



Welcome to the SPRUCE All-Hands Meeting!
May 13-14, 2025

WiFi: Hilton_Meetings; Password: SPRUCE2025

Code of Conduct

- Treat colleagues respectfully: know and befriend your colleagues.
- Acknowledge and reward successes, large and small.
- Be deeply critical of ideas, but not people.
- Maintain a questioning attitude.
- Consider power differentials and maintain vigilance for physical and emotional safety.
- Report concerns.



All-Hands Meeting Agenda Overview

| Day/Time | Topics |
|--------------|--|
| Tuesday AM | <i>DOE Program Manager Feedback; Science Talks; Poster Lightning Talks</i> |
| Tuesday PM | <i>Poster Session; Small-Group Breakout Discussions</i> |
| Wednesday AM | <i>Science Talks; Small-Group Breakout Discussions</i> |
| Wednesday PM | <i>Group Photo; Whole-Team Discussions; SAB Feedback</i> |
| Thursday | <i>Carbon/Nutrient Budget Workshop</i> |

All-Hands Meeting Agenda Overview – Day 2

| Start Time | Topic | Lead |
|------------|--|---------------------------|
| 7:30am | <i>Breakfast Available</i> | |
| 8:00am | Working breakfast: Welcome to Day 2 | Natalie Griffiths |
| 8:15am | Science talk: Ecosystem warming may increase or decrease probability of low-temperature damage depending on tree species | Francisco Campos Arguedas |
| 8:30am | Science talk: Fine-root production in a boreal bog responds to experimental warming and elevated CO ₂ differentially among plant functional types | Sören Weber |
| 8:45am | Science talk: Lidar and Lidar-derived products: microtopography, surface, and vegetation datasets, 2015-2025 | Josh Enterkine |
| 9:00am | Science talk: Diazotrophy and methane oxidation in the <i>Sphagnum</i> phytobiome | Caitlin Petro |
| 9:15am | Science talk: Implementing direct and fungi-mediated nutrient uptake in a land surface model: insights from a boreal peatland ecosystem | Yaoping Wang |
| 9:30am | Science talk: SPRUCE-MIP results and insights | Xiaoying Shi |
| 10:00am | <i>Break</i> | |

All-Hands Meeting Agenda Overview – Day 2

| Start Time | Topic | Lead |
|------------|--|-------------------|
| 10:15am | Breakout Discussions: Choose one discussion group (40 min discussion, 5 min rotation) 1. Vegetation composition changes. Sören Weber and Jalene LaMontagne. 2. Regional-scale modeling/upscaling/applicability. Dan Ricciuto and Avni Malhotra. 3. Acute vs chronic responses. Francisco Campos Arguedas and Perry Giambuzzi. 4. Warming x eCO ₂ interactions. Verity Salmon and Weinan Chen. | SPRUCE team |
| 11:00am | Breakout Discussions: Choose one discussion group (40 min discussion, 5 min rotation) – Same Topics | SPRUCE team |
| 11:45am | Discussion debrief (5 min each group) | Natalie Griffiths |
| 12:05pm | Working lunch: Introduction to breakout discussions (upcoming plans for SPRUCE), update on planned International Peat Workshop | Natalie Griffiths |

All-Hands Meeting Agenda Overview – Day 2

| Start Time | Topic | Lead |
|------------|---|---|
| 1:15pm | Group photo | Natalie Griffiths |
| 1:30pm | SPRUCE Science Advisory Board breakout | SPRUCE SAB |
| 1:30pm | Full Team Breakout Discussion: SPRUCE 2025 and post-treatment sampling | Joshua Birkebak & Natalie Griffiths |
| 2:00pm | Full Team Breakout Discussion: SPRUCE operations/decommissioning | Kyle Pearson & Melanie Mayes |
| 2:30pm | <i>Break</i> | |
| 2:45pm | Full Team Breakout Discussion: Environmental data synthesis and data and sample archiving | Terri Velliquette & Tom Ruggles & Joshua Birkebak |
| 3:15pm | Full Team Breakout Discussion: Planned manuscripts and synthesis activities | Verity Salmon & Dan Ricciuto |
| 4:00pm | SPRUCE Science Advisory Board report out | SPRUCE SAB |
| 4:30pm | Final discussion | Natalie Griffiths |
| 5:00pm | <i>Adjourn</i> | |

Reminder that this a Hybrid Meeting

- Please use the microphones when speaking.
- Please utilize Zoom in breakout rooms, when possible.
- Please speak clearly and with sufficient volume.
- Utilize the Google Documents for note taking, idea sharing.

The Zoom and Google Drive links can be found in the Agenda. Google Drive is also here -->



Discussion Group Leads

- Be sure to take notes (either one of the leads or ask someone in the group).
- Be prepared to provide a short summary (<5 min) during the debrief. This can be a verbal summary or slides.
- Please steer the conversations in a way to make sure nobody is dominating and try to include everyone.