



# SPRUCE All Hands Meeting – Brief Summary



# Meeting Objectives

- Share recent findings on SPRUCE research through oral and poster presentations;
- Synthesize results across research efforts;
- Hold multiple breakout group discussions on broadly relevant science topics, data-model comparisons, final-year and post-treatment data collection, decommissioning, SPRUCE operations;
- Invite feedback from the SPRUCE Science Advisory Board.



**Google Drive is here -->**







# SPRUCE All Hands

70 attendees, hybrid format

13 Science talks

25 Poster presentations



**Science advisory board members:** Heidi Asbjornsen (UNH), Scott Bridgham (University of Oregon), Serita Frey (UNH), Jason Keller (Claremont McKenna College), Nate McDowell (PNNL).

**Breakout sessions:** Peat & Elevation, Water Relations, Plant Functional Types, Biogeochemical Processes, Vegetation Changes, Regional-scale Modeling, Acute versus Chronic Responses, Warming x eCO<sub>2</sub> interactions.

**Large Group Discussions:** 2025 & Post-Treatment Sampling, Operations & Decommissioning, Data and Sample Archival, Planned Manuscripts & Synthesis Activities.

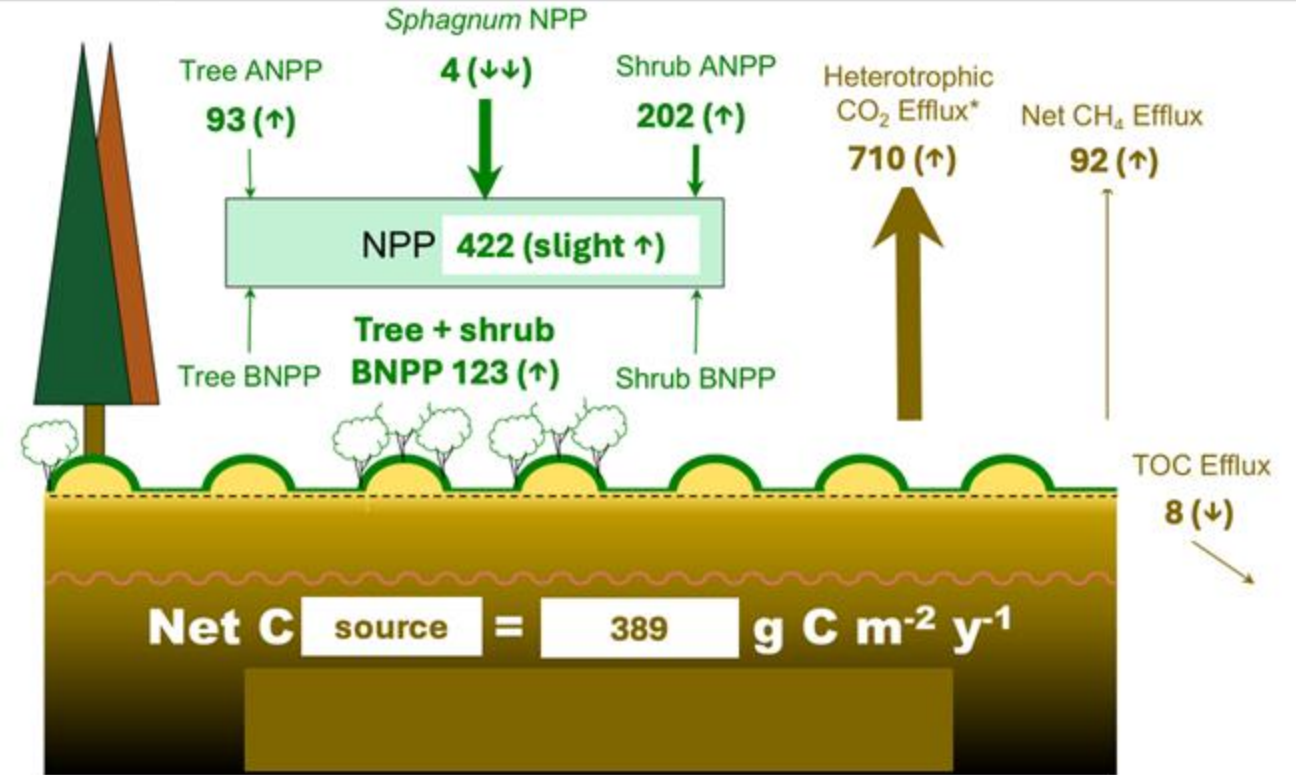
# SPRUCE C-Nutrient Budget Workshop

27 attendees, hybrid format

## Modex Science Updates:

Baseline Empirical CNP Budgets,  
C-cycle Modeling, N & P Modeling,  
Tree & Shrub NPP & Nutrients,  
*Sphagnum* NPP & Nutrients,  
Root NPP & Nutrients.

C TREATMENT RESPONSES – MEAN VALUES FOR +9C PLOTS IN 2021 (last full year of complete C budget data to date)



**Directed Discussion Topics:** TOC/ DIC/ Dissolved Nutrients & Gases, GHG Fluxes, Decomposition Metrics, Leaf Chemistry & Denitrification, Peat Elevation & Characteristics, C-cycle and NP modeling.







## Excellence in Leadership Award to Paul Hanson



## Remembering Joanne Childs



# At the Next Monthly Meeting...

- Will summarize key take home points, action items from the All Hands Meeting and Workshop.
- Will share key comments from SPRUCE Science Advisory Board, as well as full document for comment/response.
- All presentations will be uploaded to the SPRUCE website (under Project Meetings).



**Next monthly SPRUCE meeting will be  
Tuesday, July 8, from 3-5pm EDT.**