



Arizona Water Reuse 2018 Symposium

JULY 22- 24, 2018

Little America Hotel in Flagstaff, AZ

For more information visit www.azwater.org/events

ACTIVITIES

*Sunday, July 22, 5 - 7 pm
at Little America Hotel*

Welcome Reception and 3rd Annual
Purple Water Balloon Battle

Join us to get acquainted and network
with your fellow water reuse professionals.
If weather permits, we will host a purple
recycled water balloon battle to kick-off the
event!

Symposium t-shirts will dictate the teams
and conveniently align with our state
university colors or purple if you're neutral.

*Monday, July 23, 6 pm
at Hart Prairie Lodge*

Cocktail Reception and Dinner

Hart Prairie Lodge is located at Snowbowl.
A shuttle will be provided for safe
transportation.

Scenic chairlift rides will be available
during sunset.

WateReuse Arizona Poster Contest

During the cocktail reception we will judge the
submitted posters and send the winner to the
2018 WateReuse National Symposium being
held in Austin, TX, September 9-12, 2018.

AWARDS

2018 WateReuse Arizona
Scholarship Awards

WateReuse Arizona will announce the
winning recipients of two \$2,500
scholarships.

2018 WateReuse Arizona Awards

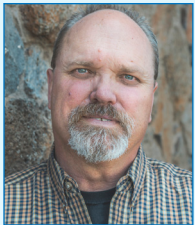
WateReuse Arizona will present awards in the
following categories.

1. Project of the Year
2. Program of the Year
3. Person of the Year



George Maseeh

Carollo Engineers,
2018 Symposium Chair



Brad Hill

Flagstaff Water
Services Director



Coral Davis

Flagstaff Mayor



Doug Owen

Stantec

LITTLE AMERICA HOTEL

2515 E. Butler Avenue | Flagstaff, AZ 86004 | T: 928.779.7900

A block of rooms has been set aside for attendees through **July 6th**.

A rate of **\$139/night** will be honored for
symposium attendees, based on availability of rooms. Ask for group sales and mention the
"**Water Reuse Symposium**" to receive the discounted rate.

*Arizona Water Reuse 2018 Symposium is organized by WateReuse Arizona and the
AZ Water Association Reuse Committee as an exchange of information and experience related to
water reuse planning, implementation, and operations.*

Thank you to our sponsors!

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Arizona Water Reuse 2018 Symposium

Little America Hotel | Flagstaff, AZ | July 22-24

SUNDAY, JULY 22		
3:00 - 4:30 PM	WaterReuse Arizona Section Board Meeting on the Lawn	
4:30 - 7:00 PM	Registration on the Lawn	
5:00 - 7:00 PM	Welcome Reception & 3rd Annual Purple Water Balloon Battle	
MONDAY, JULY 23		
7:30 - 8:30 AM	REGISTRATION AND CONTINENTAL BREAKFAST (Flagstaff Room)	
8:45 - 10:15 AM	GENERAL SESSION - Moderated by George Maseeh (Carollo)	
	INTRODUCTION - John Kmiec, WaterReuse Arizona Chapter President (Marana Water) and Lisa Jackson, AZ Water Association President (Black & Veatch)	
	WELCOME - Brad Hill (Flagstaff Water Services Director) and Coral Evans (Flagstaff Mayor)	
	KEYNOTE ADDRESS - Doug Owen, Pure Water San Diego Consultant Program Manager (Stantec) and The Water Research Foundation Board of Directors From Indirect to Direct Potable Reuse: Regulatory Frameworks, Risk Management, and Technology Implications	
10:15 - 10:30 AM	BREAK	
10:30 AM - 12:00 PM	SESSION 1A: Next Wave of Potable Reuse - Case Studies Moderated by Corin Marron (Carollo)	SESSION 1B: Municipal Projects in Arizona Moderated by Jeff Biggs (Tucson Water)
	Hampton Roads Sanitation District, VA - SWIFT Troy Walker (Hazen)	Tucson Santa Cruz River Heritage Project Tim Thomure (Tucson Water)
	MBR-Based Potable Reuse Approach Dr. Sun Liang (Metropolitan Water District of Southern California)	20 Years of Indirect Potable Reuse Evolution - The Scottsdale Water Campus Story Art Nuñez (Scottsdale Water)
	After 25 Years of Planning, Pure Water San Diego is Moving Towards Construction Doug Owen (Stantec)	Flagstaff DPR Feasibility and Outreach Steve Camp (Flagstaff Water Services) and Rob McCandless (Brown and Caldwell)
12:00 - 1:30 PM	LUNCH (Flagstaff Room) Scholarship & Water Reuse Awards Presentations	
1:30 - 3:00 PM	SESSION 2A: Next Wave of Potable Reuse - Case Studies Moderated by Troy Walker (Hazen)	SESSION 2B: Impaired Groundwater Utilization Moderated by Andrea Odegard-Begay (Garver)
	Pure Water Proof: Non-RO Demonstration for DPR in Altamonte Springs, Florida Andrew Salvesson (Carollo)	Brackish Groundwater Desalination in Arizona Bob Lotts (APS)
	Central Coast Blue Advanced Water Purification Demonstration Facility - Pismo Beach, CA Steve Wait (IDE Technologies)	TARP: Transformation of Tucson Water's CERCLA-to-Drinking Water Program After 20 Years Jeff Biggs (Tucson Water)
	Advancing Direct-to-Distribution Potable Reuse: El Paso Water's AWPf Gilbert Trejo (El Paso Water)	Superfund Challenges and Remediated Water Use Gretchen Erwin (City of Goodyear)

