

# THE 2021 UTAH WATER USERS WORKSHOP

May 17-19, 2021

The Dixie Center, St. George, Utah

<http://conference.usu.edu/uwuw>



## GENERAL SESSIONS

### A. CHALLENGES & OPPORTUNITIES IN DNR, UDAF & DEQ

Brian Steed, Craig Buttars & Kim Shelly

### B. UTAH WATER OUTLOOK

Jordan Clayton—NRCS, Glen Merrill—NWS

April 17

## WORKSHOP SESSIONS

### WATER RIGHTS/LEGAL ISSUES:

1. Water Right Issues (State Engineer) -Teresa Wilhelmsen
2. Cancelled
3. Use of Drone Technology in Ag. Applications—Mark Quilter
4. Utah Lake Authority Proposal—Panel
5. Online Process for Water Certs. & Proofs—Blake Bingham
6. Water Banking—Nathan Bracken & Emily Lewis
7. Cancelled
8. Cancelled
9. Cancelled
10. Streambed Access Update—Greg Hansen

### CONSERVATION/TECHNOLOGY/ENGINEERING:

11. How Geology & Hydrology are Interrelated—Tom Marston
12. Water Infrastructure Funding Opportunities—Panel UDAF—R J Spencer, DEQ—Jim Bowcutt, DWR—Shalaine Debernardi, USBR—David Snyder & NRCS—Aimee Rohner
13. Leak Detection Methods for Canals—Justin Rittgers
14. Secondary Water Metering to Improve Efficiency—Anny Baynard
15. Precision Irrigation Applications—Neil Hansen
16. Ag. Water Optimization Projects—Jay Olsen
17. Cancelled
18. Utah Reclamation, Mitigation & Conservation Comm.—Provo R. Delta Restoration Project—Mark Holden
19. Spider Mite Mgmt. With Water Efficient Crop Technologies—Dr. Ricardo Ramirez
20. Testing Irrigation Strategies to Stretch Limited Water Supplies—Dr. Matt Yost
21. Day vs. Night Irrigation in Utah— Dr. Melanie Stock
22. Irrigation Water Depletion Studies —Dr. Niel Allen

### WATER RESOURCE/SUPPLY:

23. Regional Water Conservation Goals—Rachel Shilton & Steve Jones
24. Great Salt Lake Update—Tim Hawkes
25. Using Beavers for Groundwater Recharge—Joe Wheaton
26. Where's the Data? (USGS) & A New Web-based Report of Groundwater Conditions in Utah—Ryan Rowland & Cory Angerth
27. Water Resources Update—Todd Adams
28. State Water Plan Update—Candice Hasenyager
29. Update on Lake Powell Pipeline—Zach Renstrom & Joel Williams
30. Quagga Mussel Update—Nathan Owens
31. Groundwater Recharge Optimization Through Site Selection— David O'Leary
32. Cancelled
33. Provo City Aquifer Storage & Recovery Project—Jeff Davis

### WATER QUALITY:

34. Human Health Risks From Exposure to Reclaimed Wastewater—Ryan Dupont & Jennifer Weidhauss
35. Geomorphology & Geochemistry of Pah Tempe Hot Springs—Tom Marston
36. Cancelled
37. Source Water Protection Implementation—Deidre Beck
38. Septic System Issues & Solutions—Robert Beers
39. Update on Harmful Algal Blooms—Kate Fickus
40. Headwater Nutrient Criteria—Jeff Ostermiller
41. AFO-CAFO Program Update—Don Hall & Hannah Freeze
42. Soil Health & Water Quality—Sara Saunders & Terron Pickett

### RELATED TOPICS:

43. History of John Wesley Powell & the Colorado River—Jonathan Clegg
44. Best Practices in Safety & Risk Management for Canal Companies—Brian Child & Steve Cain
45. Shared Stewardship—Laura Ault & Tyler Ashcroft
46. Down Listing Conservation Reliant Species in Utah—Chris Keleher & Paul Thompson
47. Cancelled
48. Mt. Pleasant Watershed Project—Bryce Wilcox & Tracy Allen
49. Pole Creek & Bald Mountain Fire Disaster Recovery—Darin Robinson & Peter Quittner
50. Drinking Water Update—Tim Davis
51. Colorado River Authority Update—Gene Shawcroft
52. Legislative Update—Jeff Gittins
53. Deer Creek Valve Replacement—Jeff Budge & Andrew McKinnon
54. Benefits & Costs of Real Time Water Mgmt.—Amy Green
55. Idaho Perspectives on Title Transfer & Water Banking—Paul Arrington
56. East Layton Pipeline Rehabilitation Project—Darren Hess
57. Water Loss & Accounting—Todd Stonley & Shazelle Terry
58. PFAS Water Treatment Study—Comparison of GAC to Single Pass Ion Exchange—Katie Wolohan
59. Deer Creek Intake Project—Keith Denos, Deon Stockert, Jeff Budge & Brad Jorgensen
60. New Water for Utah & More—Don Thomason, John Kraczek
61. Canals + Trails: Considerations & Opportunities—Matthew Crump

