achievement here: [2021 AOS Marion Jenkinson Service Award to Sara Kaiser](#)

HBRF co-hosted a live event, the Road to COP26, which featured Steven Hamburg, Anthea Lavallee, Pamela Templer, and 12 graduate, undergraduate, and high school students, alongside other distinguished guests. The event garnered a live online audience of about 200 people, including industry leaders, philanthropists, media, and congressional staffers. [Watch a video recording of the event on the Hubbard Brook website here.](#)

Denise Burchsted and members of the Hubbard Brook Indigenous Knowledge and Network Subcommittee hosted a Zoom discussion of *Braiding Sweetgrass* by Dr. Robin Wall Kimmerer on October 28 as part of the "Hubbard Brook Reads" initiative. The group will host a second discussion of the book, open to all, so stay tuned for a scheduling email.

Save the Date

The next Hubbard Brook Quarterly Project Meeting is scheduled for January 5-6, 2022, from 10am to 2pm via Zoom.

A group of PIs and the Hubbard Brook Research Foundation will host a town hall-style meeting with the Hubbard Brook community to discuss and hear feedback about the proposed ash protection experiment, including details about plot locations. Please save December 7, 2021, 1:00-3:00 pm eastern on your calendars to attend.

Shout-outs!

Tammy Wooster gives a shout out to Frank Bowles for his design and creation of a lift for the Weir 6 sensors. Frank's lift will make sampling in Weir 6 much safer, especially in the winter!

Hubbard Brook Data Report

In this month's list of data publications to the Environmental Data Initiative Repository

(EDI), you will find Hubbard Brook temperature current to within 30 days. The Forest Service team that manages these instruments and data is breaking new records with timely data delivery! In addition to the long-term daily temperature record, they are now publishing the more detailed 15-minute temperature observations – these date back to 2014, when the digital sensors became operational. Other data listed align with both earlier publications and with a current manuscript submission.

For questions about Hubbard Brook data, please contact:

nina.lany@usda.gov – for questions about data collected by the US Forest Service
mary.martin@unh.edu – for questions and instructions on submitting your data to the repository.

- USDA Forest Service, Northern Research Station. 2021. Hubbard Brook Experimental Forest: 15-Minute Air Temperature Record, 2014 - present ver 1. Environmental Data Initiative.
<https://doi.org/10.6073/pasta/3a2fbfc49f11c9e3f572331ec1811376>
- USDA Forest Service, Northern Research Station. 2021. Hubbard Brook Experimental Forest: Daily Temperature Record, 1955 - present ver 10. Environmental Data Initiative.
<https://doi.org/10.6073/pasta/3afab60d54d5f2fcb1112e71f4be2106>
- USDA Forest Service, Northern Research Station. 2021. Hubbard Brook Experimental Forest: 15-minute Precipitation Measurements, 2011 - present ver 4. Environmental Data Initiative.
<https://doi.org/10.6073/pasta/a662c6c1ee24aba8ee4221fc67024c8b>
- USDA Forest Service, Northern Research Station. 2021. Hubbard Brook Experimental Forest: Daily Precipitation Rain Gage Measurements, 1956 - present ver 17. Environmental Data Initiative.
<https://doi.org/10.6073/pasta/453b49e8429a63b72419caf3b9ad6f98>
- Cleavitt, N. and A. Clyne. 2021. Hubbard Brook Experimental Forest: Gastropod lichen feeding trials ver 1. Environmental Data Initiative.
<https://doi.org/10.6073/pasta/a89248c1594cf0384e299ac19e3403da>
- Green, M.B., D.M. Evans, S. Fraver, D.A. Lutz, and C.W. Woodall. 2021. Hubbard Brook Experimental Forest: Log decomposition sensor data ver 1. Environmental Data Initiative. <https://doi.org/10.6073/pasta/a5a2bbdee8f801c7c9a57d2b20b2f75b>
- Marinos, R.E. 2021. Hubbard Brook Experimental Forest: Longitudinal surveys of stream nitrate concentrations, W1, W3, and W6, Summer 2015 ver 1. Environmental Data Initiative.
<https://doi.org/10.6073/pasta/814924c018a1946ca9904a0be20f2c07>
- Marinos, R.E. 2021. Hubbard Brook Experimental Forest: Stream sediment denitrification potential assays, Watershed 1 and Bear Brook ver 1. Environmental Data Initiative.
<https://doi.org/10.6073/pasta/ce65debd407ee4047758c99a6b4e0d57>
- Sanders-DeMott, R., P.H. Templer, P.O. Sorensen, and A.B. Reinmann. 2021. Climate Change Across Seasons Experiment (CCASE) at the Hubbard Brook Experimental Fine Root Damage ver 1. Environmental Data Initiative.
<https://doi.org/10.6073/pasta/775163077cada8987f17d2202e077f33>
- Sanders-DeMott, R., P.H. Templer, P.O. Sorensen, and A.B. Reinmann. 2021. Climate Change Across Seasons Experiment (CCASE) at the Hubbard Brook Experimental Root Nitrogen Uptake Capacity ver 1. Environmental Data Initiative. <https://doi.org/10.6073/pasta/b92f72bb2e3d7edbd721c25638800e32>
- Sanders-DeMott, R., P.H. Templer, P.O. Sorensen, and A.B. Reinmann. 2021. Climate Change Across Seasons Experiment (CCASE) at the Hubbard Brook Experimental Soil Solution Resin Available Nitrogen ver 1. Environmental Data Initiative. <https://doi.org/10.6073/pasta/84348a42bb849631f0d3cea972a5b67d>

- Cleavitt, N., J. Hughes, and T.J. Fahey. 2021. Hubbard Brook Experimental Forest: Watershed 5 stem origin tracking data ver 1. Environmental Data Initiative.
<https://doi.org/10.6073/pasta/cb3945b2cab2e8c0dcb90317df375bbf>

Thanks for reading!