

2017 Spring Runoff - Eccles Conference Center, Utah State University

28 March

Plenary: *Research to address Utah's water future*

This session features invited talks by recently hired USU faculty giving their research perspectives and invited talks by Utah water agency leads on opportunities for research collaborations

<u>Time</u>	<u>Speaker</u>	<u>Title</u>
8:30-8:40	Nancy Mesner	<i>Welcome / intro / logistics</i>
	Mark McLellan (USU)	<i>Opening Remarks</i>
8:40-9:00	Brian McInerney (NOAA)	<i>Prospects for current water year</i>
9:00 - 2:20	Steve Voelker (USU)	<i>New insights on Utah's climate history from tree-ring records</i>
9:20 - 9:40	Laura Vernon (UDFFSL)	<i>The fluctuating water levels of Great Salt Lake</i>
9:40 - 10:00	McKenzie Skiles (U of U)	<i>Recent advances in measurements and modeling of snow hydrology in the Western U.S.</i>
10:00 - 10:20	break	
10:20 - 10:40	Janice Brahney (USU)	<i>Impacts of dust deposition on lake water quality</i>
10:40 - 11:00	Alfonso Torres-Rua (USU)	<i>Remote sensing as a tool for water management</i>
11:00 - 11:20	Niel Allen (USU)	<i>Irrigated agriculture in Utah</i>
11:20 - 11:40	Joshua Palmer (UDWRe)	<i>Water conservation in Utah</i>
11:40 - 12:10	Yoshimitsu Chikamoto (USU)	<i>Prospects for future water availability in Utah</i>

12:10 - 1:20 LUNCH is on your own. Conference website has map to some on- or near-campus options.

Afternoon Session: *Science In Society*

This session showcases successful university-city collaborations, featuring researchers and city stakeholders who have been involved in joint water research activities. We ask: what are the societal benefits of scientific inquiry and what does data-driven policy look like?

<u>Time</u>	<u>Speaker</u>	<u>Title</u>
1:30- 1:40	Melissa Haeffner (USU)	<i>What is the role of science in society today?</i>
1:40-2:10	Doug Jackson-Smith (Ohio State) and Martin Buchert(U of U)	<i>What we can do when we collaborate: Results from a novel water use dataset in urban Utah</i>
2:10-2:30	Sara Sutherland (U of U), Dan Woodbury (Riverton), Steve Glain (West Jordan), Jordan Allen (South Jordan)	<i>Encouraging water conservation through information in Salt Lake Valley cities</i>
2:30 - 2:50	Joanna Endter-Wada (USU) & Stephanie Duer (SLC)	<i>How Collaboration Connects University Research and Water Conservation Program Impacts</i>
2:50 - 3:00	Ryan James (USU)	<i>Agent-based modeling using real data from Logan, Utah</i>
3:00 - 3:30	Courtney Flint (USU) - Laura Briefer (SLC) Paul Lindhardt (Logan)	<i>Panel: What is the role of science in society? How can university researchers better collaborate with cities to promote data-driven policies?</i>
3:30- 3:45	break	

Poster session lightning round

3:45 - 5:00 Each poster presenter will have 2 minutes to present 2 slides, give a few important points about poster and invite people to come see it.

Poster session and reception at Logan Country Club

5:30 - 10:00 A relaxed opportunity to discuss posters and engage in further conversation. Hors d'oeuvres, soft drinks, cash bar.

6:30 - 7:30 Poster presenters will be stand by posters

8:00 Presentation of poster awards by David Rosenburg (USU)
Presentation of H2Oath awards by Joshua Palmer (UDWRe)

29 March

Plenary: Robust Decision Making in a World of Uncertainty

This session highlights invited speakers addressing challenges and solutions to managing water resources in the face of climate change. The session will end with a panel discussion.

<u>Time</u>	<u>Speaker</u>	<u>Title</u>
8:30-8:40	Sarah Null (USU)	<i>Welcome/ "set the stage" / introductions</i>
8:40 - 9:10	Imtiaz Rangwala (University of Colorado)	<i>Elevation dependent warming and communicating future climate change scenarios</i>
9:10 - 9:40	Jason Shogren (University of Wyoming)	<i>Resilience to climate change: - focus on economics of aquatic invasive species.</i>
9:40 - 10:00	Break	
10:00 - 10:30	Casey Brown (University of Massachusetts)	<i>Sustainable water management under climate uncertainty</i>
10:30 - 11:00	Daniel Peter Loucks (Cornell)	<i>Experiences working with stakeholders and surprises on the way to achieving water security</i>
11:00 - 11:30	All	<i>Panel Discussion</i>
12:10 - 1:20	LUNCH is on your own.	

AWRA J.Paul Riley Student Paper Competition- All welcome

1:00 - 4:30 Top Utah students compete for prizes Rooms 203-205