



## NORTH CENTRAL REGION WATER NETWORK

An Extension-led partnership of land-grant colleges and universities

SPRING 2016 CONFERENCE • MARCH 21-23, 2016 • LINCOLN, NEBRASKA

# From Science to Success:

## Bridging the Gap Between Knowledge and Practice in Water Resource Management

### Conference Theme

This event will focus on the pathways from knowledge generation to positive change and methods used to move us along those pathways. We will provide information and discuss this theme broadly, then apply what we've learned to specific issues that we're gaining momentum around, e.g.:

- Watershed leadership and management
- Agricultural irrigation
- Managing agricultural drainage water
- Climate change in agriculture and community development
- Youth and water literacy and stewardship
- Other topics chosen by conference participants

### Conference Goals

- Increase awareness of water-related issues, research, and Extension programs providing benefits across the North Central Region
- Strengthen professional networks among land-grant universities, agency, industry, and NGO partners
- Strengthening water research and outreach in the North Central Region
- Provide feedback for Network Leadership and Extension Directors on direction of the Network

### Who Should Participate

- Extension educators and specialists that address water-related issues in their programs or are interested in incorporating water issues more fully into future programs
- Researchers interested in strengthening ties with Extension and North Central Region Water Network
- Invited partners



**Monday, March 21, 2016**

7:00 AM - 8:00 AM	<b>Registration Desk Open</b> FOYER
	<b>LANCASTER IV, V, VI</b>
8:00 AM - 8:10 AM	<b>WELCOME</b> Chuck Hibberd, Dean and Director, Cooperative Extension Division, University of Nebraska-Lincoln
8:10 AM - 8:45 AM	<b>OPENING PLENARY</b> Ronnie Green, Vice Chancellor for the Institute of Agriculture and Natural Resources, University of Nebraska - Lincoln
8:45 AM - 10:00 AM	<p><b>What We Know About the Process and Methods of Getting from Science to Success - Part 1</b> Moderator: Ken Genskow, University of Wisconsin</p> <p>Bret Shaw - Associate Professor, Life Sciences Communication, University of Wisconsin            Nicholas Brozović - Director of Policy, Robert B. Daugherty Water for Food Institute and Associate Professor, Agricultural Economics, University of Nebraska-Lincoln            Shari Dann - Associate Professor, Department of Community Sustainability, Michigan State University</p> <p><b>Round Table Discussions</b></p>
10:00 AM - 10:20 AM	<b>BREAK</b> FOYER
10:20 AM - 11:30 AM	<p><b>Taking Stock: The North Central Region Water Network Pilot Two Years In</b> Moderator: Dan Devlin, Kansas State University</p> <ul style="list-style-type: none"> <li>• <b>Developing Stormwater Curriculum for the North Central Region</b> Shahram Missaghi, University of Minnesota</li> <li>• <b>Growing Youth Water Literacy and Stewardship and Extension Capacity for Youth Water Programming In the North Central Region</b> Natalie Carroll, Purdue University</li> <li>• <b>Framework for Nutrient Reduction Strategy Collaboration: the Role for Land Grant Universities</b> Rebecca Power, North Central Region Water Network and the University of Wisconsin-Extension</li> </ul> <p><b>Round Table Discussions</b></p> <ul style="list-style-type: none"> <li>• What have you gotten from this network, as well as other networks?</li> <li>• How could a network focused on water and Extension serve you better?</li> <li>• What other feedback/suggestions do you have for the Leadership Team and Extension Directors?</li> </ul>
11:30 PM - 1:00 PM	<p><b>LUNCH</b></p> <p><b>Opportunities and Challenges in Translating Science to Success</b> Moderator: Karl Martin – Assistant Dean and State Program Director, University of Wisconsin-Extension</p> <p>Sonny Ramaswamy, Director, National Institute of Food and Agriculture            John Phillips – Executive Director, First Americans Land-grant Consortium</p>

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**Monday, March 21, 2016 continued**

