



**Fourth Annual All-Hands Meeting
December 13-14, 2014
Sir Francis Drake Hotel, San Francisco, CA**

December 13, 2014

7:30am – Continental Breakfast and Poster Display

8:15am – Opening Remarks: Stan Wullschleger

8:30am – Scaling Philosophy: Peter Thornton

- 8:45am – Geomorphology and Landscape Characterization (Mark Lara)
- 9:15am – Multi-scale Modeling Approach (Scott Painter)
- 9:45am – Discussion

10:00am – Break and Poster Display

10:30am – ModEx Philosophy: Alistair Rogers

- 10:45am – Highlights from Field, Laboratory, and Modeling Studies (Several talks)
- 11:45am – Discussion

12:00pm – Lunch and Guest Speaker, Alaska Thermokarst Model (Bob Bolton)

1:15pm – Feedback and Thoughts from BER (Dan Stover)

1:30pm – Sampling Strategies (Susan Hubbard)

- 1:45pm – Zonation and Covariability of Processes (Haruko Wainwright)
- 2:15pm – Site Selection and Characterization (Stan Wullschleger)
- 2:30pm – Discussion

2:45pm – Break and Poster Display

3:15pm – Five Big Questions (Margaret Torn)

4:30 pm – Permafrost RCN (Dave McGuire)

5:00pm – Adjourn



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7:30am – Continental Breakfast and Poster Display

9:00am – Data Discussion

- Portal and Data Availability (TBD)
- SewPen Data (Larry Hinzman)

10:00am – Break and Poster Display

10:30am – Breakout Sessions

- Data, Metadata, and doi Assistance (Data Management Team)
- Thermal-Hydrology Model Initialization, Forcing and Evaluation Data (Cathy Wilson, Larry Hinzman)
- Intermediate-Scale Models TEM and ATM (Bob Bolton)
- CT Scan and Core Analysis Jamboree (Susan Hubbard, Tim Kneafsey)

11:45am – Quest Speaker, Eric Kasischke, NASA ABoVE

12:30pm – Lunch and Poster Display

1:45pm – Breakout Sessions

- Fine-Scale to Climate Scale (Peter Thornton, Gautam Bisht)
- Mechanistic Modeling and Experiments in Microbial Carbon Cycling (David Graham, Bill Riley)
- Observing and understanding the production and release processes of shoulder season CO₂ and methane pulse emissions (Naama Raz-Yaseef, Margaret Torn)
- Tram, Remote Sensing and ARM Opportunities (Bryan Curtis, Jessica Cherry)

3:00pm – Phase 2 Proposal (Cathy Wilson)

- Geomorphology and Scaling Concepts (Joel Rowland, Jitu Kumar)
- Sampling Strategy (Stan Wullschleger)
- Bridging Scales and Reducing Model Uncertainty (Peter Thornton)
- Benchmarking and UQ (Forrest Hoffman)

4:15pm – Summary and Conclusion – Stan Wullschleger

4:30pm – Leadership Team Meeting (Leadership Team)

4:30pm – Breakout Rooms Available (Request use)

5:00pm – Adjourn