

Andrews Forest LTER Monthly Meeting Minutes

Friday, Dec 2, 2011, 9 – 11 AM

NEXT MEETING: Friday, January 13, 2011. 9 – 11 AM. RH313

Minutes from previous Andrews Forest LTER Monthly Meetings can be found at <http://andrewsforest.oregonstate.edu/pubs/mtgnotes/monthmtg.cfm?topnav=42>

SCIENCE HOUR (9 – 10 AM)

The Paradox of cooling streams in a warming world: Understanding thermal regimes of streams in Western North America. Ivan Arismendi, Sherri Johnson, Jason Dunham, Roy Haggerty

SCIENCE HOUR ATTENDEES

Sherri Johnson (lead), Lina DiGregorio (notes), Mark Schulze, Alba Argerich, Cheryl Friesen, Terry T. Baker, Theresa Valentine, Fred Swanson, Linda Ashkenas, Bill Gerth, Greg Downing, Bob Hoffman, Kathleen Miles, Brooke Penaluna, Jason Dunham, Rosalinda Gonzales, Randy Wildman, Adam Kennedy, Paul Measeles, Sean Murphy, Ethan Dereszynski, Dave Hockman-Wert, Jeff Falke, Matt Sloat, Don Henshaw, Suzanne Remillard

BUSINESS MEETING (10 – 11 AM)

NEW FACES

Terry T. Baker. Ranger at McKenzie River Ranger Station. Previously worked in Nebraska in the Sand Hills in the manmade forest there. Before that he was in the Rogue-Siskiyou National Forest. originally from Florida .

ANNOUNCEMENTS

- Jones with 55 collaborators submitted a pre proposal to NSF's sustainability research network opportunity. Idea is to connect networks of researchers to do research on sustainability. Connect headwater records to larger basins where there are municipal water supplies and changing land use. A little like the WW2100 project but taking a more simplistic approach to compare across systems. One advantage is highlighting the value of long-term sites and enhancing the communication between those sites.
- LTER cross site opportunities. Alba Argerich is applying for the post doc opportunity. Are there others from the Andrews group? Don Henshaw and the IM group will be putting in a proposal for a workshop to look at integration of

climbDB, hydroDB and streamchemDB into the LNO information system and use of extended metadata.

- Dan Macready now at Virginia Commonwealth University published in *Fisheries* on using the Andrews fish data and some of the spatial datasets from the Andrews to product regional abundances of trout within McKenzie Basin. Modeling approach is different than what we've done previously.
- We have a new graduate representative. Kathleen Miles. She will replace Monica Hubbard who has finished her two year term. Big thanks to Monica for her service and contributions to the LTER program. Welcome, Kathleen!
- Interviews for the 4 candidates for the Spaniol Chair will be the second half of January.
- COF is hiring a statistician to help with research project. Interviews are next week in Peavy Hall.

EDUCATION UPDATE – Kari O'Connell

- Jill Semlick, a previous RET, spent time in Israel working with teachers on science. It's been a good international connection with the teachers. We'll be holding a teacher workshop to help feed into that program. Jill will come and talk at OSU in February. Jill will be an RET this summer to follow up on that work and to interact with other RET participants.
- Kari is working on an NSF proposal.
- WNF is putting in a proposal for Kids in the Woods.

WILLAMETTE NATIONAL FOREST UPDATES – Cheryl Friesen

- WNF was accepted as a NOAA climatological station. Will be above trail ridge reservoir. What happens to the data from that site? It is shipped to the regional office. Not sure what happens to it from there.
- WNF will invest in creating a map that shows all climatological stations and what parameters are being collected at each site and where that data goes
- Bernard Borman PI for productivity site. He has money to do a remeasurement of LTERP. He has worked that study into a climate change theme.

SITE NEWS – Mark Schulze

- Snowmobile training will be end of December or early January. There will be an email to LTERshort. Interested people should contact Jay Sexton. \$25 charge.
- We've had some snow at low elevations. There is snowpack at higher elevations.
- The tower on Roswell was installed. If all goes according to plan, the radios might function by Tuesday night after one more trip up to Roswell Ridge.

- Holiday Party on December 13 on site.
- Education. Mark and Kathy went to U of O's Canopy Connections organization meeting for 2012. Theme will be ethnobotany. The program is getting more popular at U of O so there are a lot of students applying to participate.
- The winter of the big leaf maple contest is Ari Demarco. 19 ^{3/4}". Don Henshaw gets first place for the Valley. 18 ^{1/2}" The award is organic maple syrup.
- Limited winter hours for the front office on site. Call ahead if you need assistance.
- Large groups are making reservations for May and early September. If you have facilities reservations needs at that time send Kathy Keable your information soon

IM UPDATE – Don Henshaw

- We hosted a sensor network workshop at Hubbard Brook at the end of October. 75 attendees: 30 from LTER sites. Mix of information managers and field researchers and grad students. Discussion on technology and QA/QC for streaming data. They are planning to put up a best practices website for a source of information. Working on a paper and possibly put in a training proposal to the LNO and a workshop at the ASM.

RESEARCH PLANNING FOR POSSIBLE THINNING EXPERIMENT.

In the past, most of the logging on the Andrews was clear cuts. Most were 30-40 years ago.

More recently, thinning stands were UAMP and the young stands thinning diversity study.

We have a lot of stands that were planted and left and are now not representative of the management practices in public forests.

We have the opportunity to do a thinning study. General themes raised to date are:

- Effect of thinning on ecosystem processes. Managing for resilience under climate change. Human dimensions
- Thinning in riparian zone
- Managing old young stands for early seral habitat

There are a few potential experimental watersheds in unit L402A (1508 Road). We are limited in what stands are available and in staff time.

Julia requested that the maps be shared online. They are helpful in framing the discussion.

Suggestion from Terry Baker, WNF: It may be possible to bundle some of the marginally-profitably stands with a stewardship contracting plan and bundle those with more profitable stands. It may be a way to open up other possibilities on the Andrews.

Terry Baker's feedback is that a current issue with the Forest Service is the early seral issue so that may be something for us to consider.