



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—Ute Tribe
3. Water Reuse Statutes & Applications—Teresa Boyd
4. Update on Water Banking in Utah—Nathan Bracken & Emily Lewis
5. Water Right Issues of the State Engineer—Kent Jones
6. Legislative Update/Drought Issues—Mike Styler
7. Regional Water Conservation Goals—Rachel Shilton & Steve Jones

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. Funding for Conversion of Open Canals to Pipe Systems—Gawain Snow & Norm Evanstad
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—Paul Burnett
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. Snow Hydrology & Climate Change—Troy Brosten & Nathaniel Todea
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. Water Rights-Where's the Data? - James Greer

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. Public Perceptions-Wastewater Reuse for Secondary Irrigation—Courtney Flint

RELATED TOPICS:

33. Quagga & Zebra Mussels/Research Options & the National Perspective—Nate Owens
34. Olmsted Hydroelectric Update—KC Shaw
35. Governor's Water Strategy Update—Phil Dean
36. Steinaker Dam Upgrade Status—Jonathon Kalafatis
37. Project Planning & Partnerships Including Funding—Brett Prevadel
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 District—Paul Hirst
44. Panel—Utah Water Agencies Interaction
45. Expanding Instream Flows to Protect Eco-systems—Belize Lane & David Rosenberg
46. Utah County Toolbox for Agricultural Preservation
47. Irrigation Efficiency Improvements
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 Barfus

GUEST PROGRAM:

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

WORKSHOP TOPICS, TIMES, SPEAKERS LOCATIONS

Tuesday, March 19, 2019

Time	Topic #	Title	Presenters	Room
7:30 - 8:30 am		Continental Breakfast - Vendor Exhibit Hall		
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	Ian Lyle	Garden Room
9:35 - 10:00 am		Refreshments in Vendor Exhibit Hall		
10:00	1	Dam Safety Challenges & Solutions	Blake Tullis	Ballroom A
	8	Assessing ET Modeling Techniques	Jim Prarie	Ballroom C
	18	Municipal Water Use & Demand	Scott McGettigan	Ballroom E
	28	Update on Algal Blooms in Utah	Ben Holcomb	Ballroom F
	33	Quagga & Zebra Mussels/Research Options & the National Perspective	Nate Owens	Sunbrook A/B
	2	Native American Water Rights & Water Use	Duane Moss	Entrada B/C
	55	Guest Program - What's the FBI Doing in Your Neighborhood?	Tim Childs	Auditorium
	6	Legislative Update/Drought Issues	Mike Styler	Garden Room
11:00 AM	3	Water Reuse Statutes & Applications	Boyd Clayton & Teresa Wilhelmsen	Ballroom A
	9	USU Extension/Urban Water Conservation	Larry Rupp	Ballroom C
	10	Cyber Security for SCADA Systems	Richard Gardner	Ballroom E
	20	Lake Powell Pipeline Update	Joel Williams	Ballroom F
	48	Modernization, Rehabilitation and Automation of Irrigation Systems - Where Do You Start?	Amy Green	Sunbrook A/B
	34	Olmsted Hydroelectric Update	KC Shaw	Entrada B/C
	55	Guest Program - What's the FBI Doing in Your Neighborhood?	Tim Childs	Auditorium
	19	Critical Issues Facing Utah & Colorado River Issues	Eric Millis	Garden Room
11:45 - 1:15 pm		Lunch Buffet - Exhibitors Hall		
1:15 PM	12	NRCS Watershed Program & Funding Through RCCP - Project Planning & Partnerships	Gawain Snow, Norm Evenstead & Brett Prevadel	Ballroom A
	21	New Turf Varieties for Low Water Landscaping	Paul Johnson	Ballroom C
	30	Drinking Water Source Protection/Extra Territorial Jurisdiction	Marie Owens	Ballroom E
	38	CUWCD Spanish Fork/Santaquin Pipeline Update	Chris Hansen	Sunbrook A/B
	13	Brian Head Fire - Parowan Watershed Recovery Plan	Lance Smith & Todd Olsen	Entrada B/C
1:15 pm Cont.	22	Great Salt Lake/Supply, Demands & Historical Elevations	Tim Hawkes	Auditorium
	5	Water Right Issues of the State Engineer	Kent Jones	Garden Room
2:00 PM	54	USGS Study of Water Resources of Parowan Valley	Tom Marston	Ballroom A
	14	Proven Methods of Outdoor Water Conservation	Courtney Brown	Ballroom C
	23	Utah's Snow Hydrology	Clayton Jordan	Ballroom E
	51	San Pitch Salinity Study	J. Lucy Jordan	Ballroom F
	39	USU Extension - Agricultural Water Conservation	Matt Yost	Sunbrook A/B
	40	Past, Present & Future of Colorado River Fish Recovery June Sucker Recovery Program	Don Anderson & Michael Mills	Entrada B/C
	15	Weber Basin Drought Contingency Plans	Darren Hess	Auditorium
11	CUWCD Update on the North Fork Siphon	Blake Buehler	Garden Room	
2:45 - 3:00 pm		Break - Refreshments in Exhibitors Hall		
3:00 PM	7	Water Rights - Where's the Data?	James Greer	Ballroom A
	16	Fish Passage & Irrigation Diversions	Paul Burnett & Jim DeRito	Ballroom C
	24	Utah Climate Center - ET & Irrigation Scheduling Tools	Niel Allen	Ballroom E
	41	Virgin River Resource Management & Recovery Program	Steve Meismer & Paul Thompson	Ballroom F
		Weber River Partnerships - Working to Prevent ESA Listing		
	17	Utah Legislature - Grant Programs for Water Conservation	Tim Hawks	Sunbrook A/B
	25	Reducing Stream Bank Erosion with Vegetation	Jim Bowcutt	Entrada B/C
	42	Utah Wildlife Mitigation Initiative	Don Wiley & Paul Burnett	Auditorium
		Conservation Initiatives Through Collaboration		
4	Update on Water Banking in Utah "Panel"	Nathan Bracken, Emily Lewis, Candice Hasenyager & Sterling Brown	Garden Room	

