

HUBBARD BROOK MONTHLY June 2023 issue

Recent Publications

Garlick, S, K Fallon. 2023. The ECO framework: advancing evidence-based science engagement within environmental research programs and organizations. *BioScience*, Volume 73, Issue 6, June 2023, Pages 422–432.

<https://doi.org/10.1093/biosci/biad037>

Hubbard Brook in the News

Dartmouth research explores role of disappearing ash trees

[Valley News](#)

Education and Outreach

Dayna de la Cruz, HBRF's Young Voices of Science and Community Relations Specialist, is an avid Science Communicator and currently an intern with the podcast Big Biology. You can listen to Dayna's recent episode about limb regeneration [here!](#)

See this update from Lindsey Rustad: On June 12-16, 2023, educators Mary Robbins, Tina Herzberg and Joanne Goelzer from the WaterViz Summer Teen Camp for the Visually Impaired, South Carolina Commission for the Blind (SCCB), used the Hubbard Brook WaterViz lesson plans to integrate Science, Art, and Music to teach water cycle science at a week-long summer camp for teens with visual impairments Columbia, SC. Lindsey Rustad joined as guest scientist for June 15 and 16th.

Announcements

The 60th Annual Hubbard Brook Cooperators' Meeting is right around the corner! The conference will be held in-person on Wednesday, July 12, and Thursday, July 13 at the Merrill Place Conference Center at Plymouth State University. The July Quarterly Project Meeting will be held the following day (Friday, July 14, 2023) at the Hubbard Brook Experimental Forest US Forest Service Headquarters at Pierce Lab. You can learn more about the meetings [here](#).

Hubbard Brook's 2023 Hidden Talent and Storytelling Hour will take place on Wednesday, July 12, 7:00 pm, in the barn at the Hubbard Brook Forest Service Headquarters.

Click [here](#) to see performances from previous years, including music, singing, storytelling, Hubbard Brook trivia, jokes, magic, and art!

Shout-outs

The Hubbard Brook Research Foundation gives a shout-out to the Cary Institute for their generosity in purchasing a new electric snow mobile.

Dayna's DEI Digest

Climatic Doom to Youth Presence: Youth Advocacy and Environmental Action Panel

by Dayna De La Cruz (She/They)
Community Relations Specialist

CW: Anxiety; Grief

Climatic Doom. Eco Grief. Eco Anxiety. Youth Presence. All topics that are present in the world of environmental action but not emphasized nearly enough.

On June 13th, Hubbard Brook hosted a virtual Youth Advocacy and Environmental Action Panel – an interactive conversation between our panelists and the audience on building community through action. Our inspiring panelists included [Maine Youth Power](#) founder, Phoebe Dolan (she/her), [Earthjustice](#) staff scientist, Megan Duffy (she/her), and [THEM in STEM](#) founder and Ph.D student, Sara Rivera (she/they).

During this dialogue, we discussed the intersectionality (interconnectedness of social categories such as race, class, gender etc) within environmental movements and the importance youth presence holds. Our panelists provided detailed insight on the many ways that supporting the youth can look and should not look. We acknowledged the reality of existing struggles such as ecological grief and anxiety, and could not close the conversation without addressing ways to cope and anti-burn out mechanisms.

Katherine Almquist (she/her), a research intern at Harvard Forest, and in the early stages of her commitment to activism, said that attending the panel gave her the opportunity to meet others from various backgrounds as well as think more deeply about how she wants to move forward. She felt included in the space and comfortable sharing her voice which she believes is something we need more of in these divisive times.

Frances Hurst Brubaker (she/her), a field technician at Hubbard Brook, found the event encouraging and believed it was practical to learn about how everyone can take steps to get involved in organizing. She thought the speakers all had unique and helpful experience-driven advice on how attendees can get involved in their own communities.

James Hardat (he/him), an REU at Hubbard Brook, had many key takeaways from the panel including learning how to deal with climate doom and eco grief, learning more about ageism and how it can go both ways, as well as certain trigger words related to climate change.

