



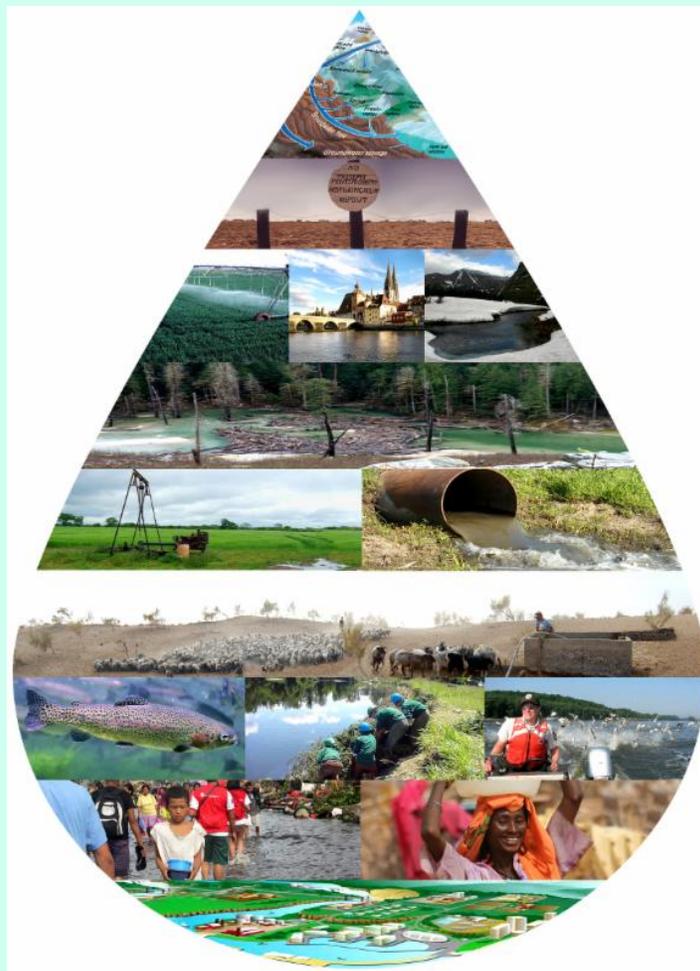
THE CURRENT

An eNewsletter of the CSU Water Center



FEATURE

Registration Open for Free Online Course



Registration is now open for CSU's free online course entitled "Water, Civilization, and Nature: Addressing Water Challenges of the 21st Century." Recent water issues, increasing populations worldwide, and variations in climate have impacted our water

supply, creating questions and issues we've never been challenged with before. This course offers an in-depth look at these issues.

The course begins February 16, 2015 and ends April 12, 2015.

Click [here](#) for more information and to register.

HIGHLIGHTS

Colorado Water Institute - Student Water Research Program

Application Deadline: December 19, 2014

This program is intended to encourage and support graduate and undergraduate student research in disciplines relevant to water resources issues and to assist Colorado institutions of higher education in developing student research expertise and capabilities. The program is open to students at any of Colorado's four-year public universities.

Click [here](#) for more information.

Spring 2015 Course - CIVE/GEOL 424 - "Modern Gas and Oil"

Course Description: Modern petroleum development is rapidly creating technical opportunities and environmental challenges that industry must learn to meet. This course is designed to provide students from across campus multi-disciplinary exposure to current technologies and environmental implications.

For more information, click [here](#).

Poudre River Forum

January 31, 2015 | 10:00 am-3:30 pm | The Ranch Events Complex | Loveland, CO

The Poudre River is life-blood for Northern Colorado communities. Bringing those communities together to celebrate the river, learn more about it, and explore its opportunities and challenges is the focus of the second annual Poudre River Forum. This year's theme is "One River, Many Voices."

Click [here](#) for more information and to register.

UPCOMING EVENTS

Thesis Defense - Ashley Menger, Master's candidate in Watershed Science

December 10, 2014 | 2:00 pm | Natural Resources Bldg, Rm 100

Ashley's thesis is entitled "Response of Streamflow and Stream Water Chemistry to Pine Beetle Induced Tree Mortality." All are welcome to attend her defense.

CFWE Water For Brewing Tour

December 12, 2014 | 9:00 am-5:00 pm | Great Divide Brewing Company | Denver, CO

This tour will reveal how select Colorado brewing companies use and treat water in their production process while shining a light on initiatives to promote efficiency and community engagement.

Click [here](#) for more information and to register.

