

Utah Watershed Review

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Special Issue: Utah Water Quality Conference Preview

Utah Water Quality Conference Update: Conference General Sessions Taking Shape

The 2011 Utah Water Quality Conference promises to be an interesting, thought-provoking exchange of issues and ideas among water quality professionals of all types from throughout Utah.

The conference will feature two full days of conference sessions August 30th and 31st, followed by a tour on Thursday September 1st.

General sessions this year are expected to include a keynote address by Amanda Smith, Executive Director, Utah Department of Environmental Quality, a look at the evolution of the Three Creeks basin wide grazing management planning process, and a panel discussion about innovative canal safety and management agreements in Cache Valley. The Utah Association of Conservation Districts and their partners have developed a Water Conveyance Facility Safety Management Plan template based on the Strawberry High Line Canal Company's safety plan. This template has statewide applications and should be of interest to water quality professionals from throughout Utah.

The other two general sessions are still being formulated, but are expected to cover the nutrient cycle, nutrient impacts on water quality and development of numeric criteria for nutrients; and a session on flooding impacts from the 2011 runoff season in watersheds with extensive in stream and riparian best management practices.

After the two days of conference sessions, the final day will be dedicated to tours. There are two tour choices that will be offered. One will take people to several nonpoint source water quality project sites in the Little Bear River and Blacksmith Fork river watersheds. The second tour will stay in the valley and look at urban issues related to waste water and storm water. The tours will join meet up for lunch and then continue of their separate ways. Participants will be asked to select the tour that most interests them.

For more information and to register online, go to the conference website:

<http://ag.utah.gov/divisions/conservation/npsconference.html>

Technical Sessions: 36 Presentations to Cover Varied Topics

The 2011 Utah Water Quality Conference planning committee is in the process of selecting 36 concurrent session presentations from more than 40 solicited and submitted abstracts.

While the final room and session assignments may change, the list of those presentations accepted appears on pages 2-4 of this publication.

Among the presentations will be three additional presentations on canal safety and integrated canal management, which will continue in more detail the discussion started in the Canal Safety general session.

Because the conference is being held in Logan, several presenters will be from the Cache Valley area. Additional local presentations include presentations from Logan City on their storm water quality efforts and waste water reused for biofuel production.

Other presentations will cover animal feeding operations and other agricultural issues, information and education, the impacts of Mercury and many other technical issues.



2011 Utah Water Quality Conference

Presenters/Presentations

Tuesday August 30, 2011

Session 1: 10:30 a.m. 00 12:00 p.m.

Room 1:

1. **Low Impact Street Design or Green Infrastructure: A North Logan City Case Study**—Alan Luce, North Logan Parks and Recreation
2. **Storm Drainage and Flood Control Agreement**—Mark Nielsen, Logan City Public Works
3. **Strawberry HighLine Canal Company Risk Assessment and Reduction Management Plan/Resulting Safety Plan Template**—Kerry VanDyke, UACD

Room 2:

4. **Outreach on Septic Systems/Education Outreach (319 money)** — Judy Sims, USU
5. **Do Water Fairs, Water Festivals and Field Days Effectively Increase Student Knowledge?**—Tiffany Kinder, USU
6. **East Canyon Outreach and social Marketing Efforts**—Lars Christensen, Weber River Watershed Coordinator

Room 3:

7. **Real-Time Water-Quality, Water-Velocity, and Meteorological Monitoring at Great Salt Lake, Utah**—Ryan Rowland, USGS
8. **Using APFO's Imagery Archive to Study Water Resources**—Zack Adkins, FSA
9. **Geographic Indices and Remote Sensing to Perform Sevier River SVAP**—Shane Green, NRCS

Session 2: 1:00 – 2:30 p.m.

Room 1:

10. **Nutrient Management Standard Changes**—Neils Hansen, NRCS
11. **Utah's Animal Feeding Operation Strategy: An Update**—Rhonda Miller, USU
12. **A Day in the life of an AFO producer**—Ray Loveless, UACD

Utah Watershed Review:

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<http://ag.utah.gov/mktcons/uwr.html>

(801) 538-7098-- Jack Wilbur, editor

Email: jackwilbur@utah.gov

Room 2:

13. **Total Load Efficiencies of Three BMP Types in Logan**—Margie Borecki, USU
14. **Waste water Reuse for Biofuel Production**—Issa Hamud, Logan City
15. **Logan City Storm Water Quality Efforts**—Lance Houser, Logan City

Room 3:

16. **Great Salt Lake Comprehensive Management Planning Process**—Laura Ault, Fire, Forestry and State Lands
17. **The Jordan River Working Group of the South Shore and Bonneville CWMAs**—Eric McCulley, SWCA
18. **Mercury in Utah: Should You be Concerned?**—Jodi Gardberg, Utah DWQ

Wednesday August 31, 2011

Session 3: 10:30 a.m. – 12:00 p.m.

