

Issue LV - March 21, 2017

THE CURRENT

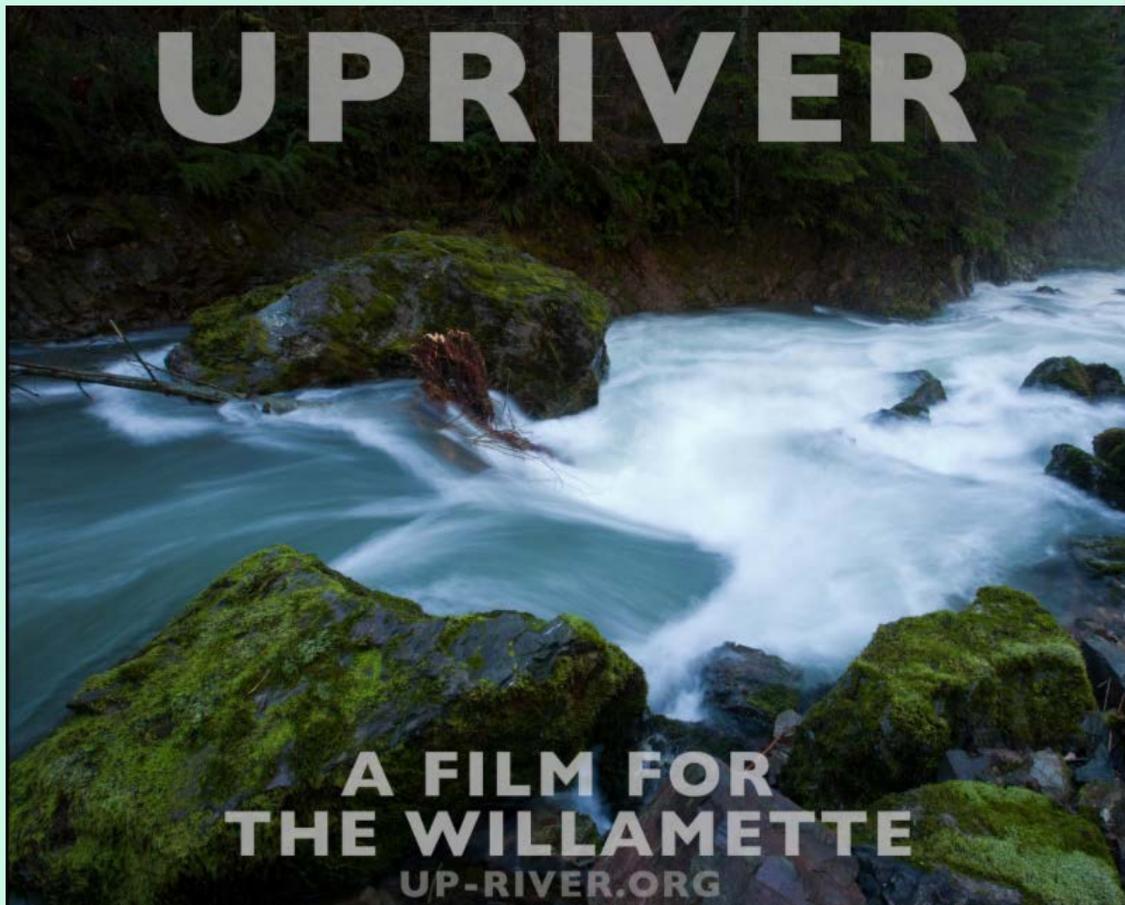
AN ENEWSLETTER OF THE CSU WATER CENTER

Colorado State University



FEATURE

Film Premiere: "UPRIVER"



April 6, 2017 | Intro by Filmmaker 4:15 pm | Screening 4:30 pm | Clark A202

UPRIVER is a watershed film that explores one of the Nation's most active river conservation movements. Within Oregon's Willamette River system, the film focuses on people from all walks of life who are coming together to revive the health of this large river and the life it supports.

