



THE CURRENT

An eNewsletter of the CSU Water Center



FEATURE

For the Love of Rivers Book Signing Event

Please join us as Kurt Fausch, professor in the Department of Fish, Wildlife, and Conservation Biology, presents his book, *For the Love of Rivers*.

WARNER COLLEGE OF NATURAL RESOURCES DEPARTMENT OF FISH, WILDLIFE & CONSERVATION BIOLOGY
& THE CSU WATER CENTER PRESENT:

KURT FAUSCH

Author of *For the Love of Rivers*

Wed. April 1, 2015
4:00 – 5:30 p.m.

School of Global Environmental Sustainability
Johnson Hall Room 108

FREE & open to the public
Book signing following presentation

Colorado State University logo, CSU Water Center logo, Warner College of Natural Resources logo, Department of Fish, Wildlife and Conservation Biology logo.

Background Photo: David Hierasimtschuk

To read more about the book and watch the video trailer, click [here](#).

To download the event poster, click [here](#).

HIGHLIGHTS

Spring Water Seminar

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

In spring 2015 our interdisciplinary water resources seminar will feature presentations on faculty projects funded by the CSU Water Center.

Click [here](#) for the complete schedule.

Daniel Beard Guest Lecture and Book Signing

March 24, 2015 | 6:00 pm Book Signing | 6:30 pm Presentation | LSC Theater

Daniel Beard, former commissioner of the Bureau of Reclamation, will discuss his book "Deadbeat Dams: Why We Should Abolish the U.S. Bureau of Reclamation and Tear Down Glen Canyon Dam." This event is being held in conjunction with Hydrology Days (March 23-25 at CSU).

To download the Dan Beard event poster, click [here](#).
For more information about Hydrology Days, click [here](#).

HACH Walk for Water

May 2, 2015 | Loveland, CO

This walk will simulate the trek millions of people face each day as they walk miles to access a water source. This is a family-friendly event, opened to anyone who wants to be a part of it! All funds raised will support a safe water community development project through Water Missions.

Click [here](#) to register, donate, and find out more.

Graduate Research Assistantship

There is a graduate research assistantship available for a PhD-level student in Fall 2015. Research will encompass hydrology, geospatial analysis and hydrologic modeling as part of an NSF-funded project on hydrologic change in mountain regions.

For more information, please contact [Stephanie Kampf](#).

UPCOMING EVENTS

Call for Abstracts - American Fisheries Society 145th Annual Meeting

Abstract Submission Deadline: March 13, 2015 | Meeting Dates: August 16-20, 2015

This conference will feature the latest scientific knowledge, management applications, policy implications, and educational pursuits related to freshwater and marine resources.

Click [here](#) for more information.

Presenters/Exhibitors Needed - Children's Water Festival

Sign-up deadline: March 13, 2015 | Festival Date: May 20, 2015 | FRCC | Fort Collins

Festival organizers are seeking students, faculty, or other professionals who would be interested in developing an interactive 20 minute presentation on how water intersects with the lives of kids in

Fort Collins. This year the theme is Global Water, so they are especially interested in presentations that connect our local water resources to a larger global perspective.

Please contact [Alyssa Stephens](#) if interested.

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.

12th Annual RMSAWWA/RMWEA Student Conference

Abstract Submission Deadline: March 16, 2015 | Conference Date: May 21, 2015

The Rocky Mountain Section American Water Works Association (RMSAWWA) and Rocky Mountain Water Environment Association (RMWEA) annual student conference allows undergraduate and graduate students the opportunity to present their research to students, faculty, engineers, consulting firms and utility companies from Colorado, New Mexico and Wyoming.

All undergraduate and graduate students (M.S. and Ph.D.) involved in water-related research are encouraged to submit an abstract!

Click [here](#) for more information and to download the call for abstracts.

NGWA Groundwater Summit

March 16-18, 2015 | San Antonio, TX

Groundwater is a resource to be protected. It ignores political boundaries, transports contaminants, floods mine and construction sites, spins communities into an uproar, and can't be found when you need it. Model, explore, characterize, bank, inject, extract, treat, and predict all your subsurface needs with everything groundwater at the 2015 NGWA Groundwater Summit.

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

Small Hydro Training for Aq Agents

March 17-19 (Glenwood Springs) | March 24-26 (Durango)

The Colorado Department of Agriculture has received a large grant to conduct feasibility assessments and provide funding for small hydropower systems for center pivot irrigators in the state. Funding is also available for conversion of flood irrigation to pivot sprinklers.

For more information, contact [Cary Weiner](#).

Nebraska Water and Water Law Conferences

March 19-20, 2015 | Lincoln, NE

The theme for the Nebraska Water Conference is "High Plains Aquifer: Sustainability for Food Production and Water Supply."

