

THE CURRENT

An eNewsletter of the CSU Water Center



FEATURE

CSU Water Faculty Spring Meeting

On April 17, over 50 water faculty, staff, and students joined together to discuss water research, education, and outreach at CSU. Participants heard a series of presentations from faculty researchers, discussed the recently announced [request for proposals](#), and shared ideas for water-related campus activities and next steps for the CSU Water Center.



The results of our first MOOC are in!

The CSU Water Center helped organize a MOOC (Massive Open Online Course) titled "Water, Civilization and Nature: Addressing 21st Century Water Challenges." The course ran January through March and covered a variety of water-related topics including urban and agricultural water use, water conflicts, aquatic ecosystems, and climate change. We are pleased to report a 7.4% completion rate for this MOOC, compared to the average completion rate of about 3%. We received many positive comments about the course and hope to offer it again in the future.

HIGHLIGHTS

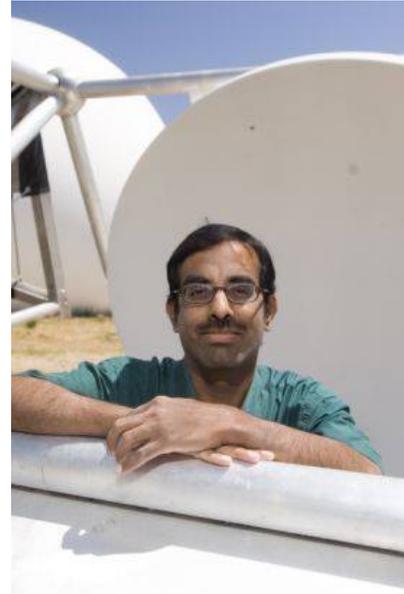
Prestigious Recognition in Water Research

CSU Electrical and Computer Engineering professor Dr. V "Chandra" Chandrasekar was invited by the American Society of Civil Engineers to give a special 3-hour lecture on his work on radar point estimation of rainfall, which is a critical input to forecasting of floods such as the September 2013 record event in Colorado.

He has also won a 5-year Hazard SEES grant about flooding and response from the National Science Foundation and he runs an urban radar network in the Dallas-Fort Worth area.

In addition, he has joined a large UN-based project on urban flooding in Tokyo.

Chandra's involvement in water research illustrates the need for technological responses to bolster water planning, emergency preparedness, and community resilience, which are also required for an integrated approach to flood hazard management.



Introducing Mr. Kareem Ahmad

Mr. Kareem Ahmad is a visiting research scholar at CSU this year, working with Lou Swanson in the Office of Engagement and Pete Taylor in the Department of Sociology. Mr. Ahmad is affiliated with the Desert Research Center in Cairo, Egypt, which is an academic research center of the Ministry of Agriculture. Mr. Ahmad has a Masters degree in Rural Sociology and is a PhD candidate at the University of Alexandria, Egypt, in the Faculty of Agriculture and Rural Development. He is interested in water resources, particularly agricultural water associations and agricultural irrigation allocation and management.

GRAD 592 Interdisciplinary Water Resources Seminar

The Fall 2014 Theme for this seminar series is *Water, Climate & Extreme Events*. Students interested in taking the one-credit seminar should sign up for GRAD592, Water Resources Seminar, Section ID Number: 74006. The seminar will be held at 4:00 pm on Monday afternoons in Engineering E104. Students who have enrolled in GRAD592 in the past may also enroll for this offering.

For more information click [here](#).

POND Mentoring Program

Interested in a career in the water industry? Join the Colorado Water Congress POND Mentoring

Program on LinkedIn and participate in discussions with industry professionals and university professors. Search "Colorado Water Congress POND" on LinkedIn to request to join this group.

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

Spring 2014 Interdisciplinary Water Resources Seminar **Theme: "Humans, Resilience, and Water"**

Mondays | 4:00-5:00 pm | Lory Student Center, Room 222

Each week features a different speaker discussing some aspect of water resources. The last two presentations will be April 28 and May 5.

To see the schedule, click [here](#).

UPCOMING EVENTS

Colorado Foundation for Water Education President's Award Reception

May 2, 2014 | History Colorado Center | 1200 Broadway | Denver, CO

This year CFWE will honor Alan Hamel with the President's Award and Sean Cronin of the St. Vrain and Left Hand Water Conservancy District with the Emerging Leader Award. Enjoy an evening at History Colorado and experience the new Living West exhibit. Partake in a silent auction, games, drinks, hors d'oeuvres, and networking with Colorado's water leaders.