This event is co-sponsored by the CSU Water Center, the Graduate Degree Program in Ecology, and the Department of Fish, Wildlife, and Conservation Biology in conjunction with Dr. Kurt Fausch.

Click [here](#) for more information about the film. Click [here](#) for the event poster.

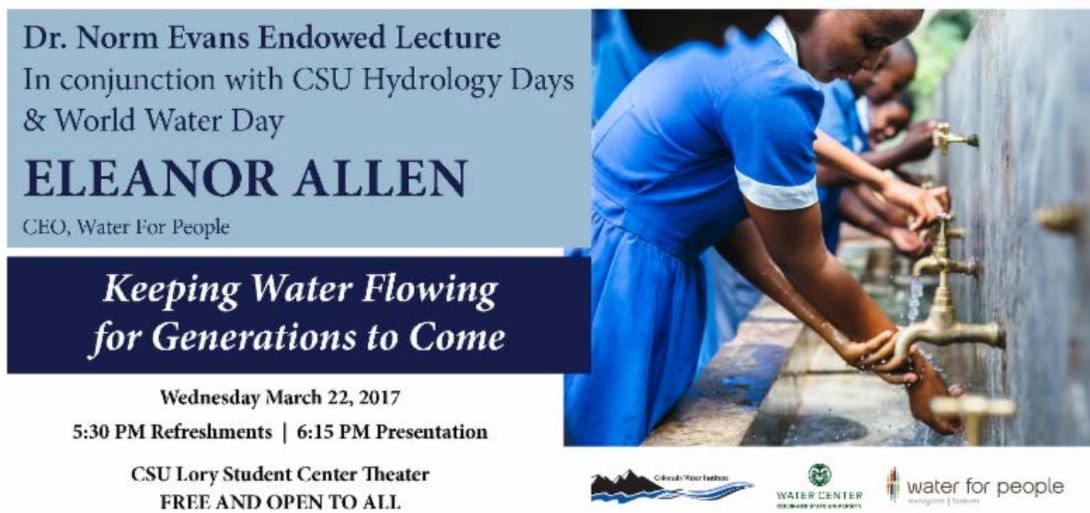
HIGHLIGHTS

Tomorrow! - Dr. Norm Evans Endowed Lecture: Eleanor Allen, CEO of Water for People

March 22, 2017 | Refreshments: 5:30 pm | Presentation 6:15 pm | LSC Theater

In honor of World Water Day, the CSU Water Center will be hosting Eleanor Allen, CEO of Water for People, to speak on "Keeping Water Flowing for Generations to Come." The talk will cover water issues from a global perspective and how they link to local issues in Colorado.

Click [here](#) for the event poster.



Dr. Norm Evans Endowed Lecture
In conjunction with CSU Hydrology Days
& World Water Day

ELEANOR ALLEN
CEO, Water For People

*Keeping Water Flowing
for Generations to Come*

Wednesday March 22, 2017
5:30 PM Refreshments | 6:15 PM Presentation

CSU Lory Student Center Theater
FREE AND OPEN TO ALL

Colorado Water Institute | WATER CENTER | COLORADO STATE UNIVERSITY | water for people

Today! - Symposium on the U.S.-Mexico Salinity Crisis, 1961-1973

March 21, 2017 | 1:00 - 6:15 pm | Lory Student Center Room 376-378

The dispute over the salinity of the Colorado River between 1961 and 1973 remains the most significant water controversy between Mexico and the United States since the landmark 1944 Water Treaty was ratified in 1945. The salinity settlement in 1973, Minute 242 of the International Boundary and Water Commission, by which the United States agreed to sustain water quality parity at the boundary, not only consolidated binational commitment to the 1944 Water Treaty but led directly to the 1974 Salinity Control Act and comprehensive measures of salinity control throughout the U.S. portion of the Colorado River Basin. This symposium explores the diplomatic history, impact, and contemporary significance of this extraordinary agreement shaping binational cooperation and operations on the Colorado River.

