



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

3:00 - 3:30 PM	<b>BREAK</b>	
<b>MONDAY, JULY 23 (Continued)</b>		
3:30 - 5:00 PM	<b>SESSION 3A: Commercial/Industrial/Agricultural Reuse</b> Moderated by Rob McCandless (Brown and Caldwell)	<b>SESSION 3B: Advances in Research</b> 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)
	Current Agriculture Reuse Projects Kristan VandenHuevel (WRF)	<i>Restoring Aquatic Ecosystems in Arid Environments with Treated Wastewater: Wishful Thinking or Practical Reality?</i> Drew Epehimer (U of A)
	<i>Snowbowl Reuse and Economic Impact</i> J.R. Murray (Arizona Snowbowl)	<i>Survey &amp; Social Media Results from AZ Pure Water Brew Challenge</i> Danielle McPherson (WaterNow Alliance)
5:30 PM	<b>SHUTTLE TO RECEPTION/DINNER (Hotel Lobby Entrance)</b>	
6:00 - 7:00 PM	<b>RECEPTION AND POSTER CONTEST AT ARIZONA SNOWBOWL - Hart Prairie Lodge</b>	
7:00 - 9:00 PM	<b>DINNER AT ARIZONA SNOWBOWL - Hart Prairie Lodge</b>	
<b>SCENIC CHAIRLIFT RIDES SPONSORED BY ARIZONA SNOWBOWL!</b>		
<b>TUESDAY, JULY 24TH</b>		
7:30 - 8:30 AM	<b>REGISTRATION AND CONTINENTAL BREAKFAST (Flagstaff Room)</b>	
8:30 - 10:15 AM	<b>Plenary Session: Journey to Direct Potable Reuse in Arizona</b> 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	<b>BREAK</b>	
10:30 AM - 12:00 PM	<b>Plenary Session (continued): The Future of Reuse in Arizona</b> 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)	
<b>CLOSING REMARKS</b>		