

THE FUTURE OF WATER

LESSONS FROM THE COLORADO RIVER BASIN



MARCH 29-30, 2019

#WATERMEETSLAND

JOINT EVENTS WITH ARIZONA STATE UNIVERSITY 10X WATER SUMMIT

THURSDAY, MARCH 28

Optional guided tours coordinated by Arizona State University depart from Events on Jackson - 245 E. Jackson Street - via coach transportation. Please arrive at 1:15pm for 1:30pm departure.

Advance registration was required and confirmations sent via email. Space is still available for Zero Mass tour, contact mstier@lincolninst.edu if interested.

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| 1:15pm | Next-Gen Decision Tools: The Water Sim Model
<i>ASU Decision Theatre and Tempe Town Lake</i> |
| 1:15pm | Wastewater to Wetland: The Tres Rios Environmental Restoration Project
<i>Reclaimed water recharge/ecological and habitat restoration/monitoring</i> |
| 1:15pm | Training Tomorrow's Truth-Seekers
<i>ASU's Walter Cronkite School of Journalism and Mass Communication</i> |
| 1:15pm | Zero Mass Water Headquarters Tour
<i>Learn about Zero Mass Water's world changing technology and explore the applications of SOURCE Hydropanels driving water resilience worldwide</i> |

JOURNALISTS FORUM PARTNERS



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FRIDAY, MARCH 29

Residence Inn by Marriott Phoenix Downtown – Encanto 1 & 2 – 132 South Central Avenue, Phoenix, AZ 85004

8:00-8:30am **Registration and Breakfast**

8:30-9:00am **Welcome**

9:00am **Keynote: Bruce Babbitt, Former Governor of Arizona and U.S. Secretary of the Interior**

9:20-9:35am **Break**

9:35-10:50am **Session 1: Framing the Context/History of the Colorado River**

We'll start with the big questions for the Colorado River Basin: How did we get here? How has the system worked over the past 100+ years, right up to the situation we find ourselves in today? How do past decisions shape future options? This session will swiftly walk journalists through the basics, provide a refresher for veteran water beat reporters, and allow us to quickly dive into a higher-level discussion.

Moderator: **Allen Best**, Energy News Network

Panelists: **Daniel Bunk**, Deputy Chief, Boulder Canyon Operations Office, Lower Colorado Region, U.S. Bureau of Reclamation

Anne Castle, Senior Fellow, Getches-Wilkinson Center for Natural Resources, University of Colorado, Boulder

Sara Porterfield, Founder, Tributaries Consulting LLC

10:55am-12:15pm **Session 2: Hydrology, Climate, and Tribes: How Warming is Changing Everything**

We can't talk about water without talking about climatic variability and long-term climate change, which exacerbates scarcity in the Colorado River basin and elsewhere. We will review two major basin studies, including the recent Tribal Water Study, and consider the role of tribes and how climate change will intensify the challenges.

Moderator: **Ariana Brocious** Senior Reporter/Producer (The Buzz), Arizona Public Media

Panelists: **Pamela Adams**, Native American Affairs Program Manager, Lower Colorado Region, U.S. Bureau of Reclamation

Kathy Jacobs, Director, Center for Climate Adaptation Science and Solutions, University of Arizona

Daryl Vigil, Water Administrator, Jicarilla Apache Nation

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12:15-1:15pm

Lunch

1:15-2:25pm

Session 3: Around the Water Table: Connecting with Stakeholders

If whiskey is for drinking and water for fighting over, it's largely due to the emotional and cultural associations that have built up a dynamic over the years. Different groups representing agriculture, business and economic growth, the environment, urban development, just to name a few, tend to make assumptions about each other's motives. How can traditional stakeholders and newer interests, including the business community, find common ground to support difficult decisions?

Moderator: **Bret Jaspers**, Senior Field Correspondent, KJZZ

Panelists: **Paul Bruchez**, Rancher, Reeder Creek Ranch

Terry Brunner, Founder, Grow New Mexico

Kirsten James, Director of California Policy, Ceres, Inc.

2:30-3:40pm

Session 4: Linking Land and Water in the Colorado Basin

In this session we'll explore the water management frameworks in several basin states and a community's innovative efforts to address the Colorado River Basin water sustainability through the critical interplay of land and water. Discussion will include how land use planning has a direct impact on water use, and ultimately water availability. How can these two worlds be bridged to better meet the needs of people, agriculture, and nature?

Moderator: **Vanessa Ruiz**, Director-Borderlands Bureau at Cronkite News, Walter Cronkite School of Journalism and Mass Communication and Arizona PBS, Arizona State University

Panelists: **Andrew Fahlund**, Senior Program Officer, Water Foundation

Stu Feinglas, Retired Water Resources Specialist, City of Westminster, Colorado

Jim Holway, Director, Babbitt Center for Land and Water Policy

3:40-4:00pm

Break

4:00-5:20pm

Session 5: Future Water Supplies, Technology, and Conservation

We'll examine how technological advances and cutting-edge conservation practices can help improve water sustainability. Judge whether advances in desalination, smart infrastructure, gaining efficiencies in distribution, and effluent re-use are supplementary or central steps for better water management.

