**Hubbard Brook Committee of Scientists Meeting**

**January 7-8, 2020**

**Cary Institute of Ecosystem Studies**

**Tuesday Afternoon January 7**

1:00 - 1:10 Pam Templer and John Battles - Welcome and Introductions

**Session 1. The 2013-14 Stream water nitrate spike: Solving the mystery**

1:10 - 1:25 John Campbell - Session introduction

1:25 - 1:35 Charley Driscoll (remote presentation) - Pattern in soil solution

1:35 - 1:45 Peter Groffman - Soil N dynamics

1:45 - 1:55 Bill McDowell - Stream sensors

1:55 - 2:05 Mark Green - Evaluation of regional stream nitrate data

2:05 - 2:15 Pam Templer - Soil frost

2:15 - 2:25 Nat Cleavitt - Vegetation disturbance

2:25 - 2:35 Linda Pardo - Hydropedology

2:35 - 2:45 Emma Rosi and Emily Bernhardt (remotely) - Rain-on-snow, In-stream processing

2:45 - 3:15 **Coffee break**

3:15 - 5:00 Campbell and Green - Structured discussion

5:00 onward Reception and Dinner at Cary Institute.

**Wednesday January 8**

8:00 - 8:45 COS Business Meeting

**Session 2. Valley-wide landscape ecology, modeling, and GIS: Linking across research groups**

8:45 - 8:50 Cleavitt : VW overview: session objectives

8:50 - 9:10 Cogbill & Buso: Land-use history in the valley

9:10 - 9:25S. Bailey & McGuire: Valley-wide soil and stream mapping

9:25 - 9:40 Kelsey & Green: Valley-wide temperature and humidity HOBOs

9:40 - 9:55 **Discussion interlude**

9:55 - 10:05Battles: Valley-wide tree dynamics

10:05 - 10:15 Cleavitt: Valley-wide smaller flora

10:15 - 10:25 Studer & Ayres: New ash related studies in valley

10:25 - 10:40**Discussion interlude**

10:40 - 11:10 **Coffee break**

11:10 - 11:25Rodenhouse: Valley-wide lepidopteran & spider surveys

11:25 - 11:40 Hallworth: Valley-wide Bird point surveys

11:40 - 11:50 Christenson: Charismatic megafauna and Wildlife Cameras

11:50 - 12:05 **Discussion interlude**

12:05 - 1:00 **Lunch**

1:00 - 1:15 Ollinger (pending): Remote sensing in the valley

1:15 - 1:30 Matthes: Modelling efforts using the VW plots

1:30 - 1:45 Lany:Valley-wide past and present study maps; GIS layers

1:45 - 2:00 **Discussion interlude**

2:00 - 2:45 Small group discussion on papers and proposals

2:45 - 3:00 Whole group discussion; plans for follow-up