



Urban Water Innovation Network Annual Meeting Agenda

July 20 - 21, 2021

9:00am - 3:00pm MST

ZOOM LINK:

<https://zoom.us/j/93221465657?pwd=RWV2SHZFUTFWUXBpM3Z5Y3orWnQwdz09>

July 20, 2021: Research Contributions to Science & Practice

Welcome & Housekeeping: 8:45am - 9:00am (MT)

Project Reports: 9:00am - 3:00pm (MT)

*Each project will have 10-mins to discuss major research findings. Presentations should **specifically address how the research contributes to advancing the science and practice of managing sustainable urban water systems**. Discuss how your work may potentially be useful to stakeholders and how your work might influence practice.*

Thrust A: 9:00am - 10:45am

- A1-1 (Arabi): Quantify vulnerability, resilience and adaptability
- A2-1 (Bou-Zeid): Land-atmosphere-hydrosphere interactions
- A2-2 (Georgescu) Land-atmosphere-hydrosphere - projecting future change
- A2-3 (Hondula): Assessing thermal comfort implications
- A2-4 (Meggers): Assessment and design of innovative building systems and urban infrastructure
- A3-1 (Jenerette): Urban Vegetation Biodiversity - Ecosystem Functioning

Thrust A Discussion: 10:15-10:45am

Break (10:45-11:00am)

Thrust B: 11:00am - 12:30pm

*Each project will have 10-mins to discuss major research findings. Presentations should **specifically address how the research contributes to advancing the science and practice of managing sustainable urban water systems**. Discuss how your work may potentially be useful to stakeholders and how your work might influence practice.*

- B1-1a (Sharvelle): Enhance capacity for use of alternative water sources
- B1-2 (Horvath): Life-cycle assessment of urban water systems
- B2-1 (Meixner): Comparative impact of Green Infrastructure across urban systems
- B2-2a (Smith): Flood hydrology and rainfall frequency
- B2-2b (Bledsoe): Hydrology and hydraulics of urban floodplains
- B3-1 (Arabi): Flood risk to assets and socioeconomic sectors in a changing world
- B4-1 (Jones): Greywater Reuse: Pathogen Removal by a Membrane Bioreactor

Thrust B Discussion: 12:30-1:00pm

Lunch Break (1:00pm-1:30pm)

Thrust C, D & URP: 1:30pm - 3:00pm

*Each project will have 10-mins to discuss major research findings. Presentations should **specifically address how the research contributes to advancing the science and practice of managing sustainable urban water systems**. Discuss how your work may potentially be useful to stakeholders and how your work might influence practice.*

- C1-1 (Pivo): Adoption of Sustainable Water Solutions
- C2-1 (Bolson): Homeowner adoption of new technologies
- C3-1 (Harlan): Social Equity & Environmental Justice (SEEJ) of sustainable water systems
- C4-1 (Maas): Financial models and strategies to support the transition to One Water
- D1-1 (Santelmann): UWIN Envision Modeling
- D2 & D3 (Arabi): UWIN decision innovation systems
- URP/Education (Berkowitz)

Thrust C&D Discussion: 2:30-3:00pm

HAPPY HOUR: 3:00-4:00pm

July 21, 2021: SRN Research Products

Envisioning Career Path Opportunities: 9:00am - 10:00am (MT)

Student focused panel discussion on post-graduation career paths and opportunities. Panelists representing utility, academic, non-profit and private sectors will discuss their career paths and factors that influenced their trajectories. Discussions will include question and answer sessions for the students to interact with the panelists.

Break (10:00-10:15am)

Transdisciplinary Products: 10:15am - 11:15am (MT)

- Sustainable urban water systems book
- Session in professional meetings (e.g., AGU Fall meeting)
- MOOC/Online course(s)
- Stakeholder products (e.g., factsheets)

Break (11:15 - 11:30am)

Special Issue: 11:30am - 12:30pm

- Special issues/collections in peer-reviewed journals
- Authors will present their ideas during a panel session and discuss logistics.

Break (12:30 - 1:00pm)

UWIN Data: 1:00 - 2:00pm

- Published/available datasets
- Data dissemination to stakeholders

Break (2:00 - 2:15pm)

NSF & EAC Reflection: 2:15pm - 3:00pm

- NSF Program Manager(s)
- External Advisory Committee

Closing Remarks & Next Steps: 3:00pm - 3:15pm