

Water Needs in the Next Decade

How Will Institutions Evolve to Meet Our
Water Needs in the Next Decade?



December 1-3, 2010

Corbett Center
New Mexico State University

Photo courtesy of Peggy Risner

Preliminary Program

Wednesday, December 1, 2010

1:00 – 5:00 Tour of the Brackish Groundwater National Desalination Research Facility in Alamogordo
hosted by WRI Director Karl Wood and NMSU's Institute for Energy and the Environment
Director Abbas Ghassemi

5:00 – 6:00 Reception at Fulton Center
New Mexico State University

Thursday, December 2, 2010

8:30 Welcome
Karl Wood, WRI Director
Barbara Couture, NMSU President
Tom Udall, U.S. Senator - Video Message

8:45 Tribute to Bobby J. Creel
Associate and Interim Director
WRI 1986-2010

9:00 The Future of Water Adjudications in New Mexico
Judge Jerald Valentine, Third Judicial District Court
Greg Ridgley, OSE

9:50 Sandoval County Plans for Future Growth: Rio Puerco Desalination Plant
Guy Bralley, Sandoval County

10:15 **Break**

10:45 Challenges When Combining
Mutual Domestic Organizations to Meet Community and Colonias Water Needs
Martin Lopez, Lower Rio Grande Public Water Works Authority

11:15 Interbasin Transfer Projects: Impacts on Communities and Ecosystems
Bruce Thomson, UNM

11:45 How Santa Fe Plans to Meet its Growing Water Demands
Claudia Borchert, Sangre de Cristo Water Division

12:15 **Luncheon**

The Future of Our Water Agencies: Do We Have the Right Agencies Doing the Right Things?
Bill Hume, journalist and formerly with Governor Richardson's staff

1:30 Permanent Storage at Elephant Butte: Meeting the Needs of Recreationists
Neal Brown, Marina Del Sur, Rock Canyon Marina and Damsite Resort at Elephant Butte Lake

2:00 The Benefits of Restoring Our River Ecosystems
Beth Bardwell, Audubon Society

2:30 Sustaining Rivers through Instream Flows
Steve Harris, Far Flung Adventures and Rio Grande Restoration



- 3:00 **Break**
- 3:30 Environmental Flow Issues and Science
Tom Annear, Wyoming Game and Fish Department
- 4:00 Innovations in Rural Wastewater Management - Decentralized Approach
Graham Knowles, New Mexico Environment Department

Friday, December 3, 2010

- 8:30 Increasing Institutional Resilience for Water Conservation
Frank Ward, NMSU
- 9:00 Agriculture in New Mexico
Aron Balok, Pecos Valley Artesian Conservancy District
- 9:30 Rainwater Harvesting and Recharge Techniques for Flood Control and Improved Stormwater Quality
Vaikko Allen, CONTECH Construction Products, Inc.
- 10:00 **Break**
- 10:20 The Role of Decentralized Artificial Recharge Systems in Water Resources Management
Daniel B. Stephens, DB Stephens and Associates, Inc.
- 10:50 How Do We Deal with Our Aging Structures?
Bruce Jordan, U.S. Army Corps of Engineers
- 11:10 Dealing with Aging Tribal Water Infrastructure
Derrick Lente, Middle Rio Grande Conservancy District, Pueblo of Sandia
- 11:30 Water Rights Settlement Agreements in New Mexico: Institutional Change Underway
Elizabeth Richards, Sandia National Laboratories