

New Mexico Water Resources Research Institute
presents
57th Annual New Mexico Water Conference

HARD CHOICES: Adapting Policy and Management to Water Scarcity

co-hosted by

Senator Tom Udall and NMSU President Barbara Couture

New Mexico State University Corbett Center Ballroom

August 28, 2012

WELCOME: 8:00 a.m.

- New Mexico Water Resources Research Institute
Interim Director Alexander "Sam" Fernald
- New Mexico State University *President Barbara Couture*
- U.S. *Senator Tom Udall*

SESSION 1: 8:45 a.m.

Setting the Stage: Where is the Water and How Much Do We Have?

Moderated by *J. Phillip King*, New Mexico State University

- New Mexico's Water Budget, *Alexander "Sam" Fernald*, NM Water Resources Research Institute
- Climate Change, *Dagmar Llewellyn*, Bureau of Reclamation
- Deteriorating Water Infrastructure and Impact on Supply, *Del Archuleta*, Molzen-Corbin
- The Transboundary Aquifer Assessment Project, *Mike Darr*, U.S. Geological Survey
- Status Quo of Water Rights in Times of Shortage: Legal and Environmental Constraints
Steve Vandiver, Rio Grande Water Conservation District, Alamosa, CO
- Facilitated discussion

SESSION 2: 10:15 a.m.

Water Users Perspectives: Agriculture, Municipal, Energy, and Environmental Moderated by *Jeff Witte*,
New Mexico Department of Agriculture

- Scarcity Impact on Acequias, *Paula Garcia*, New Mexico Acequia Association
- Municipal Water Reuse, *Larry Webb*, City of Rio Rancho
- Algae Water Use, *Richard Sayre*, Los Alamos National Laboratory
- Protecting Our Natural Environment, *Denise Fort*, Utton Transboundary Resources Center
- Discussion with audience on other best practices and policy ideas

BREAK AND POSTER VIEWING: 11:35–12:30 p.m.

(*Dona Aña Room and West Lobby*)

LUNCHEON: 12:30–1:45 p.m.

- U.S. Department of Agriculture Funding Award Ceremony
- Keynote address by Bureau of Reclamation *Commissioner Michael L. Connor*
- Update by New Mexico *State Engineer Scott Verhines*

BREAK AND POSTER VIEWING: 1:45–2:15 p.m.

(*Doña Ana Room and West Lobby*)

PANEL DISCUSSION: 2:15 p.m.**Straight Talk: Voices of Experience from the Office of the State Engineer****Moderated by** *Senator Tom Udall***Panelists:** *John Hernandez, Eluid Martinez, Tom Turney, John D'Antonio***SESSION 3: 3:00 p.m.****Building a Plan: Best Practices****Moderated by** *Commissioner Michael L. Connor*, **Bureau of Reclamation**

- Environmental Water Transactions, *David Yargas*, National Fish and Wildlife Foundation
- Water Leasing Market Experiments, *David Brookshire*, University of New Mexico
- Rio Grande Basin Opportunities, *Lee Peters*, Peters Law Firm
- Bridging the Gap Between Future Projected Water Demand and Supply in the Middle Rio Grande
Howard Passell, Sandia National Laboratories
- NSF Water Infrastructure Engineering Research Center, *Nirmala Khandan*, New Mexico State University
- Questions and answers

SESSION 4: 4:00 p.m.**Can We Grow the Pie? Conservation and Supply Opportunities****Moderated by** *Bruce Thomson*, **University of New Mexico**

- Working Toward Net Zero, *Benny J. Tomlinson*, Fort Bliss Public Works
- Desalination Update, *Michael Gabaldon*, Bureau of Reclamation
- Watershed Restoration, *Jack Chatfield*, Canadian River Riparian Restoration Project
- Multiple Benefits of Pecos River Restoration, *Paul Tashjian*, U.S. Fish and Wildlife Service
- Salinity Control, *Fred Phillips*, New Mexico Tech
- Discussion with audience on other best practices and policy ideas

FINAL THOUGHTS: 5:25 p.m.**POSTER PRESENTATIONS AND RECEPTION: 5:30-6:30 p.m.****(Dona Aña Room)**