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

Poudre RiverFest

May 10, 2014 | 7:00 am-7:00 pm | Legacy & Lee Martinez Parks | Fort Collins, CO

Poudre RiverFest is a daylong, family focused event, with wildlife viewing and volunteer restoration projects in the morning followed by a celebration of the Poudre River in the afternoon with live music, educational activities, booths, a beer garden and food.

Click [here](#) for more information about this event.

DamNation Movie Screening

May 10, 2014 | 7:00-8:30 pm | Lory Student Center Theater

The CSU Water Center is teaming up with the Student Sustainability Center and the CSU chapter of the Sustainable Remediation Forum (SURF) to bring the film DamNation to CSU. This film "explores the change in our national attitude from pride in big dams as engineering wonders

to the growing awareness that our own future is bound to the life and health of our rivers."

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

Urban Waters Bike Tour

May 13 and 15, 2014 | South Platte River | Denver, CO

Join the Colorado Foundation for Water Education for their annual Urban Waters Bike Tours and learn how the South Platte River is related to urban development, environmental health and community stewardship.

To see the itinerary and register, click [here](#).

Permanent Stormwater BMP Inspection and Maintenance Workshop

May 15-16, 2014 | Boulder, CO

This Colorado Stormwater Center workshop will teach you how to properly perform inspection and maintenance for permanent water quality stormwater BMPs. Participants who complete the workshop will receive a certification from Colorado State University Extension.

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

2014 Clyde Martz Summer Conference

June 5-6, 2014 | Wolf Law Building | University of Colorado | Boulder, CO

The conference theme is "Water and Air Quality Issues in Oil and Gas Development: The Evolving Framework of Regulation and Management."

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

Green Infrastructure and Low Impact Development Planning, Design, and Evaluation Workshop

June 11-12, 2014 | Denver, CO

This workshop is designed for planners, engineers, landscape architects and others who may play a role in the planning, design, review, and implementation of stormwater management plans. Participants will discuss various topics pertaining to GI/LID and will perform a hands-on site evaluation.

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

Yampa Basin Tour

June 11-13, 2014

The Colorado Foundation for Water Education's annual river basin tour will explore the Yampa River Basin this year.

Click [here](#) for more information and stay tuned for more details.

Call for Abstracts - 2014 Water Education Summit

Submission Deadline: July 1, 2014 | Conference Dates: Sept 8-10, 2014 | Asheville, NC

Abstract topics for this summit are: ecosystem restoration and preservation, watershed planning and stewardship, education for public officials and decision-makers, stormwater management, green infrastructure, funding and programmatic resources, climate change and water resources, innovative knowledge and technology transfer, and private sector educational programs.

For more information and to submit an abstract, click [here](#).

Call for Posters - South Platte Forum

Submission Deadline: August 15, 2014 | Forum Dates: Oct 22-23, 2014

The call for posters is open for the 25th Annual South Platte Forum in Longmont, CO. This year's theme is Water and Wisdom.

For forum information, click [here](#). To submit a poster, click [here](#).

NREL Spring Seminar Series: "Sustaining Mountain Ecosystems and Societies in the Face of Global Change"

Fridays | 11:00 am-12:00 pm | Natural and Environmental Sciences Building, Rooms A302-304

Mountain ecosystems are increasingly in the spotlight because of their potential vulnerability to global change. Understanding the ecology of mountain systems and how they may be impacted by both natural and human-induced changes is an important step in sustaining these ecosystems and the people that depend on them. This seminar series will highlight recent research on both social and ecological aspects of mountain systems.

To see a schedule of the seminar topics, click [here](#).

GRANTS & FELLOWSHIPS

CSU Water Center Request for Proposals

Application Deadline: May 5, 2014 | Funding Awarded: July 1, 2014

The CSU Water Center invites applications for Fellows and Research Teams for projects to catalyze transformative water research, teaching, and engagement through interdisciplinary collaboration and creative scholarship among CSU faculty and students.

Click [here](#) for more information.

National Aquatic Resource Surveys Campus Research Challenge

Deadline for entries: May 15, 2014

The National Aquatic Resource Survey (NARS) Campus Research Challenge gives undergraduate and graduate students the opportunity to use NARS data to conduct further scientific research and analysis.