Moderator: **Daniel Rothberg**, Reporter, *The Nevada Independent*

Panelists: **Sean Bothwell**, Executive Director, California Coastkeeper Alliance

Chuck Cullom, Colorado River Program Manager, Central Arizona Project

Sara Ransom, Deputy Civil County Attorney, Cochise County Attorney's Office

6:30-9:00pm

Babbitt Center for Land and Water Policy Reception and Dinner

Residence Inn by Marriott Phoenix Downtown – Encanto Pre-Function Room
132 South Central Avenue, Phoenix, Arizona 85004

At Dessert: Not So Stranger than Fiction: A conversation with **Paolo Bacigalupi**, author of *The Water Knife*



SATURDAY, MARCH 30

Residence Inn by Marriott Phoenix Downtown – Encanto Pre-Function Room – 132 South Central Avenue, Phoenix, AZ 85004

7:30-8:30am **Breakfast**

8:30-8:40am **Opening Comments**

8:40-9:55am **Session 6: Innovations in Water Data and Decision Support Tools**

Huge advances in satellite data collection, mapping, improving data access, scenario planning, and simulation exercises can help stakeholders understand actual conditions and constraints to guide policies based on solid evidence. These tools are critical because of the element of uncertainty in our water future. What twists and turns do the data suggest might be in store?

Moderator: **Mitch Tobin**, Director, Water Desk, University of Colorado

Panelists: **Jeffrey Allenby**, Director of Conservation Technology, Chesapeake Conservancy
George McCarthy, President and CEO, Lincoln Institute of Land Policy
Jessica Norriss, Policy and Partnerships, Upstream Tech

10:00-11:45am **Session 7: Preparing for Potential Shortages: Colorado River Drought Contingency Planning**

The way the Colorado River Basin confronts a near-term challenge – potential shortages as early as 2020 – might provide a roadmap for addressing scarcity longer-term. We will discuss system conservation, upper vs. lower basin perspectives, and powerful underlying issues of equity. Can this work become a blueprint for the future?

Moderator: **Ian James**, Reporter, *The Arizona Republic*

Panelists: **Sandy Bahr**, Grand Canyon Chapter Director, Sierra Club
Clint Chandler, Assistant Director, Arizona Department of Water Resources
Lorelei Cloud, Treasurer, Tribal Council, Southern Ute Indian Tribe
Michael Cohen, Senior Associate, Pacific Institute
Jim Lochhead, CEO/Manager, Denver Water
Kevin Moran, Senior Director, Ecosystems Water Program, Environmental Defense Fund
Leslie Meyers, Area Manager, Phoenix Area Office, U.S. Bureau of Reclamation
Roberto Salmón, Mexican Commissioner, Mexico-United States International Boundary and Water Commission

11:50am-1:00pm **Working Lunch Keynote Addresses on Federal and Tribal Perspectives**

Terry Fulp, Lower Colorado Regional Director, U.S. Bureau of Reclamation

Roberto Salmón, Mexican Commissioner, Mexico-United States International Boundary and Water Commission

Governor Stephen R. Lewis, Governor, Gila River Indian Community



1:10-2:25pm

Session 8: Toward a Sustainable Future for the Colorado River

Further discussions with consideration of what's next – exploring longer term and more significant changes that delve into the concept of water markets, new ideas about system conservation and governance, and water transfers to support growth. What would it take to bring the basin into balance?

Moderator: **Matt Jenkins**, Freelance Journalist

Panelists: **Anne Castle**, Senior Fellow, Getches-Wilkinson Center for Natural Resources, University of Colorado, Boulder

Pat Mulroy, Senior Fellow, William S Boyd School of Law, University of Nevada, Las Vegas

Jennifer Pitt, Colorado River Program Director, Audubon

Dave White, Director, Decision Center for a Desert City, Arizona State University

2:30-3:50pm

Session 9: Practicing the Craft: Covering Water and Public Awareness about Water and Land Connections

The Forum's closing session will be enlightening and aspirational. The moderator and panelists reflect on their experiences and suggest insights gleaned from the previous sessions, prompting a conversation driven by the attending journalists. What are the challenges of covering the water beat, especially in an environment of turbulence and dwindling resources in journalism? What topics do journalists find get most attention from readers and editors? What are they incentivized to write and what does not get covered? The discussion will lead where it may – but will segue to the conclusion and major messages from the Forum.

Moderator: **Mi-Ai Parrish**, Sue Clark-Johnson Professor in Media Innovation and Leadership, Arizona State University

Panelists: **Elizabeth Hightower Allen**, Features Editor, *Outside Magazine*

Cynthia Barnett, Environmental Journalist in Residence, University of Florida College of Journalism and Communications

Sinjin Eberle, Communications & Visual Media Director, American Rivers

3:50-4:00pm

Closing Remarks



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