



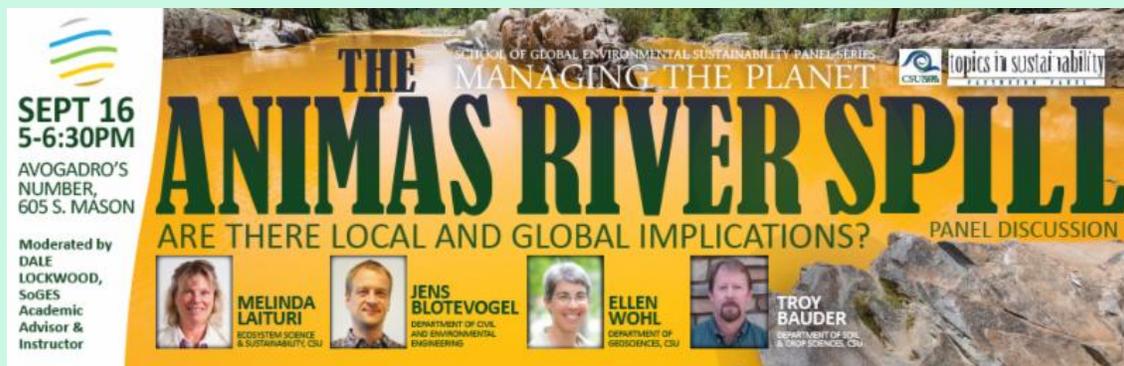
THE CURRENT

An eNewsletter of the CSU Water Center



FEATURE

The Animas River Spill: Are there local and global implications?



September 16, 2015 | 5:00-6:30 pm | Avogadro's Number | 605 S. Mason

The Animas River in southern Colorado was polluted by 3 million gallons of wastewater from the abandoned Gold King Mine on August 5, 2015. A panel of CSU experts will be discussing the consequences of this spill along with similar issues on a global scale.

This event is co-sponsored by the [School of Global Environmental Sustainability](#) and the [CSU Water Center](#).

Panelists:

- Melinda Laituri, Ecosystem Science and Sustainability
- Ellen Wohl, Department of Geosciences
- Troy Bauder, Department of Soil and Crop Sciences
- Jens Blotevogel, Department of Civil and Environmental Engineering
- Moderated by Dale Lockwood, SoGES Academic Advisor and Instructor

HIGHLIGHTS

GRAD 592 - Water Resources Seminar

Mondays 4:00-5:00 pm | Natural Resources Bldg | Room 109

Please join us for our fall seminar series on water careers, jobs, and leadership. All interested faculty, students, and community members are encouraged to attend. The full schedule is available online [here](#).

Introducing Student Job Board on Water Center Website!

The CSU Water Center has started a web-based job board for students to discover jobs and internships in water-related fields including: ecology, economics, engineering, fish and wildlife, natural resources, and the social and natural sciences.

Explore the job board [here](#).

Sustainable Water Interdisciplinary Minor (SWIM) - Enrollment now open!

The purpose of this minor is to offer undergraduate students an opportunity to gain a deeper knowledge of the many dimensions of water management. Students will take 21 credits in core and elective courses. This minor is open to any major.

Click [here](#) for more information and to download the course checklist.



If there is magic on this planet, it is contained in water ~ Loren Eiseley

SUSTAINABLE WATER INTERDISCIPLINARY MINOR

CSU's Sustainable Water Interdisciplinary Minor (SWIM) offers undergraduate students, regardless of their major, an opportunity to gain a deeper knowledge of the many dimensions of water management. By taking advantage of the outstanding water expertise available at CSU, students can better prepare themselves for careers in water management or graduate study in a water-related area.

CSU WATER CENTER

in partnership with  SCHOOL OF GLOBAL ENVIRONMENTAL SUSTAINABILITY
Colorado State University

SWIM
21 credits required
minimum of 12 upper-division (300-400 level) courses

For further information, please visit www.watercenter.colostate.edu

LOCAL AND REGIONAL EVENTS

2015 Sustaining Colorado Watersheds Conference

October 6-8, 2015 | Westin Riverfront Resort | Avon, CO

This conference works to expand cooperation and collaboration throughout Colorado in natural resource conservation, protection and enhancement by informing participants about new issues and innovative projects and through invaluable networking.

Click [here](#) for more information.

Best Practices for Collaborative Water Decisions: Moving from Concept to Action

October 14-16, 2015 | Wine Country Inn | Palisade, CO

This highly interactive training, hosted by the Colorado Water Institute and CDR Associates, will help water professionals, leaders, and stakeholders deepen and strengthen their skills, tools and capacity for collaboration and consensus-building on complex water challenges.

Click [here](#) for more information.