### GUEST PROGRAM:

62. I Am Me, Mind & Body—Autumn Mackey

# UTAH WATER USERS WORKSHOP MEETING SCHEDULE

## Monday, May 17, 2021

9:00 am **Golf Tournament (St. George Country Club)**  
 4:00 pm **Mountain Bike Ride (Bear Claw Poppy Trail) and Dinner in the Desert**  
 2:00-7:00 pm **Registration for Workshop** in the lobby of the Dixie Center

## Tuesday, May 18, 2021

7:00 am-1:30 pm Registration for Workshop  
 7:30-8:30 am Continental Breakfast  
 8:30-8:35 am **Welcome – Utah Water Users Association – Gene Shawcroft**, Garden Room  
 8:35-9:35 am **General Session A—Challenges & Opportunities in DNR, UDAF & DEQ**—Garden Room

9:35-10:00 am **Break**—Refreshments in Vendor Exhibit Hall

	<b>Ballroom A</b>	<b>Ballroom C</b>	<b>Ballroom E</b>	<b>Ballroom F</b>	<b>Sunbrook A/B</b>	<b>Entrada B/C</b>	<b>Auditorium</b>	<b>Garden Room</b>
10:00-11:00 am		12	24	34	43		62	52
11:00-11:45 am	61	51	23	35	44	49	62	33
11:45-1:15 pm	<b>Lunch Buffet in the Exhibitors Hall</b>							
1:15 –1:45 pm	53	25		45	54	56	19	27
1:45-2:45 pm	5	13	26	37	46	58	21	1
2:45-3:00 pm	<b>Break</b> —Refreshments in Vendor Exhibit Hall							
3:00-4:00 pm	55	11	15	29	42	48	6	1
4:00-5:00 pm	<b>Utah Water Users Association Business Meeting</b> in Sunbrook A/B <i>Financial Report—Election of Officers</i>							
4:30-5:30 pm	University Alumni Social—Organized by Utah State University (Entrada B/C)							

## Wednesday, May 19, 2021

7:30-9:00 am Continental Breakfast & Registration for Workshop  
 9:00-10:00 am **General Session B—Award Presentations and Utah Water Outlook**— Garden Room  
 10:00-10:30 **Break**—Refreshments in Vendor Exhibit Hall

	<b>Ballroom A</b>	<b>Ballroom C</b>	<b>Ballroom E</b>	<b>Ballroom F</b>	<b>Sunbrook A/B</b>	<b>Entrada B/C</b>	<b>Auditorium</b>	<b>Garden Room</b>
10:30-11:00 am	14	28	31	39	50	22	40	59
11:00-11:30 am			30		20	16	57	59
11:30-12:30 pm	18	3	10	4		38	41	60

## WORKSHOP REGISTRATION

Name \_\_\_\_\_ Phone \_\_\_\_\_  
 Organization \_\_\_\_\_ E-mail \_\_\_\_\_  
 Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

### REGISTRATION OPTIONS

### EARLY REGISTRATION

### REGULAR REGISTRATION

*(Postmarked by April 11, 2021)*

*(After April 11, 2021)*

Member

Non-Member

Member

Non-Member

___ Two Day Registration (Includes Lunch)	\$125	\$170	\$145	\$190
___ One Day Registration (Includes Lunch)	\$95	\$140	\$115	\$160
___ <b>Guest Program (Includes Lunch)</b>	\$50	\$50	\$50	\$50

**Guest Name** \_\_\_\_\_

Additional Lunch Ticket(s) \$35 \$40

\_\_\_ **Golf Tournament:** Mon. May 17, 9:00 am \$90 \$90

**Total Amount Enclosed** \$\_\_\_\_\_ \$\_\_\_\_\_ \$\_\_\_\_\_ \$\_\_\_\_\_

Please indicate the number and names of golfers.....Please indicate handicap or 18-hole score for each\_\_\_\_\_

