**Hubbard Brook COS meeting January 3-4, 2018**

**Cary Institute Auditorium Lobby**

**Wednesday, January 3:**

1:00 Welcome and Introductions (Pam Templer and John Battles)

1:15 – 3:00 **Foliar Nitrogen Part 1.** *Patterns and controls of foliar nutrients at Hubbard Brook.*

Main goals: Present preliminary results of analysis of the long-term dataset. Discuss if more or different sampling is needed.

Presentation by Nina Lany and Linda Pardo

*Whole group discussion follows presentation of each topic:*

* Temporal and spatial patterns of foliar nutrients
* Factors that may influence spatio-temporal variation in foliar chemistry
* Foliar sampling at HB: what next?

3:00- 3:15 Break

3:15-3:30 Potential research interests at Hubbard Brook (Caitlin Pries, Asst. Prof. at Dartmouth)

3:30 – 5:15 Communication and messaging strategy for Hubbard Brook Ecosystem Study (Lead: Sarah Garlick)

5:15 Reception/mixer

6:30 Dinner

**Thursday, January 4**

**Foliar Nitrogen, Part 2.** *Is foliar N an integrating variable for the HB ecosystem?*

Main goals: Develop conceptual model of foliar N as an integrating variable, possibly leading to a proposal.

8:30 Welcome, Introduction to session (Matt Ayres and Gary Lovett)

8:40-9:00 Foliar N, plant productivity, and remote sensing (Scott Ollinger)

9:00-9:20 Variation in foliar N across species and across the Northeast (Kathy Crowley)

9:20-9:50 Foliar N, phenology and food quality (Matt Ayres and Nina Lany)

 9:50-10:15 Break

10:15-10:35 Foliar N and belowground food webs (Liz Studer)

10:35-10:55 Foliar N as a scaling tool for landscape and regional scale studies (Peter Groffman)

11:00- 12:00 Small group discussion

12:00-1:00 Lunch

1:00-2:00 Small group report-back and whole-group discussion

2:00 – 3:30: COS Business