

GRAD592

Interdisciplinary Water Resources Seminar
Fall 2017 *Water Management in Colorado*
Mondays 4:00 – 5:00 PM Behavioral Sciences Room 103

The purpose of the Interdisciplinary Water Resources Seminar is to prepare students for careers in water resources by increasing their understanding of how water is actually managed in Colorado.

Specifically, the seminar will:

1. Examine the roles of various local, state, and federal agencies in water quantity and quality and environmental management
2. Understand the role of the political process in water management
3. Prepare students for water-related careers by learning the analytical and data tools used in tracking and managing water in Colorado

Students interested in taking the one-credit seminar should sign up for GRAD592, Water Resources Seminar, CRN 74006. The seminar will be held at 4:00 pm Monday afternoons in BSB Room 103. Students who have enrolled in GRAD592 in the past may also enroll for this offering.

Seminar Instructor: Jennifer Gimbel (jennifer.gimbel@colostate.edu)

Tentative Seminar Schedule

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| Aug 21 Introductions, Course Overview, and Overview of State and Federal Statutes | Oct 23 Project Development and Financing
Mike Brod, Colorado Water Resources and Power Development Authority
Kirk Russell, Colorado Water Conservation Board |
| Aug 28 Overview of Online Tools and Databases at Colorado's Decision Support Systems (CDSS)
Steve Malers, Open Water Foundation | Oct 30 Case Study: Development of NISP
Eric Wilkinson, Northern Water |
| Sep 4 No Class, Labor Day | Nov 6 Environmental Issues: Instream Flows, ESA, NGOs, Healthy Rivers, Recreational Flows, Wild and Scenic Designations; How to Use Databases to Recommend Instream Flows to CWCB
Linda Bassi, Colorado Water Conservation Board
Steve Malers, Open Water Foundation |
| Sep 11 Federal, State, and Water User Entities Roles and Responsibilities
Jennifer Gimbel, CWI | Nov 13 Compacts and Downstream States; Political Process in Water Management
Jennifer Gimbel, CWI
John Stulp, Special Policy Advisor to the Governor for Water |
| Sep 18 Administration of Water Rights: Roles of Division Engineer and Water Commissioners
Dave Nettles, DWR
Steve Malers, Open Water Foundation | Nov 20 No Class, Fall Break |
| Sep 25 Changing a Water Right — The Process
Jennifer Gimbel, CWI
Erin Wilson, Wilson Water Group | Nov 27 Wrap-Up and Review |
| Oct 2 Changing a Water Right — Lab Session
Steve Malers, Open Water Foundation
Erin Wilson, Wilson Water Group | Dec 4 Class Discussion, Semester Assignment Due (Attendance Required) |
| Oct 9 Groundwater — Permitting, Exempt vs. Non-Exempt, Augmentation Plans, Using AWAS
Jeff Deatherage, Colorado Division of Water Resources | |
| Oct 16 Water Quality: Compliance, Point and Non-Point Pollution, NPDES Permitting, WOTUS
Patrick Pfaltzgraff, Colorado Dept. of Public Health and the Environment | |

All interested faculty, students, and off-campus guests are encouraged to attend. For more information, contact Reagan Waskom at reagan.waskom@colostate.edu or visit cwi.colostate.edu