Register by April 15. Fee includes green fee, cart rental, lunch & prizes. For more information: Steve Styler (steve@stylerdaniels.com) or Carly Burton (carlybarbaraburton@gmail.com)

\_\_\_ **Bike Ride & Dutch Oven Dinner: May 17th .....no cost.....Sponsored by Bowen Collins & Assoc.**

Contact Nathan Lunstad 385-239-5974 or nlunstad@utah.gov or Jason Luettinger at 801-560-7033 or jluettinger@bowencollins.com

**Please indicate whether to include your contact information:** \_\_\_ Yes \_\_\_ No

**Would you prefer a paperless format? (App for your phone)** \_\_\_ Yes \_\_\_ No

**To join the Utah Water Users Association go to our website at [www.utahwaterusers.com](http://www.utahwaterusers.com)**

### TO REGISTER

On-line registrations must include credit card information.  
 Registrations must be submitted by **May 10, 2021.**

1. **ON-LINE:** <http://conference.usu.edu/uwuw/>
2. E-MAIL: register.online@usu.edu
3. PHONE: 800-538-2663 or 435-797-0421
4. MAIL: LB 413135  
 USU Event Services  
 PO Box35146  
 Seattle, WA 98124-5146

### Method of Payment (Full payment is required)

- \_\_\_ **Check** (Payable to USU Event Services—UWUW)  
 \_\_\_ **Credit Card** (Please call 1-800- 538-2663 to pay With credit card.)

### CONFIRMATION & RECEIPT

Confirmation and receipt will be emailed out upon receipt of registration. Receipts can also be provided on site at check-in.

### CANCELLATION & REFUND POLICY

Refunds will be made to those registrants who must cancel, less a \$15 processing fee. Written cancellation requests must be on or before May 5, 2021. No refunds will be made after that date. Substitutions with no change of payment are allowed at no charge.

**Dietary or Disability Needs** \_\_\_\_\_ Please specify any required dietary needs (i.e. allergies) for you or your guests.

Reasonable accommodation is available for persons with disabilities. Fourteen working days' notice is needed to prepare materials and ser-

Utah Water users Association  
 6856 S. Bateman Dell Way  
 West Jordan, Utah 84084

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 Permit No. 384

Return Service Requested

<b>2021 WATER USERS            WORKSHOP LODGING            INFORMATION</b>  <b>Hotels with Rooms blocked            for Utah Water Users            Workshop</b>  (Mention Utah Water Users Workshop when reserving. Rooms will be blocked until April 15, 2021)	<i>Hotel</i>	<i>Workshop Rate (not including tax)</i>	<i>Phone Number</i>
	Best Western Abbey Inn	\$85	435-652-1234
	Hilton Garden Inn	\$99	435-634-4100
	Clarion Suites (formerly Comfort Suites)	\$83	435-673-7000
	Desert Garden Inn (Crystal Inn)	\$109	435-215-4946
	Fairfield Inn by Marriott	\$99	435-673-6066
	Hampton Inn	\$109	435-652-1200
	Red Lion (formerly Lexington)	\$79	435-628-4235
	New Holiday Inn	\$99	435-628-8007
	Hyatt Place	\$109	435-656-8686
Wingate by Wyndham	\$94	435-673-9608	

**Other St. George area hotels:**

Ambassador Inn 877-373-7900	Coral Hills 435-673-4644
Best Western Travel Inn 435-673-3541	Howard Johnson Inn & Suites 435-628-8000
Country Inn & Suites 435-251-9600	La Quinta Inn & Suites 435-674-2664
Days Inn 435-673-6123	Travelodge St. George 435-673-4621
	Super 8 435-673-6161

**Sponsors for the  
2021 Utah Water Users Workshop**

**Utah Water Users Association** in cooperation with:

- **State of Utah:** Department of Environmental Quality, Divisions of Drinking Water and Water Quality; Department of Natural Resources, Divisions of Water Rights and Water Resources; the Utah Department of Agriculture and Food; and Utah Geological Survey
- **U.S. Government:** Bureau of Reclamation; Geological Survey; and Natural Resources Conservation Service
- **Utah Farm Bureau Federation**
- **USU Extension**