CSU Natural Gas Symposium

October 27-28, 2015 | Lory Student Center

Hosted by the Energy Institute at CSU for the fifth year, this event will offer talks on a balanced variety of topics relating to natural gas. Students are encouraged to attend. Theme: Key Components for Sustainable Industry-Community Collaboration. How can the oil and gas industry be environmentally and economically sustainable? How do businesses, local and state governments enhance sustainability in an oil and gas commodity pricing environment?

Click [here](#) for more information.

26th Annual South Platte Forum

October 28-29, 2015 | Embassy Suites | Loveland, CO

The South Platte Forum provides an avenue for a timely, multi-disciplinary exchange of information and ideas important to resource management in the South Platte River Basin. This year's theme is "Growing Forward in the South Platte Basin."

Click [here](#) for more information.

Western Water Conference

October 28-29, 2015 | Salt Lake City, UT

This year's theme is "Water Management Strategies for Addressing Long-Term Drought and Climate Uncertainty."

Click [here](#) for more information.

Upper Colorado River Basin Water Forum

October 28-29, 2015 | Grand Junction, CO

The 2015 Forum will be an interdisciplinary dialogue between academic, practitioner and artistic perspectives on water issues affecting the Upper Colorado River Basin. The theme is "Managing for Extremes."

Click [here](#) for more information.

AWRA Annual Water Resources Conference

November 16-19, 2015 | Grand Hyatt Denver | Denver, CO

Conference sessions address timely water issues such as water stewardship; pharmaceuticals/personal care products in wastewater; alluvial aquifer recharge; agricultural water conservation; exploring water-related tradeoffs of oil/gas development through the lens of social and economic systems; Western water law; innovative technologies; water and petroleum production; coastal challenges and a number of other current topics of interest.

Click [here](#) for more information.

NATIONAL AND INTERNATIONAL EVENTS

Call for Abstracts - AWWA ACE 2016 Conference

Regular Submission Deadline: Sept 17, 2015 | Young Professionals/University Forum Deadline: October 15, 2015 | Conference Dates: June 19-22, 2016

This four-day professional program will dig into more than 30 interest areas and will include useful discussions in the areas of direct potable reuse, source water protection, water loss control, and asset management.

Click [here](#) for more information.

Call for Abstracts - 2016 American Association of Geographer's Conference (2016)

Submission Deadline: October 1, 2015 | Conference Dates: March 29-April 2, 2016

A session entitled "Multi-Scalar Conflicts over Hydraulic Fracturing" has been proposed for this conference. This session seeks to examine multi-scalar conflicts generated by the practice and politics of hydraulic fracturing and how these conflicts, in turn, shape environmental governance.

Please send abstracts to [Sarah Romano](#) or [Jen Schneider](#).

WaterSmart Innovations 2015

October 7-9, 2015 | Las Vegas, NV

Water professionals from around the globe will meet in Las Vegas to share their expertise and experiences in urban water efficiency at the annual WaterSmart Innovations Conference and Exposition.

Click [here](#) for more information.

Water Infrastructure Conference

October 13-16, 2015 | Bethesda, MD

Challenges posed by climate change, population growth, increased water consumption, increased urbanization and the need for vigilance against man-made and natural threats place increasing demands on water and wastewater utilities. This conference will address these water infrastructure issues.

Click [here](#) for more information.

Water & Health Conference

October 26-30, 2015 | Chapel Hill, NC

The 2015 Water and Health Conference: Where Science Meets Policy, organized by The Water Institute at UNC, considers drinking water supply, sanitation, hygiene and water resources in both the developing and developed worlds with a strong public health emphasis.

Click [here](#) for more information.

Call for Abstracts - Western Political Science Association 2016 Conference

Conference Dates: March 24-26, 2016

A session entitled "The politics of water governance at a time of crisis: Creating opportunities through new analytical lenses" has been proposed for this conference.

Please contact [Raul Pacheco-Vega](#) with questions or proposals for this session.

GRANTS AND FELLOWSHIPS

American Fisheries Society Policy Fellowship

Application Deadline: September 25, 2015

AFS seeks applications for one half-time, six-month position to work on science, management, and policy issues related to freshwater flow and instream use. Applicants must be AFS members. Applications (a one-page statement of interest and a separate resume) should be submitted as attachments to an email sent to Tom Bigford, AFS Policy Director (tbigford@fisheries.org). Each application should recommend two AFS members who could serve as mentors, one of whom will be selected to provide non-supervisory guidance to the Fellow during the work period.

For more information, contact [Tom Bigford](#).

NSF - Hydrologic Sciences

Proposals accepted anytime.

