

# 50<sup>TH</sup> ANNUAL NEW MEXICO WATER CONFERENCE

## **NEW MEXICO WATER: PAST, PRESENT, AND FUTURE *OR* GUNS, LAWYERS, AND MONEY**

**Corbett Center Auditorium**

**Wednesday Morning Session, October 19, 2005**

- 8:15 am      Opening Remarks: Director Karl Wood, Water Resources Research Institute
- 8:30            **21ST CENTURY AGRICULTURE IN A 21ST CENTURY URBAN WORLD**  
                  Lowell B. Catlett, New Mexico State University
- 9:00            **ALBERT E. UTTON MEMORIAL WATER LECTURE**  
**2005 Utton Memorial Lecture Speaker Introduced by Tom Bahr, Former WRI Director**
- Prior Appropriation Law and Future Water Allocation:  
Preserving Water for Future Generations**  
                  Charles DuMars, Law and Resource Planning Associates, P.C.
- 9:45            Break
- 10:15          **THE BUREAU OF RECLAMATION: THE LAST 103 YEARS AND THE NEXT 47**  
                  Deputy Commissioner William E. Rinne, Bureau of Reclamation
- 11:00          **WATER POLICY IN NEW MEXICO: FROM THE CONSTITUTION AND EARLY  
STATUTES TO TODAY'S DEMANDS AND TOMORROW'S NEEDS**  
**Back to the Future: Regional Differences in New Mexico Water Rights**  
                  G. Emlen Hall, University of New Mexico School of Law  
**Historical Review of Water: Water Challenges Past and Present**  
                  Joe Stell, New Mexico Representative
- 12:00          Lunch on Your Own

**Wednesday Afternoon Session, October 19, 2005**

- 1:30      **TRIBUTE TO RALPH STUCKY, FIRST WRRI DIRECTOR**  
            John Hernandez, New Mexico State University  
            Bobby Creel, Water Resources Research Institute
- 2:00      **WATER USE PROJECTIONS: MEETING FUTURE DEMAND**  
**Long Term Demographic Uncertainty and Water Demand in New Mexico**  
            Jim Peach, New Mexico State University  
**Urban Water Pricing: A Historical Perspective and the Challenges for the Future**  
            Janie M. Chermak, University of New Mexico
- 2:30      **AGRICULTURAL WATER USE**  
**Institutional Barriers to Water Conservation in the Rio Grande Basin:**  
**Challenges and Opportunities**  
            Frank A. Ward, New Mexico State University
- 3:00      Break
- 3:30      *Panel Discussion moderated by Bill Hume, Office of the Governor*
- ECONOMIC DEVELOPMENT AND LAND USE: HOW DO WE CONTINUE TO GROW**  
**WHILE LIVING WITHIN OUR “WATER MEANS”?**  
            Janet Jarratt, Middle Rio Grande Conservancy District farmer  
            Tom Phillips, Bureau of Land Management  
            James Rivera, Pueblo of Pojoaque  
            David Steinborn, Real Estate Developer, Las Cruces  
            Karyn Stockdale, Trust for Public Lands  
            John Stomp, City of Albuquerque
- 6:00      Dinner at Corbett Center Ballrooms (3<sup>rd</sup> Floor)  
            Entertainment by Baxter Black, Cowboy Poet

## Thursday Morning Session, October 20, 2005

- 8:15      **WATER QUALITY: THE LOOMING CRISIS**  
**The Two Q's: The Connection between Water Quality and Water Quantity**  
Ron Curry, New Mexico Environment Department  
**Creating Effective Source Water Protection through Regional Collaboration**  
Matt Holmes, New Mexico Rural Water Association
- 9:15      **NEW MEXICO'S EXPERIENCE WITH INTERSTATE WATER AGREEMENTS**  
Tanya Trujillo and Estevan López, New Mexico Interstate Stream Commission
- 10:15      Break
- 10:30      **WATER MANAGEMENT IN NEW MEXICO**  
**Managing Water in New Mexico**, John D'Antonio, Office of the State Engineer  
**Active Water Resource Management in the Lower Rio Grande: Adapting to Basin Requirements**, Phil King, New Mexico State University  
**Adjudications: Getting to "Finished"**, Judge Jerald A. Valentine, Third Judicial District Court  
**Indian Water Rights Settlements - Bringing Certainty to Uncertain Water Resources**, Stanley Pollack, Navajo Nation
- 12:00      Luncheon at Corbett Center  
**PERSONAL REFLECTIONS ON THE WRII PROGRAM**  
Tom Bahr, Former WRII Director

## Thursday Afternoon Session, October 20, 2005

- 1:30      **WATER MARKETS**  
**How Voluntary Transfers Can Be Structured to Address Community, Environmental and Other Third Party Concerns**  
Bonnie Colby, University of Arizona  
**Western Water Markets and Price Diversity**  
Ari M. Michelsen, Texas A&M and  
Thomas Brown, U.S. Forest Service, Rocky Mountain Research Station
- 2:30      **WATER DEVELOPMENT: IS THERE REALLY "NEW WATER" OUT THERE?**  
**Regional Trends in the Use and Reuse of Impaired Waters**  
Mike Hightower and Rich Kottenstette, Sandia National Laboratories and  
Larry Webb, City of Rio Rancho  
**El Paso's Municipal Reclaimed Water Program**  
David O. Ornelas, El Paso Water Utilities
- 3:00      **ENVIRONMENTAL AND ECOLOGICAL ISSUES: HISTORY AND FUTURE OF ESA, NEPA, AND THE CLEAN WATER ACT**  
Sterling Grogan, Middle Rio Grande Conservancy District
- 3:30      Adjourn