**ES 176B**

**Advanced Study of Water Policy Summer 2013 Course Information and Outline**

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**Class Time:** Summer Session  **Class Location:** Field Office: 4011 Bren Hall

**Course Description:**
This course is a follow-on from ES 176A on water policy. We will continue the exploration of the physical systems and the nexus of science, the environment, policy, and economics. We will approach this key environmental policy subject through field work and site visits. The course will provide students with an opportunity to focus on a policy issue of broad environmental, social, and economic significance. We will explore the following questions: What are the policy issues? What roles do science, technology, economics, law, and social and political factors play in the policy process? We will examine the basics of water supply and use, the science of water systems and watersheds, key concepts in water policy, and we will cover the basics of water law as a fundamental element of the history and context for water policy in the West.

ES 176B includes a two-week field trip to the Central Valley, Yosemite National Park and Hetch Hetchy, the Mono Lake and Owens Valley watersheds, the Klamath watershed, and other parts of the state to provide students with a first-hand opportunity to see and discuss water and watershed policy, science, and management issues. The field trip will involve camping and backpacking.

**Course Information and Requirements:**
- **Prerequisites for the course:** ES 176A is a prerequisite for ES 176B.
- **Units:** 4 units
- **Requirements:** Write several papers and other short assignments, quizzes, and active participation in class

**Grading Program:** The course grade will be based on the following point scale:
- Resume, Bio/mug, and Statement of Aspirations 50
- Grant Proposal 100
- Op Ed 100
- Journal/map 200
- Research Paper 400
- Presentation 150
- Class participation 1000
- Total Points 2000