# The 2020 Utah Water Users Workshop

**March 16-18, 2020**  
The Dixie Center, St. George, Utah  
[http://conference.usu.edu/uwwu](http://conference.usu.edu/uwwu)

## General Sessions

A. **Challenges & Opportunities in DNR, UDAF & DEQ**  
Brian Steed, Kerry Gibson & Scott Baird

B. **Utah Water Outlook**  
Jordan Clayton—NRCS, Brian McInerney—NWS

## Workshop Sessions

### Water Rights/Legal Issues:
1. Water Right Issues (State Engineer)
2. Special Master Findings and Virgin R. Adjudication— Rick Knuth
3. Distribution System Modeling— Jared Manning
4. Native American Water Development—Duane Moss
5. Online Process for Water Certs. & Proofs— Eric Jones
6. Water Banking— Nathan Bracken & Emily Lewis
7. Where’s the Data— Utah Water Rights & USGS— James Greer & Ryan Rowland
8. Groundwater Mgmt. Plan Amendments—Boyd Clayton
9. Adjudication Update— Blake Bingham
10. Streambed Access Update— Marty Bushman

### Conservation/Technology/Engineering:
11. How Geology & Hydrology are Interrelated— Tom Marston
12. Water Infrastructure Funding Opportunities—Panel (UDAF, DEQ, DWR, USBR & NRCS)
13. Leak Detection Methods for Canals— Justin Rittgers
14. Secondary Water Metering to Improve Efficiency— Anny Baynard
15. Precision Irrigation Applications— Neil Hansen & Matt Yost
16. Ag. Water Optimization Projects— Jay Olsen
17. Dam Safety Update— Dave Marble
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
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
33. Provo City Aquifer Storage & Recovery Project— Jeff Davis

### Water Quality:
34. Human Health Risks From Exposure to Reclaimed Wastewater— Ryan Du Pont & Jennifer Weidhauss
35. Geomorphology & Geochemistry of Pah Tempe Hot Springs— Tom Marston
36. Mapping Groundwater Levels & Chemistry Near the Great Salt Lake— Paul Inkenbrant & Stefan Kirby
37. Source Water Protection Implementation— Deidric Beck
38. Septic System Issues & Solutions— Robert Beers
39. Update on Harmful Algal Blooms— Kate Pickus
40. Headwater Nutrient Criteria— Jeff Ostermiller
41. AFO—CAFO Program Update— Don Hall & Jay Olsen
42. Soil Health & Water Quality— Sara Saunders

### 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
45. Shared Stewardship— Laura Ault & Tyler Ashcroft
46. Down Listing Conservation Reliant Species in Utah— Chris Keleher & Paul Thompson
47. Regional Conservation Projects— Norm Evenstad
48. Mt. Pleasant Watershed project— Bryce Wilcox
49. Pole Creek & Bald Mountain Fire Disaster Recovery— Darin Robinson & Peter Quittner
50. Drinking Water Update— Marie Owens
51. Water Finance Board Update— Brian Steed & Phil Dean
52. Legislative Update— Jeff Gittins
53. Hydraulic Hazards at Dams & Other Water Control Structures— Greg Richards
54. Benefits & Costs of Real Time Water Management— 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 & Alane Boyd
58. PFAS Water Treatment Study— Comparison of GAC to Single Pass Ion Exchange— Katie Wolohan

### Guest Program:
59. Home Entertaining
**UTAH WATER USERS WORKSHOP MEETING SCHEDULE**

**Monday, March 16, 2020**

9:30 am  **Golf Tournament**  
Coral Canyon Golf Course, St. George  

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, March 17, 2020**

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

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<thead>
<tr>
<th>Time</th>
<th>Ballroom A</th>
<th>Ballroom B/C</th>
<th>Ballroom E</th>
<th>Ballroom F</th>
<th>Sunbrook A/B</th>
<th>Entrada B/C</th>
<th>Auditorium</th>
<th>Garden Room</th>
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2:45-3:00 pm  **Break**—Refreshments in Vendor Exhibit Hall

3:00-4:00 pm

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<th>Garden Room</th>
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| 4:00-5:00 pm | Utah Water Users Association Business Meeting** in Sunbrook A/B**  
Financial Report—Election of Officers

4:30-5:30 pm  **University Alumni Social**—Organized by Utah State University (Entrada B/C)

**Wednesday, March 18, 2020**

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 am  **Break**—Refreshments in Vendor Exhibit Hall

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TO REGISTER

On-line registrations must include credit card information. Registrations must be submitted by March 10, 2020.

1. **ON-LINE:** [http://conference.usu.edu/uuwuw/](http://conference.usu.edu/uuwuw/)
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.)

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**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, 2020. 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-
**2020 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, 2020)

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Workshop Rate (not including tax)</th>
<th>Phone Number</th>
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<tbody>
<tr>
<td>Best Western Abbey Inn</td>
<td>$85</td>
<td>435-652-1234</td>
</tr>
<tr>
<td>Hilton Garden Inn</td>
<td>$99</td>
<td>435-634-4100</td>
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<tr>
<td>Clarion Suites (formerly Comfort Suites)</td>
<td>$83</td>
<td>435-673-7000</td>
</tr>
<tr>
<td>Desert Garden Inn (Crystal Inn)</td>
<td>$109</td>
<td>435-215-4946</td>
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<tr>
<td>Fairfield Inn by Marriott</td>
<td>$99</td>
<td>435-673-6066</td>
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<td>Hampton Inn</td>
<td>$109</td>
<td>435-652-1200</td>
</tr>
<tr>
<td>Red Lion (formerly Lexington)</td>
<td>$79</td>
<td>435-628-4235</td>
</tr>
<tr>
<td>New Holiday Inn</td>
<td>$99</td>
<td>435-628-8007</td>
</tr>
<tr>
<td>Hyatt Place</td>
<td>$109</td>
<td>435-656-8686</td>
</tr>
<tr>
<td>Wingate by Wyndham</td>
<td>$94</td>
<td>435-673-9608</td>
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**Other St. George area hotels:**

- **Ambassador Inn**
  - Coral Hills
  - 435-673-4644
- **Best Western Travel Inn**
  - 435-673-3541
- **Country Inn & Suites**
  - 435-251-9600
- **Days Inn**
  - 435-673-6123
- **Days Inn**
  - 435-673-6123

**Sponsors for the 2020 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**