WORKSHOP TOPICS, TIMES, SPEAKERS LOCATIONS

4:00 - 5:00 pm	Utah Water Users Association Business Meeting	Sunbrook A/B
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Wednesday, March 20, 2019

7:00 - 9:00 am	Continental Breakfast - Exhibitors Hall
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9:00 - 10:00 am	General Session B - Award Presentations & Utah Water Outlook	Brian McInerney & Troy Brosten	Garden Room
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10:00 - 10:30 am	Break - Refreshments Exhibitor's Hall
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10:30 - 11:30 am	53	Unauthorized Recreational Use of Water Structures	Steve Barfus	Ballroom A
	36	Steinaker Dan Upgrade Statis	Jonathon Kalafatis	Ballroom C
	26	Measuring your Water - How Close is Close Enough?	Kade Beck	Ballroom E
	43	Farmington Water Shortage-Benchland Water District	Paul Hirst	Ballroom F
	44	Automated Water Quality Profiling & Weather Monitoring at Bear Lake	Ryan Rowland	Sunbrook A/B
	27	Regional Water Conservation Goals	Rachel Shilton & Steve Jones	Entrada B/C
	49	Projects of the Utah Geological Survey	Paul Inkenbrant	Auditorium
	35	Update on Executive Water Finance Board & Governor's Water Strategy	Phil Dean & Evan Curtis	Garden Room

11:30 am -12.30 pm	32	Municipal, Water District & Public Perceptions on Water Reuse in Utah	Courtney Flint & Hillary Fishler	Ballroom A
	52	Monroe Nitrate Study	L. Lucy Jordan	Ballroom C
	45	Expanding Instream Flows to Protect Ecosystems	Belize lane & David Rosenberg	Ballroom E
	46	Utah County Toolbox for Agricultural Preservation	Ryan Beck	Ballroom F
	47	Irrigation Efficiency Improvements	Neil Hansen	Sunbrook A/B
	29	Soil Health & Cover Crops/Impacts on Water Quality	Mike Larsen	Entrada B/C
	50	Millville Aquifer Storage & Recovery	Paul Inkenbrant	Auditorium
	31	Critical Issues in DEQ	Alan Matheson	Garden Room

12:30 PM	Meeting Adjourned - Don't Forget Your apple!!!!
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