Room 1:

1. **The Ogden River Parkway project**—Justin Anderson, engineer, Ogden City
2. **The Research on the Willard Spur of the Great Salt Lake Wetlands**—Jeff Ostermiller, Utah DWQ
3. **Bear Lake Water Quality Plan**—Mitch Poulsen , executive director, Bear Lake Regional Commission

Room 2:

4. **State Stream Alteration Regulation**—Daren Rasmussen, Utah Division of Water Rights
5. **Utah Municipal Separate Storm Sewer System (MS4) Permitting and Storm Water Management Programs**—Rhonda Thiele, Utah DWQ
6. **Utah Municipal Separate Storm Sewer System (MS4) Permitting and Storm Water Management Programs, Part II**—Harry Campbell, Utah DWQ

Room 3:

7. **An Ecological Blueprint for the Bear River**—Joan Degiorgio, The Nature Conservancy
8. **Ruby Pipeline (someone from the Company and also Western Watersheds and the deal made between the two).**
9. **Field Drain Mapping**—Clinton Hill, Northern Utah CD

Session 4: 3:00 – 4:30 p.m.

Room 1:

10. **Washington County Emergency Watershed Protection (EWP) Project-2011**—Norm Evenstad, NRCS
11. **Understanding and Choosing the Right Planning Process for Your Project**—W.D. Robinson, UDAF
12. **Economics of Water Quality Protection**—Julie Pierce, NRCS

Room 2:

- 13. **The San Pitch (Twelve mile Creek) Sediment Control Efforts**—Garrick Willden , Jones & DeMille Engineering
- 14. **Using thermocline Manipulation to Remediate Mercury-Contaminated Reservoirs in Southwestern Utah**—David Naftz, USGS
- 15. **Biological changes in WQ Standards** - Ben Holcomb, Utah DWQ

Room 3:

- 16. **Beaver River Pasture Soil Testing Study**—Mark Nelson, USU Beaver County
- 17. **Less Tillage, Less Pollutants, More Profit**—David Mabey, NRCS
- 18. **Storage and Handling of Manure on Large Animal Production Facilities in North Central Utah**—David Hanson, NRCS

Registration Form

(Please print)

Name _____ Title _____

Organization _____

Companion's Name _____

Address _____

City _____ State _____ Zip _____

Telephone _____ FAX _____ E-mail _____

Special physical or dietary needs _____

Register online at <http://ag.utah.gov> or fill out and mail this form to the address below:

2011 UTAH WATER QUALITY CONFERENCE – August 30 – September 1, 2011

Conference & Tour (includes BBQ)	\$150.00	No. _____	@	\$150.00	_____
Conference only (both Aug 30 and 31)	\$105.00	No. _____	@	\$105.00	_____
Conference one-day (Aug 30 or 31): _____	\$ 55.00	No. _____	@	\$55.00	_____
Student 1-day w/o lunch (Aug 30 or 31): _____	\$ 10.00	No. _____	@	\$10.00	_____
Student 1-day with lunch (Aug 30 or 31): _____	\$ 25.00	No. _____	@	\$25.00	_____
Awards Barbecue	\$ 25.00	No. _____	@	\$25.00	_____
Tour (identify which tour will be attended)	\$ 35.00	No. _____	@	\$35.00	_____
NPS Tour		No. _____			
Municipal Tour		No. _____			
Late Fees for registrations postmarked after September 20, 2005			@	\$ 10.00	_____

Total \$ _____

A pre-conference Bear River Canoe trip (Aug. 29 from 6-8 pm) is available separately (contact Nathan Daug's 435-753-5615 ext 124).

Make checks payable to: Utah Association of Conservation Districts (UACD)

Mail registration form to:

Susan Jackson
Utah Association of Conservation Districts
1860 North 100 East
Logan, UT 84341-1784