

Dear Hubbard Brook COS members:

Please find attached the draft agenda for the upcoming July 13, 2018 COS meeting. The overall theme of the meeting is "**Ecosystem Ecology of the Shoulder Seasons.**" The meeting follows the Hubbard Brook Annual Meeting. We will meet in the conference room at the USFS Pierce Laboratory.

The schedule includes a series of brief talks followed by a discussion of next steps. In the afternoon, we have invited colleagues from the White Mountain National Forest to discuss management issues and applied research questions relevant to the National Forest. We finish with an important COS business meeting where we will discuss several critical issues (see below).

### COS Business Meeting Schedule

1. Martin: Proposed update to the Hubbard Brook Data Policy  
10 mins
2. Rustad/Battles: Sharing results relevant to USFS management prior to publication.  
10 mins
3. Groffman/Lovett: Update on Long-term Ecological Research Project  
10 mins
4. Lavallee: Update from Hubbard Brook Research Foundation  
5 mins
5. Rustad: Update from Hubbard Brook Experimental Forest  
10 mins
6. Pardo: Update on Ecological Archives  
10 mins
7. Templer/Battles: Topics for upcoming COS meetings  
10 mins
8. Battles/Templer: Update from Science Coordinating Committee  
5 mins

Hubbard Brook COS Meeting  
July 13, 2018 at Pierce Ecosystem Lab ("Headquarters Building")

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**Ecosystem Ecology of the Shoulder Seasons**

Begin	End	Speaker	Topic
<b>Topic: What data do we have?</b>			
8:30 am	8:45 am	Campbell	Long-term temperature, hydrology, and phenology data
8:45 am	9:00 am	Rustad	Spring trigger
9:00 am	9:15 am	Wilson	Snow, frost, temperature, and moisture along the elevation gradient
9:15 am	9:30 am	Marinos/Richardson	Remote sensing and modeling of phenology
<b>Topic: Mechanistic mysteries</b>			
9:30 am	9:45 am	T. Fahey	Roots
9:45 am	10:00 am	Templer	Cross-season interactions
10:00 am	10:15 am	Fuss	Hydro-bio dynamics
10:15 am	10:30 am	BREAK	
<b>Topic: Aquatics</b>			
10:30 am	10:45 am	Bernhardt/Ross	New work on streams
10:45 am	11:00 am	Lowe	Salamanders
<b>Topic: Biodiversity</b>			
11:00 am	11:15 am	Ayres/Lany	Bugs and birds
11:15 am	11:30 am	Christenson	Animals
11:30 am	12:00 pm	Groffman (moderator)	Discussion and Next Steps
12:00 pm	12:45 pm	LUNCH	
12:45 pm	1:45 pm	Bailey/Garlick (moderators)	Management Issues and Applied Research in the White Mountain National Forest: Guests from WMNF
1:45 pm	3:00 pm	Battles/Templer (moderators)	COS Business Meeting