



THE 2019 UTAH WATER USERS WORKSHOP

March 18-20, 2019

The Dixie Center, St. George, Utah

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

GENERAL SESSIONS

A. NWRA UPDATE ON WATER ISSUES IN CONGRESS

Ian Lyle—NWRA

B. UTAH WATER OUTLOOK

Troy Brosten—NRCS, Brian McInerney—NWS

WORKSHOP SESSIONS

WATER RIGHTS/LEGAL ISSUES:

1. Dam Safety Challenges & Solutions—Blake Tullis
2. Native American Water Rights & Water Use—Duane Moss
3. Water Reuse Statutes & Applications—Boyd Clayton & Teresa Wilhelmsen
4. Update on Water Banking in Utah (Panel)—Nathan Bracken, Emily Lewis, Candice Hasenyager & Sterling Brown
5. Water Right Issues of the State Engineer—Kent Jones
6. Legislative Update/Drought Issues—Mike Styler
7. Water Rights—Where's the Data?—James Greer

CONSERVATION/TECHNOLOGY/ENGINEERING:

8. Assessing ET Modeling Techniques—Jim Prarie
9. USU Extension-Urban Water Conservation—Larry Rupp
10. Cyber Security for SCADA Systems—Richard Gardner
11. CUWCD Update on the North Fork Siphon—Blake Buehler
12. NRCS Watershed Program & Funding Through RCCP/Project Planning & Partnerships—Brett Prevadel, Gawain Snow & Norm Evenstad
13. Brian Head Fire-Parowan Watershed Recovery Plan—Lance Smith & Todd Olsen
14. Proven Methods of Outdoor Water Conservation—Courtney Brown
15. Weber Basin Drought Contingency Plans—Darren Hess
16. Fish Passage & Irrigation Diversions—Jim Derito
17. Utah Legislature –Grant Programs for Water Conservation & Optimization—Tim Hawkes

WATER RESOURCE/SUPPLY:

18. Municipal Water Use & Demand—Scott McGettigan
19. Critical Water Issues Facing Utah & Colorado River Issues—Eric Millis
20. Lake Powell Pipeline Update—Joel Williams
21. New Turf Varieties for Low Water Landscaping—Paul Johnson
22. Great Salt Lake/Supply, Demands & Historical Elevations—Tim Hawkes
23. Utah's Snow Hydrology—Jordan Clayton
24. Utah Climate Center-ET & Irrigation Scheduling Tools—Niel Allen
25. Reducing Stream Bank Erosion with Vegetation—Jim Bowcutt
26. Measuring Your Water-How Close is Close enough? Kade Beck
27. Regional Water Conservation Goals—Rachel Shilton & Steve Jones

WATER QUALITY:

28. Update on Algal Blooms in Utah—Ben Holcomb

29. Soil Health & Cover Crops/ Impacts on Water Quality—Mike Larsen
30. Drinking Water Source Protection/Extra Territorial Jurisdiction—Marie Owens
31. Critical Issues in DEQ—Alan Matheson
32. Municipal, Water District and Public Perceptions on Water Reuse in Utah—Courtney Flint, Hillary Fishler

RELATED TOPICS:

33. Quagga & Zebra Mussels/Research Options & the National Perspective—Nate Owens
34. Olmsted Hydroelectric Update—KC Shaw
35. Updates on Executive Water Finance Board & Governor's Water Strategy—Phil Dean & Evan Curtis
36. Steinaker Dam Upgrade Status—Jonathon Kalafatis
37. Combined with #12
38. CUWCD Spanish Fork/Santaquin Pipeline Update—Chris Hansen
39. USU Extension-Agricultural Water Conservation—Matt Yost
40. Past, Present & Future of Colorado River Fish Recovery—Don Anderson /June Sucker Recovery—Michael Mills
41. Virgin River Resource Mgmt. & Recovery Program—Steve Meisner/Weber R. Partnerships-Working to Prevent ESA Listing—Paul Thompson
42. Utah Wildlife Mitigation Initiative—Don Wiley/Conservation Initiatives Through Collaboration—Paul Burnett
43. Farmington Water Shortage-Benchland Water Dist. Paul Hirst
44. Automated Water Quality Profiling & Weather Monitoring at Bear Lake-Ryan Rowland
45. Expanding Instream Flows to Protect Eco-systems—Belize Lane & David Rosenberg
46. Utah County Toolbox for Agricultural Preservation—Ryan Beck
47. Irrigation Efficiency Improvements—Neil Hansen
48. Modernization, Rehabilitation & Automation of Irrigation Systems-Where do you Start?—Amy Green
49. Projects of the Utah Geological Survey—Paul Inkenbrant
50. Millville Aquifer Storage & Recovery—Paul Inkenbrant
51. San Pitch Salinity Study— J. Lucy Jordan
52. Monroe Nitrate Study—J. Lucy Jordan
53. Unauthorized Recreational Use of Water Structures—Steve Barfuss
54. USGS Study of Water Resources of Parowan Valley—Tom Marston

