

**Summer 2003 Coweeta Meeting, 24-25 June
Macon Bank Corporate Headquarters Building, Franklin, NC**

This meeting was held in the Macon Bank Corporate Headquarters since the Coweeta Conference Center was not yet finished. The first day of the meeting, Tuesday June 24, consisted of science-update presentations. The second ½-day, Wednesday June 25, was a planning session for upcoming activities. On Tuesday evening, a graduate student poster session was held with a cash prize for the “best-of-show.” The winner was Chris Frost.

Attending:

Larry Band	Ted Gragson	Jennifer Knoepp	Bob Ratajczak
Fred Benfield	Bruce Haines	Shannon LaDeau	Kitti Reynolds
Chris Burcher	Michelle Hersh	David Leigh	Mark Riedel
Toni Chapman	Jeanie Hilten	Omar Lopez	Mark Scott
Barry Clinton	Jeff Houser	Kenny Marcus	Cho Seong-Hoon
Patsy Clinton	Mark Hunter	Lisa Mazzarelli	Craig Stickney
Lacy Coggins	Stephanie Hyder	Pat Mulholland	Wayne Swank
Dave Coleman	Ines Ibanez	Scott Pearson	Jim Vose
Martin Doyle	Hunter Keys	Davis Pinner	Dave Wear
Katherine Elliott	Ryan Kirk	Katie Price	Jack Webster
Duane Foster	Brian Kloepfel	Ron Pulliam	

Meeting Agenda:

Tuesday 24 June 2003

9:00 Introduction and Meeting Announcements (Gragson, Kloepfel, and Vose)
 9:15 All Taxa Biotic Inventory at the Great Smoky Mountains National Park - Jeanie Hilten
 9:45 Rhododendron Ecophysiology Research - Barry Clinton and Jonathan Horton
 10:15 Coweeta Stream Nutrient Dynamics - Larry Band and Jim Vose

10:45 Break

Research Theme Leader Updates

11:00 Mapping Long-Term Land-Use Trajectories - Ryan Kirk and Paul Bolstad
 11:15 Environmental Gradients - Brian Kloepfel
 11:30 Disturbance Regimes - Ted Gragson
 11:45 Sedimentation as an Anthropogenic Driver - Jim Vose

12:00 Lunch - Lunch will be provided by the Coweeta LTER Program and delivered by the Gazebo Creekside Café in Franklin, NC

Research Theme Leader Updates

1:00 Organic Matter as an Anthropogenic Driver - Jack Webster
 1:15 Climate and Site Controls of Forest Form and Function - Jim Clark, Ron Pulliam, and Scott Pearson
 1:30 Conceptual and Technical Development of the Forecasting Framework - Dave Wear
 1:45 Partial Validation of Land-Use Forecasts - David Leigh and Cathy Pringle
 2:00 Information Management - Barrie Collins

2:30 Break

- 2:45 Coweeta Hydrologic Laboratory Research Initiatives Update - Jim Vose
 3:00 GIS, Hydrologic models and the 'zone of influence' - Chris Burcher
 3:15 Mars Hill study site project group discussion
 4:00 Adjourn to Patriccio's Italian Restaurant for Graduate Student Poster Session and Social. The student with the best poster will be awarded a \$300 prize for research or travel needs (judging by the Coweeta LTER Science Advisory Committee)

Posters:

1. **Chris Burcher et al.** Identifying overland flow 'zones of influence' using spatially explicit hydrologic models in GIS
2. **Chris Frost et al.** Frass from Canopy Herbivores Increases Soil Nitrogen, Carbon, and Nitrogen Export from *Quercus rubra* Mini-ecosystems
3. **Beth Hagen et al.** Effects of Agricultural Disturbance on Autumn and Winter Allochthonous Input in Southern Appalachian Streams
4. **Ines Ibanez et al.** Role of climatic variability on tree species recruitment
5. **Ryan Kirk et al.** High-Resolution Satellite Imagery of the Coweeta Basin (not for competition)
6. **Shannon LaDeau and James S. Clark.** Climate Effects on Forest Tree Fecundity

6:00 Dinner - Patriccio's Italian Restaurant - 201 Highlands Road, Franklin, NC

Wednesday 25 June 2003

- 8:30 Meeting Announcements
 8:45 Mars Hill study site project group discussion (continued if needed)
 9:30 Theme Leaders: document what is going on and where is it occurring

10:00 Break

- 10:15 Breakout groups as needed
 11:45 Discussion of January 2004 Science Meeting Dates and Times
 12:00 Meeting Adjourned

Co-PIs Not Attending

Paul Bolstad
 Jim Clark
 Gary Grossman
 Dave Newman
 Cathy Pringle
 Monica Turner