**Hubbard Brook Quarterly Project Meeting**

**April 13, 2023**

**Chat Record**

**Linda Pardo** 10:04 AM

is someone taking notes?

**Mike Hallworth** (he/him) to Everyone 10:05 AM

Notes - <https://docs.google.com/document/d/1T5solukOopgEriZv-JYyCre2nzQQnTBQBBFTH_JlcAY/edit>

**Sara Kaiser** (she/her) to Everyone 10:05 AM

We welcome everyone to contribute to these notes on the google doc.

**Alix Contosta** to Everyone 11:01 AM

I am sorry to miss the discussion but have to jump off for now to teach.

**Nick Rodenhouse** to Everyone 11:11 AM

Has anyone explored how best to identify lagged processes?

**Amanda Gallinat** (she/her) to Everyone 11:14 AM

Phenological mismatch with trees reduces wildflower carbon budgets (Heberling et al. 2019): <https://onlinelibrary.wiley.com/doi/abs/10.1111/ele.13224>

**Mike Hallworth** (he/him) to Everyone 11:15 AM

<https://docs.google.com/document/d/1T5solukOopgEriZv-JYyCre2nzQQnTBQBBFTH_JlcAY/edit>

**Linda Pardo** to Everyone 11:41 AM

What about VERMONT?

**Lynn Christenson** to Everyone 11:54 AM

Please stay for the COS business meeting up next. We have important information and updates for all of us

**Amanda Gallinat** (she/her) to Everyone 11:57 AM

Do you monitor any invasive leaf out times?

**Geoff Wilson** to Everyone 11:59 AM

But definitely not Ash...which won't be an issue for much longer. When I compared the light-meter breakpoint with Amey's observations they generally lined up, but not in the plot with Ash.

**Matt** to Everyone 11:59 AM

Sorry to step out! I have a class to teach.

**Chris Neill** to Everyone 12:02 PM

@Geoff. I was wondering about ash and why it’s so different. In coastal sandplain forests scrub oak has a similar pattern of much later leaf out that has some interesting landscape and green food web implications.

**nat** to Everyone 12:03 PM

Not Jeff - but it is our only ring porous tree

**Christy Goodale** to Everyone 12:06 PM

To note, we've responded to those requested topics! Over the last ~2 years we've had QPMs on most of those top topics: Evolution, ET, Changing Forests, Critical Ecology, Respiration, Sci-Policy...

**Anthea Lavallee** (she/her) to Everyone 12:13 PM

It's great to see SCC leaders responding to the topic suggestions from the survey!

**Lynn Christenson** to Everyone 12:15 PM

RAC - Research Advisory Committee

**nat** to Everyone 12:16 PM

Linda, I have one but her project is off site in the greater WMNF

**Mary Margaret Koppers** to Everyone 12:22 PM

Who is being mentored? Undergrad/grad/early career faculty?

**Dayna De La Cruz** (She/They) to Everyone 12:25 PM

The LTER Network Office is working with the Network DEIJ Committee to offer a series of 4 online workshops on harassment prevention and intervention ahead of this summer's field season. Developed by Field Futures, and built on field-specific experience, these 90-minute workshops teach participants to prevent, intervene in, and effectively report harassment. While they have been built around sexual harassment, they are also relevant to other types of discrimination.Workshops are open to individuals at all career stages, and are offered on a first-come-first-served basis. The first workshop is set for April 20. Please help us spread the word.

https://lternet.edu/register-now-lter-fieldfutures-harassment-and-assault-prevention-workshop/

"Ten simple rules to cultivate belonging in collaborative data science research teams" https://drive.google.com/file/d/1Ood1xPsh7znNY6ydr397OJ98wxSbacLq/view

what resources the DEIJ Committee might be able to put together that could be of most use across the network, and how IMs could be used as a conduit to spread those resources. IMs often provide a lot of institutional memory at their sites that beginning scientists, in particular, rely on, and so their role in furthering DEIJ enhancement efforts definitely seems like a conversation that would be useful to have.

