



## BNZ LTER Annual Symposium

April 21-22, 2017

Pike's Waterfront Lodge - Fairbanks, Alaska

Co-organizers: Teresa Hollingsworth and Merritt Turetsky

## Direct effects of climate change on ecosystems and disturbance regimes

### I. GENERAL MEETING INFORMATION

During this year's annual workshop, we will be focusing on Theme 1 (Direct effects of climate change on ecosystems and disturbance regimes), with the goal of strengthening proposed Theme 1 research and maximizing overlap and interactions with the other Themes of our newly funded proposal. **To prepare for this meeting, we ask that all participants take the time to read the recently funded LTER 16 proposal.**

(A copy of the funded proposal can be downloaded at:

<http://www.lter.uaf.edu/publications/reports/id/pro2016>)

#### Specific workshop objectives:

- Discuss our new overall research plan and the opportunities for initial collaborations, research projects, and products, with a focus on Theme 1.
- Strengthen linkages between themes.
- Discuss opportunities for how modeling can support the other themes, and in particular Theme 1.
- Develop one and three-year road maps for accomplishing these goals.

#### Workshop format:

The workshop will include a few short presentations, mostly to facilitate discussions and group work. The remaining workshop will be dedicated to interactive communication in the form of:

- World Café\*: will facilitate a discussion on supporting/enabling elements of an integrated science platform related to Theme 1.
- Panel discussion of Theme leaders will build on group ideas and generate dialogue.
- Break-out groups: will begin to design research priority activities identified during the World Café dialogue.
- Poster session: sharing and exchanging ongoing and planned research.

*\*The World Café is a methodology for hosting conversations about relevant questions and themes. Our goal is to create multiple conversations that build off of each other to explore issues related to Theme 1. This technique is effective in building new network connections and more deep information generation and exchange than what can be achieved with individual presentations.*

<http://www.lter.uaf.edu/publications/presentations/id/sym2017>



## II. WORKSHOP SCHEDULE

**Friday April 21, 2017**

**8:30 - 9:00**      **Continental breakfast - Provided by Pike's**

**9:00 - 9:10**      Introduction by Merritt Turetsky and Teresa Nettleton Hollingsworth

**9:10 - 9:30**      Roger Ruess- Overview of the history of Theme 1, starting with the first LTER research program and questions relating to the direct effects of climate

**9:30 - 10:00**      Teresa Nettleton Hollingsworth and Merritt Turetsky: Current status of the Theme 1, including Regional Site Network and some of the research that is being done at the RSN

**10:00 - 10:30**      Jamie Hollingsworth and Jason Downing : LTER Site management and data management

**10:30 - 10:45**      **Coffee Break**

**10:45 - 11:00**      Overview of aims and approach of The World Café

**11:00 - 12:00**      First round of World Café - Within theme questions  
*Specific discussion questions will be provided at the meeting*

**12:00 - 1:30**      **Lunch - Provided by Pike's**

**1:30 - 2:30**      Second round of World Café: Cross-theme questions

**2:30 - 3:00**      Break and World Café Table Leaders meeting

**3:00 - 5:00**      Round table discussions to develop strategies for ideas developed during World Café

**5:30 - 7:00**      Mixer & Poster Session; Dinner provided by Pike's with cash bar available.

<http://www.lter.uaf.edu/publications/presentations/id/sym2017>



**Saturday 22 April**

**8:00 - 8:30 Continental breakfast - Provided by Pike's**

**8:30 - 9:45 Panel discussion: "Cross-theme linkages in the new round of LTER"** - How can results from Theme 1 inform other themes, and vice versa? Panel will be comprised of Theme Leaders: Michelle Mack, Jay Jones, and Knut Kielland (Scale-dependent climate-disturbance interactions as drivers of ecological landscape change) Helene Genet (Linking landscape heterogeneity with regional and global climate feedbacks), Todd Brinkman (Coupled social-ecological dynamics for interior Alaska) and Jill Johnstone (Integrating LTER Science and resource management with regional environmental change through co-production) and the panel will also answer questions from the audience.

**9:45 Break**

**10:00 - 12:00 Breakout** - We will have different options for activities, including breakout group discussions, which will be discussed during the meeting introduction on Friday.

**12:00 Lunch - Provided by Pike's**

**1:00 - 4:00 Breakout** - Targeted discussion topics for break-out groups.

*Topics (conditional based on outcome of Friday's meeting):*

- 1) Regional site network as an opportunity*
- 2) Discussion of modeling as an integration tool to enhance linkages between Theme 1 and other research themes*
- 3) Solicit other ideas*

**4:00 - 5:00** Final group discussion and finalization of 1 and 3 year road maps

**5:00 - 5:30** Final reflections and comments by Roger Ruess, Teresa Hollingsworth, and Merritt Turetsky

**Meeting adjourned!**

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