



Interdisciplinary Modeling: Water-Related Issues and Changing Climate

RGSC 618 (Summer 2012)

3 graduate credits (transferrable to other institutions)

New Applications Deadline: April 13, 2012

- Course Dates:** June 4 – 15, 2012, 8 a.m.-5 p.m.; 8 hrs per day, including weekend
- Course Location:** New Mexico State University (room TBD)
- Course Web Page:** <http://www.cabnr.unr.edu/saito/Classes/rgsc618/rgsc618.htm>
- Course Instructors:** Coordinating Instructors:
- **Laurel Saito** (Dept. of Natural Resources and Environmental Science, Univ. of Nevada Reno (UNR); aquatic ecosystem modeling)
 - **Alexander Fernald** (Dept. of Animal and Range Sciences, New Mexico State Univ. (NMSU); surface-groundwater interaction modeling)
 - **Timothy Link** (Dept. of Forest Resources, Univ. of Idaho (UI); snowpack energetics modeling)
- Plus 28 additional instructors from 12 institutions
- Course Description:** Students will be introduced to models that are available in different disciplines and how such models might be applied together to address water-related issues regarding climate change, address issues of variability and uncertainty in implementing interdisciplinary approaches, and gain experience in working in interdisciplinary teams to apply interdisciplinary modeling approaches to increase knowledge about water-related issues regarding climate change. Students will use a common software to do an interdisciplinary project regarding the New Mexico acequias project.

Travel and lodging will be paid by the NSF EPSCoR projects of Idaho, Nevada, and New Mexico for non-NMSU students. Students accepted into the course must commit to attending the entire course. Applicants will be notified of acceptance into the course after March 31. Course credits will be granted at NMSU, but will be transferrable to other institutions in August 2012. Please see website for more details.

To apply, go to the course web page, fill out the application form, and send it to Laurel Saito by April 13 or class is filled.