Interdisciplinary Modeling: Water-Related Issues and Changing Climate
GEOS 697 (Summer 2015)
3 graduate credits (transferrable to other institutions)

Applications due March 15, 2015

Course Dates: June 1 – 13*, 2015, 8 a.m.-5 p.m.; 8 hrs per day, including weekend

*final report is due June 20, 2015

Course Location: Boise State University (room TBD)

Course Web Page: http://www.cabnr.unr.edu/saito/Classes/geos697/geos697.htm

Course Instructors: Coordinating Instructors:

- **Laurel Saito** (Dept. of Natural Resources and Environmental Science, Univ. of Nevada Reno (UNR); aquatic ecosystem modeling)
- **Dan Cadol** (Dept. of Earth and Environmental Sciences, New Mexico Tech (NMT); ecohydrologic modeling)
- **Alexander Fernald** (Dept. of Animal and Range Sciences, New Mexico State Univ. (NMSU); surface-groundwater interaction modeling)
- **Alejandro Flores** (Dept. of Geosciences, Boise State Univ. (BSU); hydrometeorologic modeling)
- **Timothy Link** (Dept. of Forest Resources, Univ. of Idaho (UI); snowpack energetics modeling)

Plus 16 additional instructors from 8 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 modeling project regarding water-related issues in Idaho, Nevada, or New Mexico.

Travel and lodging will be paid by the NSF EPSCoR WC-WAVE project of Idaho, Nevada, and New Mexico for non-BSU students. Students accepted into the course must commit to attending the entire course. Applicants will be notified of acceptance into the course after March 15. Course credits will be granted at BSU, but will be transferrable to other institutions in August 2015. 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 March 15.