Click [here](#) for more information.

LOCAL AND REGIONAL EVENTS

Hydrology Days 2017

March 20-22, 2017 | Colorado State University

This year marks the 37th Annual American Geophysical Union Hydrology Days. Hydrology Days has been held on the CSU campus since 1981 and brings together scientists, professionals, and students involved in basic and applied research on all aspects of water to share ideas, problems, and solutions.

Click [here](#) for more information about Hydrology Days.

Yampa/White Basin Ag Producers' Water Future Workshop

March 22, 2017 | 12:00 - 4:00 pm | Steamboat Springs, CO

The Colorado Water Plan encourages the use of "alternative transfer methods" to keep water in agriculture while addressing the anticipated gap in future water supply given projected population growth. Irrigators will hear about opportunities for cost sharing of efficiency improvements, water leasing programs, and concerns about "use it or lose it" at this workshop hosted by the Community Agricultural Alliance and the Colorado Ag Water Alliance.

Click [here](#) for more information.

2017 Rain Barrel Workshop - Connecting Colorado to Water

March 24, 2017 | 4:00-7:00 pm | Denver, CO

The Colorado Foundation for Water Education is partnering with River Network, MillerCoors, and Blue Moon Brewing Company to host a Rain Barrel Workshop where participants will actually build their own rain barrel and get to take it home with them!

Click [here](#) for more information.

Call for Abstracts - 2017 RMSAWW/RMWEA Joint Annual Conference

Submission Deadline: March 31, 2017 | Conference Dates: September 11-13, 2017

We are especially interested in abstracts that address treatment, collection & distribution, water reuse, managing water resources, energy management, watershed management, laboratory, stormwater, small systems, alternative delivery, instrumentation/controls, environmental challenges, conservation, regulations, water quality, administrative/managerial challenges, construction, and operations.

Click [here](#) for more information.

Call for Abstracts: Operation & Maintenance of Stormwater Control Measures

Submission Deadline: April 6, 2017 | Conference Dates: November 6-9, 2017

This conference addresses the growing need for state and municipal staff, regulators, consultants, and more, to share successes and lessons learned around stormwater operation and maintenance.

Click [here](#) for more information.

Dr. Kurt Fausch Retirement Celebration

April 7, 2017 | Lory Student Center

Please join a celebration at the CSU Lory Student Center to commemorate Dr. Kurt Fausch's 35 years of teaching, research, and service! Festivities will include a symposium, a seminar by Dr. Fausch, and dinner. RSVP to Kevin Bestgen at kbestgen@colostate.edu.

Click [here](#) for the event flyer.

Call for Papers: 2017 Sustaining Colorado Watersheds Conference

Submission Deadline: April 10, 2017 | Conference Deadlines: October 10-12, 2017

This event expands cooperation and collaboration throughout our state for natural resource conservation, protection, and enhancement by informing citizen groups, agencies, consultants, and legislators about current issues and through networking opportunities. In 2017, the conference will focus on "Coming Together - the Confluence of Science and Society."

Click [here](#) for more information.

Student Water Resources Networking Night

April 13, 2017 | 5:30 pm | Blake Street Tavern | Denver, CO

Have you ever wondered what career opportunities are available in water resources? Join AWRA Colorado and Metro State University's One World One Water Center for an evening at Blake Street Tavern in downtown Denver to network and ask questions from a panel of professionals in the field of water resources. Space is limited, so register by March 30.

Click [here](#) for more information.

Permanent Stormwater BMP Inspection and Maintenance Workshop

April 19-20, 2017 (Lakewood, CO) | June 6-7, 2017 (Erie, CO)

This workshop is designed to educate participants about the importance of proper permanent (water quality) BMP inspection and maintenance, appropriate methods for ensuring BMPs remain in compliance with stormwater regulations and corrective actions when BMPs are found to be in violation. This Colorado-specific training gives participants all the necessary skills to properly inspect and maintain permanent stormwater BMPs.