Call for Abstracts - 2015 Student Water Conference (Oklahoma State University)

Abstract Submission Deadline: January 9, 2015 | Conference Dates: March 26-27, 2015

The conference will consist entirely of student presentations to be judged by a panel of faculty. Awards will be given for outstanding student presentations. Student activities will promote interaction among students of all disciplines.

For more information, click [here](#).

ASCE-EWRI Low Impact Development Conference 2015

Conference Dates: January 19-21, 2015 | Houston, TX

The LID Conference will highlight new and continuing work including research developments and community adoption of LID throughout the United States and internationally. In addition, this conference will focus on the application of LID technology in the Southwest region of the US and will also include a mini-symposium on arid region LID.

Click [here](#) for more information and to register.

Colorado Water Congress Annual Convention

January 28-30, 2015 | Denver, CO | Hyatt Denver Tech Center

Save the date for the 2015 Colorado Water Congress Annual Convention. With over 500 attendees, this is the largest water conference in Colorado and an excellent place to discuss the most pertinent water issues of the day.

For more information, click [here](#).

Water Tables 2015 - "Partnering the Waters"

January 29, 2015 | Denver, CO | Hyatt Denver Tech Center

This year's CSU Water Archives fundraising reception and dinner will be held in conjunction with the Colorado Water Congress Annual Convention.

Register [here](#).

Call for Abstracts - Western Snow Conference

Abstract Submission Deadline: January 31, 2015 | Conference Dates: April 20-23, 2015

The 2015 conference will have a general theme of hydrologic forecasting and water management under drought conditions. See website for list of suggested topics.

For conference information, click [here](#). To submit an abstract, click [here](#).

Call for Abstracts - DesalTech 2015

Abstract Submission Deadline: January 31, 2015 | Conference Dates: August 28-29, 2015

The call for abstracts is now open for this international conference on emerging water desalination technologies in municipal and industrial applications.

For more information, click [here](#).

Call for Abstracts - 2015 AWRA Summer Specialty Conference - Climate Change Adaptation

Abstract Submission Deadline: February 13, 2015 | Conference Dates: June 15-17, 2015

This conference will provide a critical path towards informing climate adaptation decisions on the ground. AWRA's Summer Specialty Conference will bring together experts from a wide range of fields to address the issues of adaptation planning under uncertainty.

Click [here](#) for more information.

Utility Management Conference

February 17-20, 2015 | Austin, TX

The goal of The Utility Management Conference is to provide attendees with essential information for responding to the most pressing management issues of the day, including addressing infrastructure replacement needs, managing rising costs, and sustaining a highly trained workforce.

For more information, click [here](#).

Fifth Interagency Conference on Research in the Watersheds - "Headwaters to Estuaries: Advances in Watershed Science and Management"

March 2-6, 2015 | Charleston, SC

The Fifth ICRW will take a national perspective on watershed science and management, highlighting the coastal landscape, which is represented by the location of the conference in the South Carolina lowcountry.

For more information, click [here](#).

National Groundwater Awareness Week

March 8-14, 2015

Groundwater is essential to the health and well-being of humanity and the environment. Whether you're on a public water system or a private well, whether you are a health care official, policymaker, regulator, an environmentalist or a groundwater professional, you can get involved in protecting this vital resource.

For more information, click [here](#).

AWWA Sustainable Water Management Conference

March 15-18, 2015 | Portland, OR

Conference presents solutions for balancing the benefits of conservation with the costs, managing water resources, sustainable utilities and infrastructure, urban planning and design, energy efficiency, water conservation, stormwater and reuse.

Click [here](#) for more information.

International Symposium on Waterborne Pathogens

April 13-14, 2015 | Savannah, GA

The sixth International Symposium on Waterborne Pathogens will provide a comprehensive forum for the exchange of up-to-the-minute information and cutting-edge ideas relating to the critical public health issue of water pathogens.

For more information and to register, click [here](#).

International Water Resources Association World Water Congress

May 25-29, 2015 | Edinburgh, Scotland

The theme for this conference is "Global Water, a resource for development: Opportunities, challenges and constraints."

Click [here](#) for more information.

3rd International Conference on Water and Society

July 15-17, 2015 | A Coruña, Spain

This meeting will encourage trans-disciplinary communication on issues related to the nature of water, and its use and exploitation by society. The conference is motivated by the need to bridge the gap between the broad spectrum of socio-political sciences and humanistic disciplines and specialists in physical sciences, biology, environmental sciences and health, among others.

Click [here](#) for more information.

