

Issue XXXVI - December 8, 2015

FEATURE

Water Tables 2016 - "The Historic One Hundred"



January 28, 2016 | 5:00-9:30 pm | Hyatt Regency Denver Tech Center | Denver, CO

A fundraising dinner for the Water Resources Archive, Water Tables features hosted tables for an evening of conversation on specified topics. With the theme of "The Historic One Hundred," Water Tables 2016 celebrates the Water Resources Archive's milestone achievement of receiving 100 collections. The keynote speaker for the night will be Anne Castle, a senior fellow at the Getches-Wilkinson Center for Natural Resources, Energy, and the Environment at the University of Colorado.

This event is held in conjunction with the Colorado Water Congress Annual Convention.

Click [here](#) for more information. Click [here](#) to register. Early registration ends Dec. 13.

HIGHLIGHTS

FY16 Student Water Research Grant Program

Application Deadline: December 18, 2015


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. Proposals must have a faculty sponsor and students must be enrolled full-time in a degree program at one of Colorado's public 4-year universities.

Click [here](#) for more information.

Sustainable Water Interdisciplinary Minor (SWIM)

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

CFWE Webinar - "Agriculture and Water Scarcity: Managing Groundwater Declines"

December 10, 2015 | 9:00 - 10:00 am

This webinar will explore solutions to sustain groundwater aquifers that can support agriculture for the long term. Topics will include state administration, as well as locally guided efforts to address the legal threats of well shut-downs and physical limits of shrinking aquifers.

Click [here](#) to register. Click [here](#) to read the report.

Workshop - Writing/Designing NSF Proposals

December 14, 2015 | 8:30 am - 4:30 pm | University of Colorado Denver | Denver, CO

This workshop, hosted by the Grant Training Center, addresses essential NSF research resources as well as the conversion of ideas into fundable research.

Click [here](#) for more information.

Public Open House on Climate Action

December 14, 2015 | 5:30-7:30 pm | Galvanize, 242 Linden St.

Professors Diana Wall, Director of SoGES, and Brian Dunbar, executive director of the Institute for the Built Environment, will set the stage with brief remarks on sustainable cities followed by the open house featuring the City's Climate Action Plan initiatives and 2020 goals. Strategic areas to be discussed include energy efficiency and water and land use.

Click [here](#) for more information.

2015 Ag Water Summit - Colorado Ag Water Alliance

December 15, 2015 | The Ranch Events Complex | Loveland, CO

The theme of this summit is "We have the Colorado Water Plan... Now what is the future of Colorado agriculture?" Sessions will address topics such as the Water Plan, Use It or Lose It, California's Drought, and The Future of Ag Water.

Click [here](#) for more information.

CFWE 2016 Water Leaders Program

Application Deadline: January 15, 2016

CFWE's Water Leaders program offers the opportunity to develop your leadership potential. Since 2006, the program has provided training in conflict resolution, communication and management to participants across Colorado, helping them become more effective leaders. Program participants benefit from extensive self-assessment, executive coaching, networking opportunities and application of learning to water issues statewide. There will be a webinar on December 18 for potential candidates to ask questions about the program.

Click [here](#) for more information.

Small Acreage Stewardship Program

January 19 - March 15, 2016 | Larimer County Fairgrounds

This nine-week course will introduce the land management skills you need to be more productive and sustainable. Local experts will provide tips that will benefit your land, improve your soil function, and increase your yields.

Click [here](#) for more information.

Colorado Water Congress Annual Convention

January 27-29, 2016 | Hyatt Regency Denver Tech Center | Denver, CO

The Colorado Water Congress Annual Convention is the premier water industry event in the state, attracting 500+ attendees that convene for networking and collaboration on the important water issues of the day. CSU's Water Tables event is part of this convention and will take place on the evening of January 28.

Click [here](#) for more information about the convention.

25th Annual Governor's Forum on Colorado Agriculture

February 18, 2016 | Renaissance Hotel | Denver, CO

Governor John Hickenlooper and the Colorado Agricultural Leadership Program, in conjunction with the Colorado Department of Agriculture and Colorado State University are proud to present the 25th annual Governor's Forum on Colorado Agriculture. The forum will explore relevant industry issues and provide insight into potential outcomes and solutions to help ensure the future success of Colorado's agricultural industry.

Click [here](#) for more information.

NATIONAL AND INTERNATIONAL EVENTS

American Geophysical Union Fall Meeting

December 14-18, 2015 | San Francisco, CA

The AGU Fall Meeting's scientific program spans the Earth and space sciences, offering something for everyone no matter their scientific discipline. Colorado State University researchers are leading a session on "Water-Energy-Food Nexus: Implementations and Challenges in the Context of Global Change."

Click [here](#) for more information.

NGWA 2015 Groundwater Expo

December 15-17, 2015 | Las Vegas, NV

This conference will allow you to explore the newest in products and services from hundreds of exhibitors, as well as participate in education and networking opportunities. This year's theme is "The Intersection of Today and Tomorrow."

Click [here](#) for more information.

Call for Presentations - Soil and Water Conservation Society Annual Conference

Submission Deadline: January 7, 2016 | Conference Dates: July 24-27, 2016

The 71st SWCS International Annual Conference will provide a forum for exploring and promoting science-based knowledge about management practices that protect land and river ecologies and make them productive and more resilient. The theme is "Managing Great River Landscapes."

