



# Arizona Water Reuse 2021 Symposium

JULY 25- 27, 2021

Little America Hotel in Flagstaff, AZ

For more information visit [www.azwater.org/events](http://www.azwater.org/events)



Troy Walker  
Hazen and Sawyer,  
2021 Symposium Chair



Paul Deasy  
Flagstaff Mayor



Tom Buschatzke  
Director of the AZ Dept.  
of Water Resources



Peter Grevatt  
Chief Executive Officer,  
The Water Research  
Foundation



Pat Sinicropi  
Executive Director of  
WateReuseAssociation

## ACTIVITIES

Sunday, July 25, 5 - 7 pm  
at Little America Hotel

Welcome Reception and  
5th 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!

Monday, July 26, 6 pm  
at Hart Prairie Lodge

Cocktail Reception and Dinner

Hart Prairie Lodge is located at Ariz-  
ona Snowbowl. A shuttle will be pro-  
vided for safe transportation. Arizona  
Snowbowl will host scenic chairlift  
rides from 6 - 7 pm.

## AWARDS

2021 WateReuse Arizona  
Scholarship Awards

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

2021 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

## 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 7th. A rate of \$149 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 2021 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.



# Arizona Water Reuse 2021 Symposium

Little America Hotel | Flagstaff, AZ | July 25-27

	SUNDAY, JULY 25	
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 & 5th Annual Purple Water Balloon Battle	
	MONDAY, JULY 26	
7:30 - 8:30 AM	REGISTRATION AND CONTINENTAL BREAKFAST	
8:45 - 10:15 AM	GENERAL SESSION (Ballrooms B-C) - Moderated by Troy Walker (Hazen)	
	INTRODUCTION - Rob McCandless, WaterReuse Arizona Chapter President (Brown and Caldwell) Brandy Kelso, AZ Water Association President (City of Phoenix)	
	WELCOME - Erin Young (Flagstaff Water) and Paul Deasy (Flagstaff Mayor)	
	SPECIAL MESSAGES - Sent by U.S. Senators Kyrsten Sinema and Mark Kelly Gilbert Trejo - Water Reuse Association National President	
	KEYNOTE ADDRESSES - Trevor Baggione, Director of Water Quality, Arizona Department of Environmental Quality Tom Buschatzke, Director of the Arizona Department of Water Resources Peter Grevatt, CEO - The Water Research Foundation	
10:15 - 10:30 AM	BREAK	
10:30 AM - 12:00 PM	PLENARY SESSION 1: Flagstaff Room - Moderated by Gretchen Baumgardner (Scottsdale Water)	
	PANEL DISCUSSION: When the river runs dry, where’s the next water coming from? Tom Buschatzke, Director, Arizona Department of Water Resources Brian Biesmeyer, Director, Scottsdale Water John Kmiec, Deputy Director, Tucson Water Henry Day, Leader Water Resources Management, APS Chelsea McGuire, Arizona Farm Bureau Federation	
12:00 - 1:30 PM	LUNCH (Ballrooms B-C) Scholarship & Water Reuse Awards Presentations Pat Sinicropi, Executive Director, WaterReuse Association	
1:30 - 3:00 PM	SESSION 2A: (Ballroom A) Outlying Communities Moderated by Andrea Odegard-Begay (Hazen)	SESSION 2B: (Flagstaff Room) Research and Innovation Moderated by Dr. Channah Rock (U of A)
	Using Water from Yesterday to Ensure Water for Tomorrow Morgan Seale (City of Safford)	Quantification of SARS-CoV2 Shedding Rates and % Asymptomatic Cases Walter Betancourt (ASU)
	Flagstaff’s Water Reuse Journey: Development of a Reclaimed Water Master Plan Erin Young (City of Flagstaff)	Log Reduction Credits for Viruses Charles P Gerba (U of A)
		Treatment of NDMA, 1, 4 – Dioxane and Microbial Contaminants in Water using Advanced Reflective UV Technology Sunny Natekar (ASU)
		Tusayan Sustainable Water Pete Shearer (Tusayan Sanitary District)

3:00 - 3:30 PM	BREAK	
	ARIZONA WATER REUSE 2021 SYMPOSIUM PROGRAM	
	MONDAY, JULY 26 (Continued)	
3:30 - 5:00 PM	Plenary Session 2: (Ballrooms B-C) Current Funding Opportunities - Moderated by George Maseeh (Carollo)	
	Financing Reuse Projects with Water Infrastructure Finance and Innovation Act (WIFIA) Loans Jordan Dorfman (USEPA)	
	Bureau of Reclamation Funding Opportunities Jessica Asbill-Case (USBR)	
	Opportunities for Funding Reuse Projects with the State Revolving Fund Garrett Corral (Water Infrastructure Finance Authority of AZ)	
5:15 & 5:45 PM	SHUTTLE TO RECEPTION/DINNER (Hotel Lobby Entrance)	
6:00 - 7:00 PM	SCENIC CHAIRLIFT RIDES SPONSORED BY ARIZONA SNOWBOWL!	
6:00 - 7:00 PM	RECEPTION AT ARIZONA SNOWBOWL - Hart Prairie Lodge	
7:00 - 9:00 PM	DINNER AT ARIZONA SNOWBOWL - Hart Prairie Lodge	
8:30 & 9:00 PM	RETURN SHUTTLES TO LITTLE AMERICA	
	TUESDAY, JULY 27	
7:30 - 8:30 AM	REGISTRATION AND CONTINENTAL BREAKFAST (Ballrooms B-C)	
8:45 AM - 10:15 AM	SESSION 3A: (Ballroom A) Regulatory / Pretreatment Moderated by John Kmiec (Tucson Water)	SESSION 3B: (Flagstaff Room) Impaired Groundwater Restoration and Groundwater Management Moderated by Paula Panzino (ADEQ)
	Source Control Beyond the Pretreatment Program Nancy Nye (El Paso Water)	ADEQ's Use of the Triad Approach for PFAS Assessment and Clean Up Matt Narter (ADEQ)
	Review of City of Tempe's Industrial Source Control Richard Dalton (City of Tempe)	Update on ADWR Active Management Areas Natalie Mast (ADWR)
	The Journey from Industrial Pretreatment to Enhanced Source Control Program Melanie Holmer (Brown and Caldwell)	Tucson Water Tackles TCE, 1,4- dioxane and PFAS Challenges Jeff Biggs (Tucson Water)
		Two Marana Water Treatment Campuses Come to Fruition Laura Carusona (Marana Water)
10:15 - 10:30 PM	BREAK	
10:30 AM - 12:00 PM	Plenary Session 2: Technology Advances (Ballrooms B-C) Moderated by Robert McCandless (Brown and Caldwell)	
	Reviewing the options: Treatment Alternatives Evaluation for Tempe's Kyrene Water Reclamation Facility Doug Kobrick (Hazen)	
	Nevada's First Advanced Purified Water Demonstration Study Lydia Peri (Truckee Meadows Water Authority, NV)	
	An Update on Desalination Technology Tom Pankratz (Water Desalination Report)	
	CLOSING REMARKS	

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