"The CARE Principles for Indigenous Data Governance"https://drive.google.com/file/d/1r0QN8mTBFzQdTaDKgVL5AMu9\_bQGKjwo/viewdiscuss Indigenous data sovereignty and the potential role that the LTER Network could play in furthering collaborations that employ established best practices.

**Linda Pardo** to Everyone 12:30 PM

<https://www.esa.org/seeds-preprod/wp-content/uploads/sites/46/2015/08/SPUR-Mentor-Expectations.docx>

**Sara Kaiser** (she/her) to Everyone 12:30 PM

Can the orientation meeting be recorded and sent to folks that can’t make that time?

**Dayna De La Cruz** (She/They) to Everyone 12:31 PM

Hubbard Brook Housing Survey: https://forms.gle/XY2DewMa5J4had4a7

Please fill out and return asap if you will be living on site!

**Sara Kaiser** (she/her) to Everyone 12:32 PM

What season(s) do you primarily study at Hubbard Brook?What signs of change have you observed in the season or transition between seasons that you study?

**Sara Kaiser** (she/her) to Everyone 12:56 PM

I will be closing the breakout rooms in 2 min

**Sara Kaiser** (she/her) to Everyone 1:03 PM

Attendees - reminder to mute your mics. Thanks!

**Linda Pardo** to Everyone 1:29 PM

So just to confirm, there are only two REUs at HB this summer:

1. Nat Cleavitt and 2. Matt Ayres/Miranda Zammarelli

**Nick Rodenhouse** to Everyone 1:41 PM

The bird group collected leaf phenology data on striped maple and hobblebush for many years. These are available for use

**Nick Rodenhouse** to Everyone 2:18 PM

Is there a relationship between cambial sap flow and leaf senecence?

**Christy Goodale** to Everyone 2:22 PM

… it sure matters for soil & stream microbes as to when they get their tasty leaf buffet!

**Georgia Murray, AMC** to Everyone 2:23 PM

Emma- do you think chilling degrees matter for the start of season for the trees in your study?

**Amanda Gallinat** (she/her) to Everyone 2:25 PM

Mike would you mind to link the notes doc again? Thanks!

**Mike Hallworth** (he/him) to Everyone 2:25 PM

Notes - https://docs.google.com/document/d/1T5solukOopgEriZv-JYyCre2nzQQnTBQBBFTH\_JlcAY/edit#

**Nick Rodenhouse** to Everyone 2:29 PM

The idea of seasons is historical, but why not focus on measures that can be made continuously throughout the year, and then seek relationships among those measures?

**Amanda Gallinat** (she/her) to Everyone 2:29 PM

+1 to this!^

**Anthea Lavallee** (she/her) to Everyone 2:52 PM

Link to survey for today's meeting dynamics: https://forms.gle/V813HVuJpToi6DYn6

**Amanda Gallinat** (she/her) to Everyone 2:58 PM

I’m so sorry folks, I have to run to teach a class! Thanks so much for having me. It was great to connect with your Hubbard Brook community!

**Mary Margaret Koppers** to Everyone 2:59 PM

2018 was the year after mast fruiting. We ran into tons of chipmunks while we were sampling. First time I've ever dug up chipmunk holes.

There are footnotes on certain soil samples from 2018 that included chipmunk homes.

**Brendan Leonardi** (he/him) to Everyone 3:03 PM

https://docs.google.com/document/d/1T5solukOopgEriZv-JYyCre2nzQQnTBQBBFTH\_JlcAY/edit

Notes

**Mike Hallworth** (he/him) to Everyone 3:03 PM

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**Christy Goodale** 3:05 PM

ENORMOUS thanks to this meeting's fantastic leaders Sara & Mike, to all presenters, and all other QPM participants!

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End of Meeting