We are grateful to have been able to provide this resource to our community and witnessed the proactive conversation it sparked. You can find the recording [here!](#)

*** NEW * Hubbard Brook Non-Sequitur**

Snippets of intriguing conversation and writing, taken out of context.

"The ocean is on the wrong side" - Brenda McCartney, describing a recent trip to California.

Hubbard Brook Data Report

This month brings you updates to many of the long-term datasets collected and curated by the US Forest Service team at Hubbard Brook. When you click on a dataset link below, note that there will be an 'explore data' button. This is a service provided by the repository with which you can view summary statistics on the dataset, plot variables, and subset data (and then either plot or download subset selection). Questions about the data can be directed to nina.lany@usda.gov. Questions about using the 'explore data' function and feedback about your user experience with that service can be sent to mary.martin@unh.edu.

USDA Forest Service, Northern Research Station. 2023. Hubbard Brook Experimental Forest: Weekly Snow and Frost Measurements, 1955 - present ver 18. Environmental Data Initiative. <https://doi.org/10.6073/pasta/5e1c5cb3aae2391cda9ca3ab4487046c>.

USDA Forest Service, Northern Research Station. 2023. Hubbard Brook Experimental Forest: 15-Minute Air Temperature Record, 2014 - present ver 3. Environmental Data Initiative. <https://doi.org/10.6073/pasta/633d378afd674a4edba3a269fbee2322>

USDA Forest Service, Northern Research Station. 2023. Hubbard Brook Experimental Forest: Daily Temperature Record, 1955 - present ver 12. Environmental Data Initiative. <https://doi.org/10.6073/pasta/44d122ddf3b108473d8e9e13c6b2ddb0>

USDA Forest Service, Northern Research Station. 2023. Hubbard Brook Experimental

Forest: 15-minute Precipitation Measurements, 2011 - present ver 6. Environmental Data Initiative. <https://doi.org/10.6073/pasta/5000dcf780ad660acc8d1b5fd3b4da75>

USDA Forest Service, Northern Research Station. 2023. Hubbard Brook Experimental Forest: Daily Precipitation Rain Gage Measurements, 1956 - present ver 19. Environmental Data Initiative. <https://doi.org/10.6073/pasta/cb6c51de4f4da9449b99a73597a4ee12>

USDA Forest Service, Northern Research Station. 2023. Hubbard Brook Experimental Forest: 15-minute Precipitation by Watershed, 2017 - present ver 2. Environmental Data Initiative. <https://doi.org/10.6073/pasta/9feeb0ac58ad4940a6140109e6da4066>

USDA Forest Service, Northern Research Station. 2023. Hubbard Brook Experimental Forest: Total Daily Precipitation by Watershed, 1956 - present ver 16. Environmental Data Initiative. <https://doi.org/10.6073/pasta/a953c732f4512f4b4e3d407d7f4b7243>

USDA Forest Service, Northern Research Station. 2023. Hubbard Brook Experimental Forest: 15 Minute Relative Humidity Measurements, 2011 – present ver 2. Environmental Data Initiative. <https://doi.org/10.6073/pasta/392eedd7a3d4c5b92630382ab9eccc4e>

USDA Forest Service, Northern Research Station. 2023. Hubbard Brook Experimental Forest (USDA Forest Service): Vapor Pressure Measurements, 1966 - present ver 10. Environmental Data Initiative. <https://doi.org/10.6073/pasta/c3a8d64d96a3d8bb8edebf1c9f23bcd5f>

USDA Forest Service, Northern Research Station. 2023. Hubbard Brook Experimental Forest: 15 Minute Wind Speed and Direction Measurements, 2012 – present ver 3. Environmental Data Initiative. <https://doi.org/10.6073/pasta/26825ad36d61021f21b44c06134c55b4>

USDA Forest Service, Northern Research Station. 2023. Hubbard Brook Experimental Forest (USDA Forest Service): Wind Speed and Wind Direction Measurements, 1965 - present ver 11. Environmental Data Initiative. <https://doi.org/10.6073/pasta/af66619b0fc9d86a22890d90b2ff1cd9>

Thanks for reading!

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