

5th Annual Summer Course in Flux Measurements and Advanced Modeling

July 16-27, 2012



Organizers: Dave Moore (University of Arizona),
Paul Stoy (Montana State University, and Russ
Monson (University of Arizona)

**University of Colorado Mountain Research
Station, near Boulder, Colorado, USA**

**Fees: \$2500 for course fees, room and board;
plus you must provide your own means of
transportation to Boulder, Colorado**

The course will be offered to 24 graduate students, post-docs and faculty members and will cover: flux measurements at the leaf level; modeling leaf CO₂ and H₂O fluxes; eddy covariance measurements; use of stable isotopes to infer ecosystem-atmosphere fluxes; predictions of fluxes from satellite observations; canopy flux models; assimilation of flux observations and satellite remote sensing data into ecosystem process models; and Bayesian approaches to modeling.

Participating Faculty (to be confirmed): Dennis Baldocchi (University of California), Carl Bernacchi (Univ Illinois), Dave Bowling (University of Utah), Rosie Fisher (NCAR), Deborah Huntzinger (University of Michigan), Larry Jacobsen (Campbell Scientific, Inc.), Ray Leuning (CSIRO, Australia), Hank Loescher (NEON, Inc.), Pat Morgan and George Burba (LI-COR Biosciences), Marcy Litvak (Univ New Mexico), Russell Monson, David Moore and Shirley Papuga (University of Arizona), Tristan Quaife (Univ College London), Dave Schimel (NEON, Inc.), Paul Stoy (Montana State), Ed Swiatek (Campbell Scientific, Inc.), Dan Yakir (Weizmann Institute), John Zobitz (Augsburg College)



Applications by email: Please include a CV, a statement as to why you want to participate in the course and how you anticipate it helping your research, and arrange to have a letter/email sent from your major advisor supporting your application.

Email: fluxobsandmodels@gmail.com

Apply to: Dr. Dave Moore School of Natural Resources and the Environment, University of Arizona, Tucson, AZ 85721

Deadline: March 30, 2012.
Selections announced by April 15, 2012