GRANTS & FELLOWSHIPS

Small Grants Available for K-12 and Community Groups with Energy Development

Closing Date: December 15, 2014

The AirWaterGas Sustainability Research Network (SRN) at the University of Colorado Boulder (www.airwatergas.org) is pleased to announce a Request for Applications for K-12 and community-led projects that improve awareness of sustainable pathways for energy development.

For more information, click [here](#).

Environmental Justice Small Grants Program

Closing Date: December 15, 2014

The Environmental Justice Small Grants (EJSG) Program provides funding for eligible applicants for projects that address local environmental and public health issues within an affected community.

For more information, click [here](#).

12th Annual P3 Awards: A National Student Design Competition for Sustainability Focusing on People, Prosperity, and the Planet

Closing Date: December 16, 2014

The U.S. Environmental Protection Agency (EPA), as part of the P3-People, Prosperity and the Planet Award Program, is seeking applications proposing to research, develop, and design solutions to real world challenges involving the overall sustainability of human society.

Click [here](#) for more information.

Healthy Watersheds Consortium Grant Request for Proposals

Proposal Deadline: January 5, 2015

EPA is soliciting proposals for the management of the Healthy Watersheds Consortium Grant. The purpose of the grant is to accelerate and expand the strategic protection of healthy freshwater ecosystems and their watersheds across the country.

For more information, click [here](#).

Nonpoint Source Funding Cycle

Application Deadline: January 7, 2015

The NPS Program is looking for projects that will help achieve its two overarching objectives: restore waterbodies not meeting water quality standards by addressing nonpoint source water quality impacts; and protect existing water quality from future nonpoint source pollution.

Click [here](#) for more information.

EPA NCER Request For Applications - Water Quality Benefits

Closing Date: January 14, 2015

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications proposing research to advance knowledge of how changes in water quality, including incremental or step improvements, can be valued at appropriate spatial scales using advanced non-use valuation methods for the Nation's inland fresh water small streams, lakes and rivers, estuaries, coastal waters, and the Great Lakes.

For more information, click [here](#).

Donald M. Payne International Development Fellowship Program

Application Deadline: January 20, 2015

The USAID Donald M. Payne International Development Graduate Fellowship Program seeks to attract outstanding young people who are interested in pursuing careers in the Foreign Service of the U.S. Agency for International Development (USAID).

For more information, click [here](#).

Center for Collaborative Conservation 2015-2016 Fellowships

Application Deadline: January 31, 2015

This year there are two types of fellowships offered: Individual Fellowships and Team Fellowships. CCC welcomes applications from from individual CSU graduate students, CSU faculty and research scientists, and conservation practitioners, as well as teams made up of practitioners and CSU representatives.

Click [here](#) for more information.

Five Star & Urban Waters Restoration Program 2015 - RFP

Application Deadline: February 3, 2015

The Five Star & Urban Waters Restoration Grant Program seeks to develop community capacity to sustain local natural resources for future generations by providing modest financial assistance to diverse local partnerships for wetland, riparian, forest and coastal habitat restoration, urban wildlife conservation, stormwater management as well as outreach, education and stewardship. Projects should focus on water quality, watersheds and the habitats they support.

Click [here](#) for more information.

Water Resources Research National Competitive Grants Program

Closing Date: February 19, 2015

The U.S. Geological Survey in cooperation with the National Institutes for Water Resources requests proposals for matching grants to support research on the topic of improving and enhancing the nation's water supply, including evaluation of innovative approaches to water treatment, infrastructure design, retrofitting, maintenance, management, and replacement; exploration and advancement of our understanding of changes in the quantity and quality of water resources in response to a changing climate, population shifts, and land use changes; development of methods for better estimation of water supply, both surface and groundwater, including estimation of the physical supply and of the economic supply of water; development and evaluation of processes and governance mechanisms for integrated surface/ground water management; and the evaluation and assessment of conservation practices.

For more information, click [here](#).

EMPLOYMENT AND VOLUNTEER OPPORTUNITIES

Green Stormwater Infrastructure Pilot, Research, and Innovation Engineer

The successful candidate will work in the interdisciplinary Green Stormwater Infrastructure Pilot, Research, and Innovation Program and will manage and analyze large data sets on green

stormwater infrastructure performance, cost, and maintenance using a variety of tools.

For more information, click [here](#).

Drainage Engineer - HDR, Inc.

HDR currently has an opening for a Transportation Drainage Design Engineer in Denver, Colorado. The primary duties of the Drainage Engineer are to provide project engineering and task management with a focus on transportation projects and public transportation clients throughout the Rocky Mountain Region.

