

Hubbard Brook Quarterly Project Meeting
January 8-9, 2025
Vassar College – Environmental Cooperative at the Barns

Day 2 - Thursday, January 9, 2025

Preparing for the Mid-term Review of the Long-term Ecological Research Project

AGENDA

8:00 - 9:00 Continental breakfast plus yogurt/non-dairy yogurt and granola (provided)

Meeting Organizers: Peter Groffman and Pam Templer

9:00 - 9:15 Peter Groffman – Session overview, structure, and plan for the mid-term review

9:15 - 9:45 Pam Templer – The Hubbard Brook LTER conceptual model

9:45 - 10:30 Changing Atmosphere – Christy Goodale, moderator

- Angela Possinger – Changing soil respiration
- Sophie von Fromm (or Darby Bergl, Mariah Carbone, Caitlin Hicks-Pries) – Changing soil carbon fractions
- Christy Goodale – Long-term N budgets
- Christy Goodale – Tracing N retention and loss
- Ruth Yanai – Multiple element nutrient limitation
- Charley Driscoll – Watershed 1
- General discussion

10:30 - 11:00 Changing Climate – Pam Templer, moderator

- Mark Green – Evapotranspiration
- Pam Templer – CCASE
- Geoff Wilson – Climate gradient
- Emily Bernhardt – Storm events (unconfirmed)
- Discussion

11:00 - 11:15 Break (15 mins.)

11:15 - 12:00 Changing Biota – Matt Ayres, moderator

- Nat Cleavitt – Trees
- Matt Ayres – Insects
- Miranda Zammarelli – Birds
- Jess Ralston – Bats
- Lynn Christenson – Mammals
- Winsor Lowe – Salamanders
- Discussion

12:00 - 12:15 Biogeophysical Template – Kevin McGuire, moderator

- Kevin McGuire – Template and control points
- JP Gannon (presented by McGuire) – Valley-wide HPU soil map prediction
- Discussion

12:15 - 1:00 Lunch (provided; 45 mins.)

1:00 - 1:30 Synthesis – Peter Groffman, moderator

- Peter Groffman – Control points
- Nat Cleavitt – Future forests
- Angela Possinger – Changing carbon cycle
- Mark Green – Changing water cycle
- Discussion

1:30 - 2:00 Tools and Models for Synthesis – Alix Contosta, moderator

- Lindsey Rustad – New data tools
- Charley Driscoll – Models and prediction
- Alix Contosta – Data science
- Matt Ayres – Data/model synthesis
- Discussion

2:00 - 2:45 Broader Impacts – Anthea Lavallee, moderator

- Anthea Lavallee – Public and policy engagement
- Brendan Leonardi – Science education and training
- Lindsey Rustad – Art-Science
- Dayna de la Cruz and/or Alix Contosta – DEIA infrastructure
- Suzanne Pierre – Critical Ecology
- Discussion

2:45 - 3:00 Information Management – Mary Martin

3:00 – 3:15 Field trip – Peter Groffman moderator

3:15 – 3:30 Wrap up and adjourn