Click [here](#) for more information.

Environmental Justice in the Anthropocene Symposium

April 24-25, 2017 | Lory Student Center

This symposium aims to bring together academics (faculty and graduate students), independent researchers, community and movement activists, and regulatory and policy practitioners from across disciplines, research areas, perspectives, and different countries. Our overarching goal is to build on several decades of EJ research and practice to address the seemingly intractable environmental and ecological problems of this unfolding era. How can we explore EJ amongst humans and between nature and humans, within and across generations, in an age when humans dominate the landscape? How can we better understand collective human dominance without obscuring continuing power differentials and inequities within and between human societies? What institutional and governance innovations can we adopt to address existing challenges and to promote just transitions and futures?

Click [here](#) for more information.

NATIONAL AND INTERNATIONAL EVENTS

Water for Food Global Conference

April 10-12, 2017 | Lincoln, NE

This three-day event will bring together experts from around the world to discuss "Water for Food Security: From Local Lessons to Global Impacts," addressing the common aspects of this global challenge in different contexts and scales. Together with our partners in academia, non-profit organizations, government agencies and private industry, we'll share best practices, innovations and lessons learned that can help improve water and food productivity.

Click [here](#) for more information.

Call for Abstracts - 2017 AWRA International Conference

Submission Deadline: April 17, 2017 | Conference Dates: September 10-11, 2017

The focus of this two-day conference, being held at Tel Aviv University, is to present scientific results and to demonstrate real-world experiences on innovative research about and workable solutions to various global water problems. Both local and international participants will benefit from this conference's dialogue on developing ways to address and avoid water crises due to an imbalance between water supply and demand, changing climate, population growth, urbanization, water scarcity, and water quality problems.

Click [here](#) for more information.

Call for Abstracts - 4th International Conference on Water and Society

Conference Dates: June 5-7, 2017 | Seville, 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 social political sciences and humanistic disciplines and specialists in physical sciences, biology, environmental sciences and health, among others.

Click [here](#) for more information.

GRANTS AND FELLOWSHIPS

USAID - India Partnerships Program

Closing Date: March 31, 2017

The India Partnerships Program supports testing, adoption and scaling of creative or innovative solutions to meet development challenges in the areas of health, food security, clean energy, gender equality, female empowerment, maternal and child health, prevention and treatment of infectious diseases, affordable health care, water and

sanitation access, early grade reading, promotion of clean and renewable energy, forestry, food security, triangular cooperation, gender and financial inclusion.

Click [here](#) for more information.

RFP - Warner College of Natural Resources McIntire-Stennis Program

Closing Date: April 14, 2017

Research conducted under McIntire-Stennis is intended to assist states in carrying out a program

of forestry research targeting critical areas of forestry research, including:

- 1) Ecological restoration;
- 2) Catastrophe management;
- 3) Valuing and trading ecological services;
- 4) Energy conservation, biomass energy and bio-based materials development;
- 5) Forest fragmentation;
- 6) Carbon sequestration and climate change; and
- 7) Ways of fostering healthy forests and a globally competitive forest resources sector.

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.

Colorado Watershed Assembly List of Funding Opportunities

The Colorado Watershed Assembly maintains a list of governmental and non-government funding sources for restoration projects and organizational capacity building.

Click [here](#) for more information.

EMPLOYMENT OPPORTUNITIES

Civil/Water Resources Engineering Intern - Wenck Associates

Wenck Associates has an opening for a summer intern in our Fort Collins, CO, office. Our areas of expertise include geology, groundwater development, surface water, river restoration, agricultural engineering, civil water and wastewater design, and mine planning, permitting, and reclamation. The successful candidate will be part of the Water Services Group supporting these areas of expertise. The job duties may include data analysis, preparing technical memorandums, providing input on design projects, QA/QC testing, communication with contractors and clients, and various field work (logging of well drilling, mine reclamation, construction observations, water sampling, flow measurements, site assessments, etc.). See www.wenck.com and www.lidstone.com for more company information.