GUEST PROGRAM:

55. What's the FBI Doing in Your Neighborhood? - Tim Childs

UTAH WATER USERS WORKSHOP MEETING SCHEDULE

Monday, March 18, 2019

9:30 am **Golf Tournament**
Coral Canyon Golf Course, St. George
4:00 pm **Mountain Bike Ride (Bearclaw Poppy Trail) and Dinner in the Desert** (See Attached Flyer)
2:00-7:00 pm **Registration for Workshop** in the lobby of the Dixie Center

Tuesday, March 19, 2019

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 – Gawain Snow**, Garden Room
8:35-9:35 am **General Session A—NWRA—Critical Issues in Congress—**Garden Room

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

	Ballroom A	Ballroom C	Ballroom E	Ballroom F	Sunbrook A/B	Entrada B/C	Auditorium	Garden Room
10:00 am	1	8	18	28	33	2	55	6
11:00 am	3	9	10	20	48	34	55	19
11:45-1:15 pm	Lunch Buffet in the Exhibitors Hall							
1:15 pm	12	21	30		38	13	22	5
2:00 pm	54	14	23	51	39	40	15	11
2:45-3:00 pm	Break— Refreshments in Vendor Exhibit Hall							
3:00 pm	7	16	24	41	17	25	42	4
4:00-5:00 pm	Utah Water Users Association Business Meeting in Sunbrook A/B <i>Financial Report—Election of Officers</i>							

Wednesday, March 20, 2019

7:00-9:00 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

	Ballroom A	Ballroom C	Ballroom E	Ballroom F	Sunbrook A/B	Entrada B/C	Auditorium	Garden Room
10:30-11:30	53	36	26	43	44	27	49	35
11:30-12:30 pm	32	52	45	46	47	29	50	31
12:30	Lunch on your own – Meeting adjourned							
1:30-3:30 pm	Utah Water Resource Board meeting							

WORKSHOP REGISTRATION

Name _____ Phone _____

Organization _____ E-mail _____

Address _____ City _____ State _____ Zip _____

REGISTRATION OPTIONS

EARLY REGISTRATION

REGULAR REGISTRATION

(Postmarked by Feb. 11, 2019)

(After Feb. 11, 2019)

Member

Non-Member

Member

Non-Member

___ Two Day Registration (Includes Lunch) \$125 \$170 \$145 \$190

___ One Day Registration (Includes Lunch) \$95 \$140 \$115 \$160

___ **Guest Program (Includes Lunch)** \$50 \$50 \$50 \$50

Guest Name _____

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

___ **Golf Tournament:** Mon. March 18, 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 _____

Coral Canyon Golf Course: Must register by February 27th Fee includes green fee, cart rental, lunch & prizes. For more information:
Ross Hansen: 801-538-7405 (rosshansen@utah.gov) or Todd Adams (toddadams@utah.gov)

___ **Bike Ride & Dutch Oven Dinner: March 18thno cost.....Sponsored by Bowen Collins & Assoc.**

Contact Nathan Lunstad 801-536-0039 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

TO REGISTER

On-line registrations must include credit card information.
Registrations must be submitted by **March 12, 2019.**

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: USU Conference Registration Services
PO Box 413135
Salt Lake City, Utah 84141-3135

Method of Payment (Full payment is required)

___ **Check** (Payable to Utah State University)

___ **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 March 5, 2019. 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 services.

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

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2019 WATER USERS WORKSHOP LODGING INFORMATION Hotels with Rooms blocked for Utah Water Users Workshop (Mention Utah Water Users Workshop when reserving. Rooms will be blocked until February 15, 2018)	<i>Hotel</i>	<i>Workshop Rate (not including</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	435-628-0464
	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	\$139	435-628-8007
	Hyatt Place	\$79	435-656-8686
Wingate by Wyndham	\$94	435-673-9608	

Other St. George area hotels:

Ambassador Inn 435-673-7900	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
Days Inn 435-673-6123	Super 8 435-673-6161

**Sponsors for the
 2019 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; and the Utah Department of Agriculture and Food
- **U.S. Government:** Bureau of Reclamation; Geological Survey; and Natural Resources Conservation Service; USDA Rural Development
- **Utah Farm Bureau Federation**
- **USU Extension Service**