<b>FROM SCIENCE TO SUCCESS PART I – BREAKOUT SESSIONS</b>			
From Science to Success Part I – breakout sessions in Part I are the first of two, hour-long breakout sessions on the listed topic. Agendas for breakout sessions are developed by the session facilitators and will focus on the state of the science (natural and social) and outreach			
	<b>HAWTHORNE</b>	<b>ARBOR 1</b>	<b>ARBOR 2</b>
Breakout Session A 1:00 PM - 2:00 PM	<b>Manure Management</b> Facilitator: <b>Erin Cortus</b> , South Dakota State University	<b>Irrigation Management</b> Facilitators: <b>Steve Miller</b> , Michigan State University <b>Suat Irmak</b> , University of Nebraska-Lincoln	<b>Stormwater</b> Facilitator: <b>Shahram Missaghi</b> , University of Minnesota
Breakout Session B 2:00 PM - 3:00 PM	<b>Climate Change and Adaptation in Agriculture</b> Organized by initiative leaders and other volunteers	<b>Youth Water Literacy and Stewardship</b> Facilitators: <b>Natalie Carroll</b> , Purdue University <b>Brandon Schroeder</b> , Michigan State University <b>Justin Hougham</b> , University of Wisconsin-Extension	<b>Extension Mentoring for a Systems Approach to Nutrient Management</b> Facilitators: <b>Anne Baird</b> and <b>Greg LaBarge</b> , The Ohio State University <b>Richard Koelsch</b> , University of Nebraska-Lincoln
3:00 PM - 3:15 PM	<b>BREAK FOYER</b>		
Breakout Session C 3:15 PM - 4:15 PM	<b>Open Space</b> - New seed-funded projects or session organized by attendees <b>Nutrient and watershed management in the Northern Great Plains: Professional development for educators and conservation professionals</b> – Facilitator: <b>Miranda Meehan</b> , North Dakota State University <b>Integrating Volunteer Water Monitoring with Extension Outreach Programs</b> Facilitators: <b>Peggy Doty</b> , University of Illinois and <b>Peggy Compton</b> , University of Wisconsin-Extension		
	<b>Building Capacity for Watershed Leadership</b> Facilitator: <b>Joe Bonnell</b> , The Ohio State University	<b>Soil Erosion and the Daily Erosion Project</b> Facilitator: <b>Richard Cruse</b> , Iowa State University	
Breakout Session D 4:15 PM - 5:15 PM	<b>Nutrient Loss Reduction from Drained Agricultural Land</b> Facilitators: <b>Jane Frankenberger</b> , Purdue University <b>Laura Christianson</b> , University of Illinois	<b>Climate Change and Adaptation in Urban and Urbanizing Landscapes</b> Facilitator: <b>Brian Miller</b> , University of Illinois-Extension and Illinois-Indiana Sea Grant	
	<b>Open Space</b> - New seed-funded projects or session organized by attendees <b>Strengthening water-related collaborations among 1994 and 1862 land-grant institutions</b> Facilitators: <b>Charles Barden</b> , Kansas State University and <b>John Phillips</b> , First Americans Land-grant Consortium		
5:30 PM - 6:30 PM	<b>Poster Session with appetizers and refreshment FOYER</b>		



