**Ecological Data Literacy**

Tuesday, September 1, WG Session 5 (4PM - 6PM)

Reusch Auditorium - Sweet

**Summary**

This working group session focused on how LTER sites are contributing to ecological data literacy for K-12 teachers and students. We reviewed research and framework for ecological data literacy and presented several successful examples of how LTER sites are engaging students and teachers with LTER data or LTER-related data. We ended with a discussion about possible cross-site LTER activities in data literacy.

**Participants**

Kari O’Connell (AND, co-leader), Alan Berkowitz (BES, co-leader), Kara Haas (KBS), Jill Haukos (KNZ), Pamela Snow (HFR), Liz Duff (PIE), Amanda Morrison (ARC/SGS), Scott Simon (SBC), Art Schwarzschild (VCR), Alexandra Rose (VCR), Charina Layman (CCE), Mary Spivey (CDR), Janice McDonnell (PAL), Luca Marrazzi (FCE)

**Agenda**

4:00 - 4:10 Introduction and Welcome (Kari)

4:10 - 4:20 Review research and framework for data literacy (Alan Berkowitz)

4:20 - 4:30 NGSS and connections to data literacy (Steven McGee)

Examples of how LTER sites are contributing to ecological data literacy for K-12 teachers and students

4:30-4:45 Data Jam (Alan, Stephanie)

4:45 – 5:00 Harvard Forest (Pamela Snow)

5:00 - 5:15 [CONVERGE](http://coseenow.net/converge/) (Janice McDonnell)

5:15-6:00 Discussion of possible cross-LTER activities in data literacy

Our final discussion consisted of the formation of an ecological data literacy working group that would watch for opportunities to submit a working group proposal to the new LNCO or the conference/workshop strand of DRK12. Alan and Kari will take the lead. Such a proposal would include a driving question about the pathway to get them (students and teachers) to our “hope” (high level data literacy) and to find out where teachers and students are now in terms of ecological data literacy. We continued to refine these ideas in a follow up working group focused on education research.