Click [here](#) for more information.

Call for Abstracts - Data Flow Conference

Submission Deadline: January 15, 2016 | Conference Dates: May 9-10, 2016

Data Flow: Grand Challenges in Water Systems Modeling, Data Management, and Integration will be held in Baton Rouge, Louisiana. The focus will be on innovative uses of large data sets to better understand water issues. The conference will include keynote speakers highlighting the focal areas, individual presentations, panels, roundtables, and a poster session.

Click [here](#) for more information.

International Symposium on Potable Reuse

January 25-27, 2016 | Long Beach, CA

Covering the latest innovations in treatment and monitoring technology, the new International Symposium on Potable Reuse will attract water industry professionals from around the world, creating an environment that will integrate, shape, and advance the global discourse on direct

and indirect potable reuse. This event is being held in conjunction with the International Symposium on Biological Treatment.

Click [here](#) for more information.

International Symposium on Biological Treatment

January 27-28, 2016 | Long Beach, CA

The 2nd Biological Treatment Symposium will explore the latest developments in biotreatment technology, operations, and monitoring strategies. Researchers, practitioners, and utilities will be able to engage in discussions and interact with leading experts to learn the benefits of engineered and passive biological systems. This event will be held in conjunction with the International Symposium on Potable Reuse.

Click [here](#) for more information.

Call for Abstracts - Water Infrastructure Conference

Submission Deadline: February 4, 2016 | Conference Dates: October 30-November 2, 2016

AWWA's newest conference is focused on addressing and protecting our asset and infrastructure challenges. With workshops and five session tracks, this four-day conference and exposition will address water infrastructure planning and reinvestment strategies, critical infrastructure protection through comprehensive emergency preparedness efforts, and enhanced security measures.

Click [here](#) for more information.

GRANTS AND FELLOWSHIPS

WaterSMART: Water and Efficiency Grants

Application Deadline: January 20, 2016

The objective of this grant is to invite States, Indian tribes, irrigation districts, water districts, and other organizations with water or power delivery authority to leverage their money and resources by cost sharing with the Bureau of Reclamation on projects that seek to conserve and use water more efficiently, increase the use of renewable energy and improve energy efficiency, benefit endangered and threatened species, facilitate water markets, or carry out other activities to address climate-related impacts on water or prevent any water-related crisis or conflict.

Click [here](#) for more information.

Center for Collaborative Conservation Fellowship Program

Application Deadline: January 27, 2016

There will be two types of fellowships this year: the Individual fellowship and the Team fellowship. Each of these has its own Request for Proposals. CCC welcomes applications from individual CSU graduate students, CSU faculty and research scientists, and non-CSU conservation practitioners, as well as teams made up of practitioners and CSU representatives.

Click [here](#) for more information.

NSF Research Experience for Undergraduates - Stream Restoration

Application Deadline: February 15, 2016

The Oklahoma Water Resources Center hosts an NSF-REU in Stillwater, Oklahoma on stream restoration/rehabilitation. The REU pays for student housing, meals, research supplies, travel to a future conference, and also provides a stipend during the 10-week summer program.

Click [here](#) for more information.

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

Restoration Leadership Intern

Wildlands Restoration Volunteers is seeking Leadership Restoration Interns interested in taking on leadership roles for the volunteer project season.

Click [here](#) for more information.

Environmental Nonprofit Graduate Internships and Volunteer Positions

The Institute for Environmental Solutions (IES) is seeking motivated volunteers and graduate interns passionate about protecting the environment to join one of two projects, the Tree Project or the Chemical Footprint Project.

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

American Water Works Association - Various Scholarships

Application Deadline: January 11, 2016

AWWA has many scholarships available for graduate and undergraduate students for the upcoming school year.

Click [here](#) for more information.

Len Assante Scholarship

Application Deadline: January 15, 2016

This scholarship, awarded by the National Ground Water Association, offers support to an undergraduate student in a groundwater-related field.

Click [here](#) for more information.

North American Weather Modification Council Scholarship

Application Deadline: February 22, 2016

Students interested in the field of weather modification and studying science or engineering at an accredited institution are eligible to apply for this scholarship.

Click [here](#) for more information.

Melville H. Cohee Student Leader Conservation Scholarship

Application Deadline: February 29, 2016

This scholarship honors student members of the Soil and Water Conservation Society who succeed as leaders in their studies, volunteerism, and work.

Click [here](#) for more information.

MISCELLANEOUS

[Innovative Flood Recovery Project Helps Irrigators and Fish](#)

In a project completed in October 2015, local irrigation companies combined and re-engineered their irrigation diversion structures to allow fish passage in a portion of South Saint Vrain Creek near Lyons.

Click [here](#) to read more about this project.

[Marine Ecotourism Summer Study Abroad Course](#)

Application Deadline: February 15, 2016 (rolling admissions)

While living aboard a 57-foot Sailing Vessel you will explore key issues in the sustainable development of marine ecotourism in the Abaco Islands near Marsh Harbor, Bahamas. Learn about coral reef ecology and local Bahamian cultures and their interactions with the sea, nature conservation and tourism development.

Click [here](#) for more information.

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