3:00 - 3:30 PM	BREAK	
MONDAY, JULY 23 (Continued)		
3:30 - 5:00 PM	SESSION 3A: Commercial/Industrial/Agricultural Reuse Moderated by Rob McCandless (Brown and Caldwell)	SESSION 3B: Advances in Research Moderated by Maria Brady (Stantec)
	<i>Intel/Chandler - Responsible Water Management at Ocotillo</i> Dr. Jake Davis (Intel)	<i>Water Research Foundation’s “Advancing Potable Reuse Initiatives” and Overview of Current Projects</i> Julie Minton (WRF)
	<i>The Water Research Foundation Research Update: Current and Upcoming Agricultural Reuse Projects</i> Kristan VandenHeuvel (WRF)	<i>Restoring Aquatic Ecosystems in Arid Environments with Treated Wastewater: Wishful Thinking or Practical Reality?</i> Drew Eppehimer (U of A)
	<i>Arizona Snowbowl Ski Area Reuse and Economic Impact</i> J.R. Murray (Arizona Snowbowl)	<i>Survey & Social Media Results from AZ Pure Water Brew Challenge</i> Danielle McPherson (WaterNow Alliance)
5:15 PM	SHUTTLE TO RECEPTION/DINNER (<i>Hotel Lobby Entrance</i>)	
SCENIC CHAIRLIFT RIDES SPONSORED BY ARIZONA SNOWBOWL!		
6:00 - 7:00 PM	RECEPTION AND POSTER CONTEST AT ARIZONA SNOWBOWL - <i>Hart Prairie Lodge</i>	
7:00 - 9:00 PM	DINNER AT ARIZONA SNOWBOWL - <i>Hart Prairie Lodge</i>	
TUESDAY, JULY 24TH		
7:30 - 8:30 AM	REGISTRATION AND CONTINENTAL BREAKFAST (<i>Flagstaff Room</i>)	
8:30 - 10:15 AM	Plenary Session: Journey to Direct Potable Reuse in Arizona Moderated by Tim Thomure (Tucson Water)	
	Background - Evolution, Process, and Stakeholders - Tim Thomure (Tucson Water)	
	Arizona DPR Framework Document - Jeff Mosher (Carollo)	
	Technical Recommendations to ADEQ and Expert Advisory Reviews - Dr. Channah Rock (U of A)	
	Interim Rule Changes and Next Steps/Timeline - Dave Dunaway (ADEQ)	
10:15 - 10:30 PM	BREAK	
10:30 AM - 12:00 PM	Plenary Session (continued): The Future of Reuse in Arizona Moderated by George Maseeh (Carollo)	
	Blueprint for One Water - the Next Step in Urban Water Recycling Wendy Broley (Brown and Caldwell)	
	Continuing Stakeholder Participation: Technical Support, Advocacy, Resources, Research and Funding Dr. Channah Rock (U of A)	
	Medical Initiative and National Perspectives - Guy Carpenter (Carollo)	
	Next Steps for 2019 and Beyond - John Kmiec (Marana Water)	
CLOSING REMARKS		