The Hydrologic Sciences Program focuses on the fluxes of water in the environment that constitute the water cycle as well as the mass and energy transport function of the water cycle. The Program supports the study of processes from rainfall to runoff to infiltration and streamflow; evaporation and transpiration; the flow of water in soils and aquifers; and the transport of suspended, dissolved, and colloidal components.

Click [here](#) for more information.

EMPLOYMENT OPPORTUNITIES

Research Associate (CIRES/Western Water Assessment Program Manager)

The Cooperative Institute for Research in Environmental Sciences (CIRES) is seeking a full-time Program Manager and Research Associate for the Western Water Assessment (WWA), a NOAA Regional Integrated Sciences and Assessment (RISA) team.

Click [here](#) for more information.

GIS Specialist

Responsibilities include supporting the design, development and implementation of Geographic Information System (GIS) solutions to provide decision support for a variety of water resources and environmental engineering projects, and for enterprise GIS implementations for CDM Smith clients. B.S. or higher degree in geography, geology, planning, computer science or a related scientific field with a strong emphasis in GIS.

Click [here](#) for more information.

Four Water Positions Open at Penn State

There are currently four water/hydrology oriented faculty positions open at Penn State, University Park Campus: Director of the Water Institute (click [here](#)), Assistant Professor/Hydrologist (click [here](#)), Water Resources Engineer (click [here](#)), and Stormwater Engineering Faculty (click [here](#)).

Two Water Positions Open at San Diego State

San Diego State University (SDSU) has embarked on an interdisciplinary area of excellence program to strengthen its water-focused initiative to include multiple disciplines across campus. As part of this effort, the university is hiring for two new positions: Assistant Professor of Environmental Engineering (click [here](#)) and Assistant/Associate Professor of Water Toxicology and Human Health (click [here](#)).

Ecosystem Services Technician

Ducks Unlimited is seeking a motivated individual to help forward their ecosystem service market programs in water, carbon, and mitigation. The selected applicant will review various corporate social responsibility plans and navigate corporate environmental disclosure forms and reports to weave a comprehensive summary of highly viable corporate partners interested in investing DU's ecosystem service market programs.

Click [here](#) for more information.

Water Resources Management Professor

The Kansas State University Biological and Agricultural Engineering (BAE) department is seeking applicants for a tenure-track or tenured faculty position in water resources management.

Click [here](#) for more information.

Student Jobs and Internships

The CSU Water Center maintains a job board of student positions located in Colorado. Many subject areas are featured through this service including: ecology, economics, engineering, fish and wildlife, natural resources, and the social and natural sciences.

Click [here](#) to explore the job board.

SCHOLARSHIPS

Big Thompson Water Forum - Dave Cole Environmental Scholarship

Application Deadline: September 30, 2015

The Big Thompson Watershed Forum will award this environmental scholarship to an undergraduate student attending Colorado State University or the University of Northern Colorado. The candidate must be a freshman, sophomore, junior or senior student in an approved academic program with a primary focus of study in hydrology, environmental health, biology or sociology, water resources, watershed science, water pollution, and/or water quality.

Click [here](#) for more information.

USCID/Summers Engineering Scholarship

Application Deadline: October 2, 2015

A \$1,000 scholarship is now being offered from the USCID/Summers Engineering Scholarship Fund. Only USCID Student Members are eligible to apply for the scholarship. The scholarship winner will also receive airfare to Albuquerque, NM, for USCID's November conference.

Click [here](#) for more information.

Environmental Division Scholarship and Veolia Water Technologies Scholarship

Application Deadline: October 15, 2015

The Environmental Division of the Society for Mining, Metallurgy and Exploration annually awards scholarships to promising college students who have chosen as a career path the field of mining and the environment. Applicants for the Environmental Division Scholarship may also be considered for a special scholarship funded by Veolia Water Technologies.

Click [here](#) for more information.

CASFM Scholarships

Application Deadline: October 16, 2015

The Colorado Association of Stormwater and Floodplain Managers has two scholarships available, one for graduate students in a field of study closely related to the goals of CASFM, and one for a student whose parent or legal guardian is a member of CASFM.

Click [here](#) for the Ben Urbonas (graduate) scholarship and [here](#) for the CASFM Family scholarship.

American Water Foundation Scholarships Available for USCID Conference

Conference Dates: November 17-20, 2015

The first six USCID student members who submit a brief abstract of a poster presentation for the Conference Poster Session on Thursday, November 19, will receive free conference registration, which includes all conference activities. Students may join USCID online. The first year of student membership is free.

Click [here](#) to join USCID. Click [here](#) for more about the conference.

MISCELLANEOUS

Mapping the 2013 Flood - Spatial Data Available

A team of CSU researchers has recently published an article on mapping the maximum extent of the 2013 floods across the plains of the Front Range. This data has now been made available to others working on research/planning related to the floods.

Click [here](#) for access to the article and data.

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