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

Call for Abstracts - 9th Annual Grand Junction Water and Wastewater Conference

Submission Deadline: March 20, 2015 | Conference Dates: August 13-14, 2015

This technically intensive conference has a highly successful history of providing significant opportunities to learn about new technologies, various approaches to problem solving and successfully completed projects.

Click [here](#) for more information.

Division 1 Irrigationists Training and Symposium

March 25-26, 2015 | Fort Collins, CO and Loveland, CO

Join other water professionals for valuable educational sessions, training opportunities, touring facilities, networking opportunities & vendor exhibits. All water professionals are invited, especially ditch riders, irrigation superintendents, water system owners & operators in Northern Colorado.

Click [here](#) for more information.

7th World Water Forum

April 12-17, 2015 | Daegu & Gyeongbuk, Korea

The World Water Forum is a unique multistakeholder platform where the water community and the policy and decision makers from all regions of the world can work together to find joint solutions. It is the largest international event which seeks to advance the cause of water.

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

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](#).

Spatial Statistical Stream Network Models Training Workshop

April 20-22, 2015 | Boise, ID

A new class of spatial statistical network model (SSNM) for data on stream networks has recently been developed and free software is available for implementing the models. This 3-day workshop will consist of a 1-day short-course & 2 days of working with course instructors to apply SSNMs to participants' datasets.

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

Call for Abstracts - 2015 Water and Health Conference (UNC)

Submission Deadline: April 24, 2015 | Conference Dates: October 26-30, 2015

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.

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

Society for Freshwater Science Annual Meeting

May 17-21, 2015 | Milwaukee, WI

As one of the world's leading groups of freshwater scientists, the Society for Freshwater Science has chosen "Our Freshwater Futures" as the theme for its 2015 annual meeting in Milwaukee.

Plenary sessions will feature leading freshwater scientists giving their insights into the problems that freshwater ecosystems and human societies are facing, and every special session will include a talk that envisions future directions for the field covered by the special session.

Click [here](#) for more information.

World Environmental & Water Resources Conference

May 17-21, 2015 | Austin, TX

The theme of this year's conference is "Floods, Droughts, and Ecosystems: Managing our Resources Despite Growing Demands and Diminishing Funds."

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

Water Microbiology Conference

May 18-22, 2015 | University of North Carolina

The Water Microbiology Conference 2015 creates a forum for researchers and practitioners focused on microbiology and public health issues to come together around the intersection of the two.

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

Volunteers Needed - Denver Metro Water Festival

May 19, 2015 | Metro State University of Denver

The water festival is designed to provide balanced water-related education to sixth graders in Denver Water's extended service area. Volunteers are needed for a variety of positions, such as festival guides, registration attendants and activity aides, to support this exciting event.

Click [here](#) to see available positions.

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.

Poudre RiverFest

May 30, 2015 | 9:00 am - 6:00 pm | Legacy Park | Fort Collins, CO

Poudre RiverFest is a free, family-friendly festival that restores, celebrates and educates people about the Cache la Poudre River. Proceeds from the festival support local conservation and education nonprofit groups in Fort Collins, Colorado.

Click [here](#) for more information.

ACE15 - AWWA Annual Conference and Exposition

June 7-10, 2015 | Anaheim, CA

As ACE15 heads to the West Coast, the professional program will focus on major water sector issues like infrastructure renewal and replacement, potable reuse applications, and drought response.

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

2015 Martz Summer Conference - "Innovations in Managing Western Water: New Approaches for Balancing Environmental, Social, and Economic Outcomes"

June 11-12, 2015 | Wolf Law Building, Wittemyer Courtroom | Boulder, CO

In recent years, a variety of forums, processes, and tools have emerged to better manage the connections between regions, sectors, and publics linked by shared water systems. This event explores the cutting-edge efforts, the latest points of contention, and the opportunities for future progress.

Click [here](#) for more information.

Short course - River Restoration: Fluvial-Geomorphic and Ecological Tools

June 15-19, 2015 | Provence, France

This shortcourse/workshop emphasizes understanding geomorphic process as a sound basis for planning and designing river restoration projects and programs, with specific applications and field visits to Mediterranean and mountain environments.

Click [here](#) for more information.

Summer Course - Environmental Management in a Changing World: Coping with Sea Level Rise

Course Dates: July 13-25, 2015 | Venice, Italy

This summer course, a joint program between Duke University and Venice International University, provides training in key topics about the impact of sea level rise on coastal areas and cities, and about adaptation and mitigation strategies. The program is open to undergraduates and graduate students.

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

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.

Soil and Water Conservation Society International Annual Conference

July 26-29, 2015 | Greensboro, NC

The 70th Annual Soil and Water Conservation Society (SWCS) Conference will provide a forum to celebrate past conservation accomplishments as well as share and promote science-based knowledge on critical, current issues facing soil, water, and environmental sustainability.

