

## Next-Generation Ecosystem Experiments (NGEE Arctic)

Second All-Hands Meeting  
December 1, 2012  
Shattuck Hotel, Berkeley, CA

### Meeting Goals:

1. Review FY12 milestones, accomplishments, and highlight project deliverables,
2. Evaluate and emphasize interactions among teams, and between experiments and models, and
3. Develop FY13 plans for the field, laboratory, and modeling tasks.

### Tentative agenda:

7:15am – Poster setup; Boiler B

7:30am – Continental breakfast

General Session: Crystal II

8:00am – Introduction (Hinzman)

8:05am – Review FY12 deliverables (Wullschleger)

Task milestones, accomplishments, and next steps

8:15am        Multi-Scale Modeling (Thornton)  
8:45am        Landscape Characterization (Rowland, Hoffman)  
9:15am        Site Characterization (Hubbard)  
9:45am        Hydrology-Geomorphology (Wilson)

10:15am – Break

Task milestones, accomplishments, and next steps (cont.)

10:30am        Biogeochemistry (Graham)  
11:00am        Vegetation Dynamics (Norby)  
11:30am        Independent Tasks for Model Evaluation (Torn)

12:00 noon – Working lunch

- Polygon nomenclature (Wilson and Graham)
- Field implementation and access plan (Liljedahl, Sloan, and Altmann)

1:15pm – Breakout Groups (Targeting improved interactions between models and experiments)

- Fine- and Intermediate-scale modeling (Painter and Kumar); Boiler A
- Climate-scale modeling (Thornton and Riley); Boiler C

2:30pm – Breakout Group Reports (e.g., uncertainties and action items); Crystal II

2:50pm – Break

3:00pm – Team Discussions (Wullschleger and Thornton)

- Discuss critical outcomes identified in the morning session; make task-specific recommendations for FY13 based on progress and deliverables
- Discuss uncertainties and action items from the afternoon breakout group sessions; identify gaps in field and laboratory data for models and issues related to scaling, and make task-specific recommendations for FY13 based on progress and deliverables

Note: The above discussions will be framed in the context of several integrated questions. For example, task-specific feedback can be provided under a set of overarching questions that might include:

- How can we improve communication and integration among science areas?
- What are the next steps as we include broader range of geomorphological features?
- Are we collecting the right data to inform the models, and what are the gaps?
- What do the measurement and modeling teams need next?

4:00pm – Conclusions and FY13 Plans (Wullschleger)

4:30pm – Must vacate Crystal II, but will still retain use of the three breakout/poster rooms

4:30pm – Breakout Groups (Important topics for FY13 field and modeling activities)

- Upscaling and downscaling methodologies (Thornton); Boiler A
- Identification of DTLB and other sites for FY13 (Wilson); Boiler C

5:30pm – Poster session; Boiler B

6:30pm – Adjourn