**Tuesday, March 22, 2016**

6:45 AM - 7:00 AM	<b>Registration Desk Open</b> FOYER		
7:00 AM - 8:15 AM	<b>Regional Administrative Council and Leadership Team Breakfast</b> LANCASTER I, II, III		
8:15 AM - 8:30 AM	<b>REFRESHMENTS</b> FOYER		
8:30 AM - 9:30 AM	<p><b>Moving From Science to Success: Integrating Research and Extension</b> LANCASTER IV, V, VI  <b>Robin Shepard</b>, Executive Director, North Central Cooperative Extension Association  <b>Archie Clutter</b>, Dean, Agricultural Research Division and Director, Agricultural Experiment Station, University of Nebraska-Lincoln  <b>Chris Hay</b>, Senior Environmental Scientist, Iowa Soybean Association, and  <b>Jane Frankenberger</b>, Professor, Agricultural and Biological Engineering, Purdue University</p>		
<p><b>FROM SCIENCE TO SUCCESS PART II – BREAKOUT SESSIONS</b>            Breakout sessions in Part II are the second of two, hour-long breakout sessions on the listed topic. Agendas for breakout sessions are developed by the session facilitators and will focus on next steps for multi-state collaboration among extension, our research colleagues and our partners.</p>			
	<b>HAWTHORNE</b>	<b>ARBOR 1</b>	<b>ARBOR 2</b>
Breakout Session E 9:30 AM - 10:30 AM	<p><b>Manure Management</b>            Facilitator:  <b>Erin Cortus</b>,            South Dakota State University</p>	<p><b>Irrigation Management</b>            Facilitators:  <b>Steve Miller</b>,            Michigan State University  <b>Suat Irmak</b>,            University of Nebraska-Lincoln</p>	<p><b>Stormwater</b>            Facilitator:  <b>Shahram Missaghi</b>,            University of Minnesota</p>
Breakout Session F 10:30 AM - 11:30 AM	<p><b>Climate Change and Adaptation in Agriculture</b>            Organized by initiative leaders and other volunteers</p>	<p><b>Youth Water Literacy and Stewardship</b>            Facilitators:  <b>Natalie Carroll</b>,            Purdue University  <b>Brandon Schroeder</b>,            Michigan State University  <b>Justin Hougham</b>,            University of Wisconsin-Extension</p>	<p><b>Extension Mentoring for a Systems Approach to Nutrient Management</b>            Facilitators:  <b>Anne Baird and Greg LaBarge</b>,            The Ohio State University  <b>Richard Koelsch</b>,            University of Nebraska-Lincoln</p>
11:30 AM - 12:30 PM	<b>LUNCH</b> LANCASTER IV, V, VI		
Breakout Session G 12:30 PM - 1:30 PM	<p><b>Open Space</b>            New seed-funded projects or session organized by attendees</p> <p><b>The Nutrient Reduction Game: A Strategy for Engaging Stakeholders</b>            Facilitator:  <b>Jane Frankenberger</b>,            Purdue University</p>	<p><b>Building Capacity for Watershed Leadership</b>            Facilitator:  <b>Joe Bonnell</b>,            Ohio State University</p>	<p><b>Open Space</b>            New seed-funded projects or session organized by attendees</p> <p><b>Nutrient and watershed management in the Northern Great Plains: Professional development for educators and conservation professionals</b>            Facilitator: <b>Miranda Meehan</b>,            North Dakota State University</p>

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**Tuesday, March 22, 2016 continued**

<b>FROM SCIENCE TO SUCCESS PART II - BREAKOUT SESSIONS CONTINUED</b>			
Breakout sessions in Part II are the second of two, hour-long breakout sessions on the listed topic. Agendas for breakout sessions are developed by the session facilitators and will focus on next steps for multi-state collaboration among extension, our research colleagues and our partners.			
	<b>HAWTHORNE</b>	<b>ARBOR 1</b>	<b>ARBOR 2</b>
Breakout Session H 1:30 PM - 2:30 PM	<b>Nutrient Loss Reduction from Drained Agricultural Land</b> Facilitators: <b>Jane Frankenberger</b> , Purdue University <b>Laura Christianson</b> , University of Illinois	<b>Climate Change and Adaptation in Urban and Urbanizing Landscapes II</b> Facilitator: <b>Brian Miller</b> , University of Illinois-Extension and Illinois-Indiana Sea Grant	<b>Agricultural Conservation Planning Framework</b> Facilitator: <b>Mark Tomer</b> , USDA Agricultural Research Service
2:30 PM - 3:00 PM	<b>CLOSING PLENARY</b> LANCASTER IV, V, VI <b>Chuck Schroeder</b> , Executive Director, Rural Futures Institute, University of Nebraska-Lincoln		
3:00 PM	<b>ADJOURN</b> Field trip bus leaves at 3:15 PM for Nebraska Field Tour - Rowe Audubon Sanctuary and Sandhill Crane Migration Viewing. Approximate return to Lincoln is March 23, 2016 between 2:00 - 3:00 PM		

**Wednesday, March 23, 2016**

**NEBRASKA FIELD TRIP CONTINUED**

University of Nebraska-Lincoln water resource program tours  
 Return to Lincoln between 2:00 - 3:00 PM