For more information, click [here](#).

Assistant Cooperative Extension Specialist - Water Resources & Climate Change Adaptation

Application Review Begins: December 12, 2014

The Department of Environmental Science, Policy, and Management at the University of California, Berkeley seeks an Assistant Cooperative Extension Specialist in Water Resources and Climate Change Adaptation. The specialist will help create a collaborative, multidisciplinary and multifaceted research and outreach program to address challenges surrounding societal versus ecological demands for freshwater, and advance interdisciplinary research and extension programs related to watershed science, water resource management, water policy, and climate science.

Click [here](#) for more information.

Assistant Professor of Groundwater Hydrology

Application Deadline: December 15, 2014

The University of Washington-Tacoma invites applications for a tenure-track Assistant Professor in Groundwater Hydrology in the Division of Science and Mathematics in the School of Interdisciplinary Arts & Sciences. The successful candidate will develop important and relevant sponsored research and innovative teaching that addresses rapidly changing environmental issues and search for theoretical and/or applied solutions to environmental problems.

For more information, click [here](#).

Assistant, Associate, or Full Professor of Water Resources and Hydrologic Engineering - Washington State University

Review of Applications begins: January 1, 2015

The successful candidate should strengthen existing ties and cultivate new collaborations between Civil and Environmental Engineering and other programs and centers, including the State of Washington Water Research Center and the Center for Environmental Research,

Education, and Outreach (CEREO). The candidate will also be expected to teach at both the undergraduate and graduate levels, and to enhance the curriculum in water resources and hydrologic engineering.

For more information, click [here](#).

Director, Auburn University Water Resources Center

Application Deadline: January 31, 2015

The successful candidate will serve as a representative of the center; secure and expand financial resources through a diversity of funding sources; enhance and expand the multi-disciplinary nature of WRC's research and education activities by increasing collaboration; administration of the USGS Water Resources Research Institute Program grant, including application for annual grant and the submission of required reports; supervision of staff; and interact with and serve as an interface with national and state leaders, as appropriate, in water resources issues and policies.

Click [here](#) for more information.

Civil/Hydraulic Engineer - Alden Research Laboratory

This engineering position requires an understanding of basic hydraulic concepts such as open channel flow and pressurized pipe flow. Engineering focus will be on hydroelectric project design, thermal power generation intake structures and fish passage.

For more information, click [here](#).

SCHOLARSHIPS

AWRA Rich Herbert Memorial Scholarship

Application Deadline: December 10, 2014

This scholarship is for students with involvement in research or independent study pertaining to hydrology, engineering, hydrogeology, geomorphology, aquatic biology, water law, water-resources policy or planning, environmental science or other topics concerning water resources in Colorado.

Click [here](#) for last year's application. (Note that the format will be the same but the deadline has changed.) More information will be available [here](#) soon.

Water, Society, and Health Research Experience for Undergraduates

Application Deadline: December 22, 2014

The Water and Health in Limpopo (WHIL) Program and the Center for Global Health at the University of Virginia and PureMadi are accepting applications for Summer 2015 for this NSF-funded Research Experiences for Undergraduates (REU). Students who participate in this program will conduct research over an 8-week period at the University of Venda and surrounding communities in Limpopo Province, South Africa.

Click [here](#) for more information.

2015-2017 Anthony A. Lapham River Conservation Fellowship

Application Deadline: January 5, 2015

The Fellowship gives talented post-graduates the opportunity to engage in relevant research and work in the field of river conservation and is flexible enough to be appropriate for recent MA/MS/PhD/JD/MBA recipients.

Click [here](#) for more information.

Abel Wolman Fellowship (AWWA)

Application Deadline: January 6, 2015

The Abel Wolman Fellowship is designed to support promising students in the U.S., Canada, and Mexico pursuing advanced training and research in the field of water supply and treatment.

Click [here](#) to download the application.

2015 AWWA Scholarships

Application Deadline: January 6, 2015

The American Water Works Association has many scholarships available for undergraduate and graduate students.

Click [here](#) to download the scholarship application. Click [here](#) for the scholarship webpage.

2015 Harlan Erker Memorial Scholarship - Colorado Groundwater Association

Application Deadline: May 15, 2015

The scholarship is open to graduate students and senior undergraduates (as of fall 2015) currently attending an accredited college or university in Colorado. Research topics must involve some aspect of ground water science or engineering.

Click [here](#) for more information.

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