**Hubbard Brook Committee of Scientists Meeting**

**January 3-4, 2017**

**Cary Institute of Ecosystem Studies**

**Tuesday Afternoon January 3:**

**Mini-workshop on foliar chemistry studies.**

1:00–1:10 Welcome and overview (Linda Pardo)

1:10–1:30 Summary of what we know (Nina Lany)
1:30–1:40 Discussion

1:40–1:50 Regional foliar measurements: snapshot of status, findings, gaps and opportunities *Scott Ollinger, not confirmed)*

1:50–2:00 Remote sensing: current measurements, how HB could help fill gaps, future directions (Lucie Lepine)

2:00–2:10 Discussion and intro to break-out groups

2:10–3:20 Break-out groups (possible topics).

- Which hypotheses about the causes of variation in foliar N do we collectively already have enough data to evaluate?
- What experiments could we design to evaluate hypotheses about the causes of variation in foliar N?
- What future sampling plan for foliar nitrogen and other foliar chemistry would best meet long-term research needs?
- What do we know (and want to know) about consequences of variation in foliar N?

3:20–3:40 BREAK

3:40–4:20 Groups report out and next steps

4:20–4:35 Discussion on USFS Adaptive Silviculture Experiment (Lindsey Rustad)

4:35–5:30 COS meeting (Templer and Battles)

5:30 onward Reception and Dinner at the Cary Institute.

**Wednesday January 4:**

7:00–8:00 SCC meeting

**Long Term Legacies of Acid Deposition in the Northeastern US**

8:30–10:00 Legacy I: Speakers will introduce the nature of long-term impacts of acid deposition and strength of evidence throughout the ecosystem.

10:00–10:30 Morning break

10:30–12:00 Legacy II. Discussion will continue with the question: Are all the long-term impacts of vegetation, animals, and streams mediated by the dynamics of recovery in the soil?

12:00–1:00 Lunch

1:00–1:30 Further Discussion -- Adaptive Silviculture for Climate Change (Lindsey Rustad)

1:30–3:00 2015 and 2021 NSF Proposal Process (Gary Lovett and Peter Groffman)