Click [here](#) for the complete job posting.

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

Association of State Dam Safety Officials Scholarship

Application Deadline: March 31, 2017

Successful recipients must be U.S. citizens and enrolled full-time at the senior level (during the 2017/2018 school year) in an accredited civil engineering program, and must demonstrate an interest in pursuing a career in hydraulics, hydrology or geotechnical disciplines, or in another discipline related to the design, construction and operation of dams.

Click [here](#) for more information.

Soil and Water Conservation Scholarship

Final Application Deadline: April 12, 2017 (see website for nomination deadlines)

This Soil and Water Conservation Scholarship is meant to encourage current students to consider a career in soil and water conservation. The scholarship is sponsored by the Soil Science Society of America.

Click [here](#) for more information.

AWRA Richard A. Herbert Memorial Scholarship

Application Deadline: April 22, 2017

Each applicant must be a national AWRA member. At least one \$2,000 scholarship will be awarded to a full-time undergraduate student working toward his/her first undergraduate degree and who is enrolled in a program related to water resources for the 2017-2018 academic year. At least one \$2,000 scholarship will also be awarded to a full-time graduate student enrolled in a program relating to water resources for the 2017-2018 academic year.

Click [here](#) for more information.

2017 Special District Association Scholarship

Application Deadline: April 28, 2017

To be eligible for the SDA Scholarship, the applicant must be a current resident of Colorado, express an interest in the water industry (Water and Sanitation Services, Water Quality Management, etc.) and be pursuing or planning to pursue for example, a certificate, license preparation courses, license upgrade, continuing education courses, an Associate's Degree or a Bachelor's degree.

Click [here](#) for more information.

Upper Yampa Water Conservancy District John Fetcher Scholarship

Application Deadline: May 15, 2017

The scholarship provides financial assistance to a committed and talented student who is pursuing a water-related career in any major at a public university within the state of Colorado. Preference will be given to students who are residents or former residents of Northwest Colorado, desire a career related to water resources, or have shown academic interest in the Yampa River or Colorado River Basin.

Click [here](#) for more information.

2017 Harlan Erker Memorial Scholarship

Application Deadline: May 26, 2017

The Colorado Ground Water Association is offering one or more scholarships to graduate students and senior undergraduates (as of fall 2017) 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.

2017 WaterReuse Colorado Student Scholarship

Application Deadline: May 31, 2017

The purpose of the scholarships is to support students with a focus on water reuse, water reclamation, and/or desalination.

Click [here](#) for more information.

RMWEA Tony Campman Scholarship

Application Deadline: June 15, 2017

The Rocky Mountain Water Environment Association established the Tony Campman Scholarship to encourage students who wish to pursue higher education in the water environment field by providing a scholarship at their college or university.

Click [here](#) for more information.

Rocky Mountain Water Quality Analysts Association Scholarship

Application Deadline: July 31, 2017

The RMWQAA offers a \$1,000 scholarship to students pursuing an education and career in the Water Quality field. RMWQAA provides a forum for networking, sponsors training and educational opportunities, and maintains a system of certification and professional development for laboratory analysts and others in the water quality field.

Click [here](#) for more information.

EDUCATION

Distinguished Ecologist Seminar Series

The Distinguished Ecologist Series brings internationally-known scientists to CSU for two days to present their cutting-edge research and to interact with students and faculty in a number of formal and informal settings. The seminars are hosted by CSU's Graduate Degree Program in Ecology (GDPE).

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.



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

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

MISCELLANEOUS

2017 Water for Food Global Conference Photography Contest

Submission Deadline: April 3, 2017

What does "water for food" look like from your perspective -- your local garden, ranch, neighborhood, farm or city? We invite you to send us images that reflect the notion of "water for food" in your community. Top finishers are eligible for cash prizes and complimentary conference registration.

Click [here](#) for more information.

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