



21ST ANNUAL JOINT CONFERENCE: INNOVATION AND CHANGE



2019 RED RIVER WATERSHED MANAGEMENT BOARD AND FLOOD DAMAGE REDUCTION WORKGROUP

WEDNESDAY, MARCH 20

1:00pm Conference Begins:

Welcome & Introductions:

Robert Sip, Executive Director, RRWMB

John Finney, Chair, RRWMB Board of Managers

1:05pm Welcome to Moorhead, Minnesota:

Johnathan Judd, Mayor of Moorhead, MN

1:10pm Managing Through Times of Change:

Steven Reuter, Organizational Health Consultant, State of MN

As the saying goes, the only constant in life is that everything changes. The question, then, is how do we manage ourselves through these inevitable times of change? Join us for a presentation about the impacts of change, and how we can work individually and together to make change work for us.

2:00pm Understanding Conflict:

Jody Horntvedt, Extension Educator, University of MN

Conflict can arise whenever individuals have different values, opinions, needs, interests and are unable to resolve those differences. Join us for this workshop to explore the costs and sources of conflict as you learn strategies to sort out differences to work toward agreement.

2:50pm 15 Minute Break:



OTHER MEETINGS - DAY 1

8:00am - 9:15am Red River Retention Authority

9:30am - 12:00pm Red River Watershed Management Board

9:30am - 11:30pm BWSR Local Government Session

WEDNESDAY, MARCH 20

3:05pm Red River Mediation Agreement - 20 years of implementation:

Henry Van Offelen, Clean Water Specialist, BWSR

The 1998 Red River Mediation Agreement established a watershed-based approach to reduce flood damages and enhance natural resources. This presentation will provide an overview of the mediation agreement, the process used to implement the agreement and the outcomes from 20 years of implementation.

3:30pm The Basics of Good Governance:

Louis Smith, Attorney, Smith Partners

We will review the core legal issues in watershed governance, including conflict of interest, roles of board and staff, and the open meeting law.

4:10pm SWCD Partnership Projects: Regional SWCD Staff will present case studies on collaborative projects that improve water management

4:40pm Recognition/Day 1 Wrap-up/Next Steps: Robert Sip, John Finney, Emily Javens

5:00pm Evening Social

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THURSDAY, MARCH 21

7:45am Breakfast

8:30am Welcome & Review of Day 1:

Rita Albrecht, Co-Chair, FDRWG/ Regional Director, MN DNR

8:40am RRWMB Updates - Strategic Planning:

Robert Sip, Executive Director RRWMB

9:10am FDRWG Updates - Strategic Planning:

Rita Albrecht, Co-Chair, FDRWG/ Regional Director, MN DNR

9:25am Understanding MN Landowners' Values, Attitudes & Behaviors Towards Wildlife & Wildlife Habitat:

Dr. Larry Gigliotti, USGS South Dakota Cooperative Fish & Wildlife Research Unit

This presentation reviews information collected by a 2016 survey of MN landowners. The main purpose of the study was to describe how landowners think about and relate to their land, wildlife and wildlife habitat.

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THURSDAY, MARCH 21

10:10am BREAK

10:25am **Don't Treat Your Soil Like Dirt:**

Jodi DeJong-Hughes, Extension Coordinator - Crops, University of MN

Soil is one of Earth's most vital and precious resources. It provides support and nourishment that plants need in order to grow. This session will explore soil health and the interconnection between the microbial life, organic matter, and soil structure as well as what you can realistically expect from your individual fields. We'll look at management options that improve the health and productivity of our soil.

11:10am **Cover Crop and American Crystal Sugar Co. Role in Sustainability:**

Todd Cymbaluk, Sr. Agriculturalist, American Crystal Sugar

Learn about American Crystal Sugar (ACS) recommendations for use of cover crops and residue management for their growers. Information will also be shared about ACS goals with agricultural sustainability relating to 6 environmental Efficiency Indicators - Land Use, Water Use, Nitrogen Use, Green House Gas Emissions, Soil Conservation, and Energy Use.

11:40am LUNCH

12:25pm **Drone Update 2019 - How Drones Can Help in Your Watershed:**

Erik Nelson, Houston Engineering Inc. / **Brady Woodard**, Moore Engineering, Inc.

Drone basics, uses, and limitations, and why its best to work with a professional.

12:55pm **Show Me the Money - Case studies in project funding:**

Erik Jones, Principal/Project Manager, Houston Engineering Inc.

This presentation will highlight two projects: Manston Slough Restoration and Wolverton Creek Restoration. Both projects provide significant FDR and NRE benefits. The mix of funding sources that were pursued and utilized to get the projects completed will be discussed.

1:25pm **Red River Comprehensive Watershed Management Plan - Who, What, When, Where, How and Now What?:**

Nan Bischoff, Project Manager/FERC Coordinator USACE

The Red River Comprehensive Watershed Management Plan (CWMP) was developed between 2014 and 2017 to identify watershed management challenges in the Red River of the North Basin, and to offer various measures to improve conditions. This session will provide an overview of recommendations of the CWMP, where to find it, how to use it, and how to keep it updated.

1:45pm BREAK

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2:00pm What Makes Drinking Water in the Red River Basin Unique? A MN Department of Health Planner Perspective:

Jenilynn Marchand, Planning Program Supervisor, Source Water Protection, MN Dept. Of Health

A Minnesota Department of Health Planner perspective of regional and local geology, groundwater quality, public water suppliers, and wellhead protection in the Red River Basin.

2:20pm Factors Influencing Total Mercury and Methylmercury Levels on Two National Wildlife Refuges in Northwestern MN:

Ben Walker, Wildlife Biologist, Glacial Ridge and Rydell NWRs, US Fish & Wildlife Service

A study was conducted to evaluate the impact of management and restoration actions on total mercury and methylmercury levels at Agassiz and Glacial Ridge NWRs. Results from this study provide information to help wetland managers make informed habitat decisions, while mitigating potential mercury exposure to wildlife.

2:40pm Farm Bill and Program Updates for MN (RCPP and NRCS):

Dave Jones, State Conservation Engineer, NRCS

Updates regarding the Farm Bill and programs in MN will be given.

3:10pm Farm Bill Updates (CRP and FSA):

Joe Martin, State Executive Director, MN Farm Service Agency

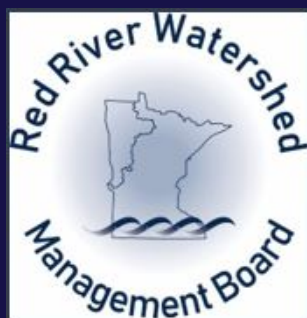
Updates on key Farm Bill conservation provisions in MN will be given.

3:30pm Drought to Flood, or Flood to Drought - Which is it this Time Around?:

Gregory Gust, Warning Coordination Meteorologist, NOAA

Expect a quick review of the current basin-wide hydrologic conditions, an outlook for this coming spring and summer, plus an analysis of where this fits in the current climate cycle. The Red River Basin has shown dramatic swings from a recent multi-decadel period of excessive wetness to even more recent and sporatic "flash droughts". Will the roller coaster continue?

3:45pm Conference Wrap Up: Rita Albrecht, Co-Chair, FDRWG/ Regional Director, MN DNR



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