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

Short course - Sediment Transport in Stream Assessment and Design

July 27-31, 2015 | Logan, UT

This course emphasizes applications of the principles of sediment transport to alluvial channel assessment and design. Principles of open channel flow and sediment transport are combined with watershed-scale, hydrologic and sediment source analysis to place channel assessment and design in the appropriate context.

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

EWRI Watershed Management Symposium

August 5-7, 2015 | Reston, VA

The EWRI Watershed Management Symposium 2015 is a unique opportunity to bring together engineers, hydrologists, soil scientists, foresters, environmentalists and a variety of other disciplines for quality technical presentations and great networking.

Click [here](#) for more information.

Short course - Geomorphic and Ecological Fundamentals for River and Stream Restoration

August 17-21, 2015 | Truckee, CA

This five-day introductory course emphasizes understanding geomorphic and ecological process as a sound basis for planning and designing river restoration, covering general principles and case studies from a wide range of environments.

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.

Click [here](#) for more information.

GRANTS & FELLOWSHIPS

NSF REU - Interdisciplinary Water Sciences and Engineering

Application Deadline: March 13, 2015

Applications are invited from qualified and motivated undergraduate students (rising sophomores, juniors and seniors) from all U.S. colleges/universities to participate in a 10-week summer research in interdisciplinary water sciences and engineering at Virginia Tech.

Click [here](#) for project descriptions. Click [here](#) to apply.

Postdoctoral Research Funding

Application Deadline: April 1, 2015

The International Institute for Applied Systems Analysis provides full funding for several postdoctoral researchers in topics including energy, ecosystem services, and water.

Click [here](#) for more information.

Developing Exposure and Toxicity Data for Priority Trace Organics in Biosolids

Application Deadline: April 30, 2015

The Water Environment Research Foundation (WERF) is seeking proposals to develop needed exposure and hazard data (i.e., human health toxicity and ecotoxicity) for three (3) higher priority trace organics: polybrominated diphenyl ethers (PDBEs), Azithromycin, and Ciprofloxacin.

Click [here](#) for more information.

Agriculture and Food Research Initiative - Food Security

Closing Date: June 4, 2015

Applications are sought to support agricultural production research, education, and extension to develop more sustainable, productive, and economically viable plant and animal production systems. Proposed projects should focus on improving food systems through research on developing sustainable crop, livestock, or integrated crop and livestock systems; develop regionally adapted crop cultivars and livestock/breeds that contribute to rural economic development and prosperity while enhancing food security and a meta-analysis to result in a national strategy for sustainable crop and livestock production.

Click [here](#) for more information.

South Sudan Livelihoods

Closing Date: June 9, 2015

This program is to support USAID goals of improving livelihoods while promoting recovery with resilience in the most heavily conflict affected areas of South Sudan. Proposed interventions must address the following sub-objectives: Infrastructure, Agriculture, Livestock and Fisheries, Economic Opportunity and Water Sanitation and Hygiene.

Click [here](#) for more information.

EMPLOYMENT OPPORTUNITIES

Lefthand Watershed Coalition Coordinator

This is an exciting opportunity to work with a dynamic Board of Directors, diverse group of stakeholders, and watershed professionals with a combined vision of restoring and enhancing the Left Hand Creek watershed to a more resilient condition following the devastating flood of September, 2013. Position open until filled.

Click [here](#) for more information.

Civil Engineer - Hydraulics

Closing Date: March 24, 2015

The Army Corps of Engineers has an open hydraulics position in Omaha, NE. The position accepts recent graduates and current students who will graduate by December 2015.

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

Assistant Professor of Water Policy - University of Montana

The ideal candidate will have expertise in Western American water policy and the ability to integrate and apply this expertise to a range of contemporary real-world challenges in environmental management and governance.

Click [here](#) for more information.

Middle Colorado Watershed Council - Watershed Specialist

The Watershed Specialist will focus on two projects: 1) assistance with development and execution of a Public Outreach and Communications Plan, and 2) completion of a Watershed Assessment for the Rifle Creek subwatershed. Position open until filled.

Click [here](#) for more information.

SCHOLARSHIPS

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.

Rocky Mountain Water Quality Analysts Association Annual Scholarship

Application Deadline: July 31, 2015

This annual scholarship was created by the RMWQAA board members in 2008 to encourage and assist students who wish to pursue higher education in the water environment field .

Click [here](#) for more information.

MISCELLANEOUS

[Celebrate Undergraduate Research and Creativity \(CURC\) Showcase](#)

Registration Deadline: March 24, 2015 | Showcase Date: April 22, 2015

Eligible entries include research, creative design or service-learning poster presentations, creative or non-fiction writing including poetry, oral presentations, and art exhibitions.

Click [here](#) for more information.

[Free Online Course - Water in the Western United States](#)

Course Dates: April 1, 2015 - April 30, 2015

This course combines an overview of the science behind water and climate in the Western United States with a survey of the major legal, political, and cultural issues focused on this precious resource.

Click [here](#) to sign up.

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