

2015 Water Symposium Agenda
High Plains Aquifer: Sustainability for Food Production
and
Water Supply

Thursday, March 19, 2015

- 7:30 a.m. Registration (continental breakfast available)
- 8:15 a.m. Welcome and announcements:
Ron Yoder, Associate Vice Chancellor, IANR
Roberto Lenton, Founding Executive Director, Daugherty Water for Food Institute
Chittaranjan Ray, Director, Nebraska Water Center

Morning Sessions

Moderator: Rick Wilson, USGS Nebraska Water Science Center

- 8:30-9:00 a.m. *"A Simple, First-Order Approach for Assessing Prospects for Sustainability of the High Plains Aquifer in Western Kansas,"* Donald Whittemore, Kansas Geological Survey, University of Kansas
- 9-9:30 a.m. *"Geology and Hydrology of the High Plains/Ogallala System,"* Jesse Korus, UNL Conservation and Survey Division
- 9:30-10 a.m. *"The High Plains Groundwater Availability Study: Abundant Groundwater Doesn't Necessarily Mean Abundant Surface Water,"* Steve Peterson, U.S. Geological Survey Nebraska Water Science Center
- 10-10:30 a.m. **Break**
- Moderator: Jesse Korus, UNL Conservation and Survey Division
- 10:30-11 a.m. *"Managing Water for Nebraska Farmers,"* Roric Paulmann, Nebraska Water Balance Alliance
- 11-11:30 a.m. *"Texas Alliance for Water Conservation: Managing Water for Texas Farmers,"* Glenn Schur, Texas Alliance for Water Conservation
- 11:30-12 p.m. *"Simulating the Land Surface Response to Drought and Climate Change Across the High Plains,"* Anthony Kendall, Michigan State University
- 12-1 p.m. Lunch
- 1-2 p.m. Poster sessions (with light refreshments)

Afternoon Sessions

Moderator: Dan Snow, NU Water Sciences Laboratory

- 2-2:20 p.m. **Local studies #1:** *“Sustainability and Groundwater Management in Western Nebraska,”* Douglas R. Hallum and Steven Sibray, UNL Conservation and Survey Division
- 2:20-2:40 p.m. **Local studies #2:** *“Water Sustainability Projects in the Central Platte NRD,”* Lyndon Vogt, Central Platte Natural Resources District
- 2:40-3 p.m. **Local studies #3:** *“Innovations in High Plains Water Management Institutions,”* Nick Brozovic, NU Robert B. Daugherty Water for Food Institute
- 3-3:20 p.m. **Local studies #4:** *“USGS 2010 Water Use Compilation: The Nation, High Plains, and Nebraska,”* Nathan Schaepe, U.S. Geological Survey Nebraska Water Science Center

Panel Discussion

Moderator: Chittaranjan Ray, director, Nebraska Water Center

- 3:45-5 p.m. *“Use and Sustainability of the Aquifer into the Future”:*
Jason Farnsworth, Platte River Recovery Implementation Program; Scott Smathers, NRCS; Jim Schneider, Nebraska Department of Natural Resources; Pat O’Brien, Upper Niobrara White NRD; Lee Orton, Nebraska Well Drillers Association; John Heaston, The Nature Conservancy; Rick Kellison, Texas Alliance for Water Conservation
- 5 p.m. Adjourn