Click [here](#) for more information.

2014 EPA Greater Research Opportunities (GRO) Fellowships for Undergraduate Environmental Study

Application Deadline: May 27, 2014

The U.S. Environmental Protection Agency (EPA), National Center for Environmental Research (NCER), invites applications for the Greater Research Opportunities (GRO) Fellowships for undergraduate environmentally-related study for bachelor's level students, with the goal of providing support for their junior and senior years of study and an internship at an EPA facility during the summer of their junior year.

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

NSF Hydrologic Sciences Program

Proposal Deadline: June 2, 2014

The Hydrologic Sciences Program supports studying processes from rainfall to runoff to infiltration and streamflow; evaporation and transpiration; as well as the flow of water in soils and aquifers and the transport of suspended, dissolved and colloidal components.

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

EMPLOYMENT AND VOLUNTEER OPPORTUNITIES

Hydraulic Structures Internship

Application Deadline: April 30, 2014

Alden Labs is looking for a junior or senior civil engineering student with an interest in structural

engineering for hydraulic design projects.

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

Volunteer at the Denver Metro Water Festival

May 21, 2014 | Auraria Campus | Denver, CO

Metropolitan State University of Denver will be hosting the first annual Denver Metro Water Festival for sixth graders. Volunteers are needed for a variety of positions. All volunteers receive a parking voucher, lunch, and a festival T-shirt.

Contact Nona Shipman at nshipman@msudenver.edu to sign up.

Environmental Engineer II

CDM Smith is currently looking for an Environmental Engineer to join their Water Services team in Denver. They are looking for an individual with a Masters in Civil or Environmental Engineering who is a recent graduate or upcoming May/June graduate. This individual will be focusing on both water resources and water/wastewater treatment.

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

Temporary Water Conservation Irrigation Auditor

The City of Aurora seeks an intern to perform irrigation audits for residential and large property customers.

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

Temporary Water Conservation Horticulture Assistant

The City of Aurora seeks an intern to help maintain the Aurora Xeriscape Demonstration Garden and assist in coordinating volunteers and educating customers in xeriscape principles and techniques.

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

UGA Assistant Professorship in Water Resources Management and Policy

Application Deadline: June 1, 2014

This position will be responsible for implementing an extension/applied research program focused on water resources management in Georgia.

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

SCHOLARSHIPS

Soil and Water Conservation Scholarship

Nomination Initiation Deadline: April 30 | Full Nomination and 1 Reference Letter: May 1, 2014

This Soil and Water Conservation Scholarship is meant to bring back into focus the vital necessity and passion for our discipline by encouraging current students to consider a career in soil and water conservation.

Click [here](#) for more information.

2014 Harlan Erker Memorial Scholarship

Application Deadline: May 16, 2014

The Colorado Ground Water Association is offering one or more scholarships to graduate students and senior undergraduates to be awarded in June 2014.

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

2014-2015 John Fetcher Upper Yampa Water Conservancy District Scholarship

Application Deadline: May 31, 2014

This scholarship provides financial assistance to a student 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.

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

MISCELLANEOUS

Rain Gauge Calendar Photos Wanted

Submission Deadline: June 1, 2014

CoCoRaHS is seeking artistic, high-resolution photos of rain gauges with spring or summer backgrounds for their 2015 Rain Gauge Calendar. The photo should be of the gauge only - no people. Please email photo to Henry Reges (hreges@atmos.colostate.edu) with the words "Rain Gauge 2015 Calendar Photo-Spring" in the subject line. Include the name of the photographer, the location (city, state) of the gauge, and the text "I give CoCoRaHS permission to publish the photo and use it for other possible CoCoRaHS promotions."

[Stormwater Discussion Forum](#)

CSU's Colorado Stormwater Center has added a forum to their website which allows users to submit stormwater-related questions, ideas, comments, or discussions.

To view the forum or submit your own entry, click [here](#).

CSU Water Center | 119 Johnson Hall | Colorado State University
Fort Collins, CO 80523 | (970) 491-2695 | watercenter.colostate.edu | 

[Forward this email](#)



Try it FREE today.

This email was sent to eabbott@rams.colostate.edu by eabbott@rams.colostate.edu | [Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).
CSU Water Center | 119 Johnson Hall | Colorado State University | Fort Collins | CO | 80523