

Hubbard Brook Quarterly Project Meeting

April 13, 2022

Soil Respiration – CO₂ Fluxes from Soil

Agenda (Updated 04-06-22)

Begin	End	Leader	Topic
10:00	10:10	SCC Chairs	Welcome and introductions
10:10	10:20	Andy Reinmann <i>City University of New York</i>	Introduction and motivations
10:20	10:30	Angela Possinger <i>City University of New York</i>	Symptoms of a changing carbon cycle: Rising soil respiration at Hubbard Brook
10:30	10:45	Tim Fahey <i>Cornell University</i>	A back-of-the-envelope update to the carbon budget
10:45	11:00	Ashley Lang <i>Indiana University</i>	Could changes to belowground C allocation be responsible for rising respiration rates?
11:00	11:15		Discussion
11:15	12:10	SCC Chairs	Business meeting
12:10	12:45		Lunch break
12:45	1:00	Richard Marinos <i>The University at Buffalo</i>	Changes in carbon bioavailability and transport under deacidification
1:00	1:15	Caitlin Hicks Pries <i>Dartmouth College</i>	Soil respiration throughout the profile: Responses to warming and freeze-thaw cycles
1:15	1:30	Laura Castañeda-Gómez <i>University of Toronto</i>	Effects of elevated CO ₂ on belowground carbon cycling
1:30	1:45	Thomas Mann <i>Extension Agent at University of Kentucky</i>	Long-term soil respiration trends in the MELNHE study
1:45	1:50	Alix Contosta <i>University of New Hampshire</i>	Introduction to complementary datasets
1:50	2:15	Breakout rooms	(1) Uncertainty and sensitivity analysis (2) Complementary datasets (3) New data and experiments (4) Hubbard Brook flux tower: how could data be integrated?
2:15	2:45	Andy Reinmann <i>City University of New York</i>	Discussion and wrap-up

Join via Zoom

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