

# 40TH ANNUAL NEW MEXICO WATER CONFERENCE

## REACHING THE LIMITS: STRETCHING THE RESOURCES OF THE LOWER RIO GRANDE

October 26-27, 1995  
Las Cruces Hilton  
Las Cruces, New Mexico

### PROGRAM

#### Thursday morning, October 26

- 8:30 a.m.      **Opening Remarks**  
**Tom Bahr, New Mexico Water Resources Research Institute**
- 8:50 a.m.      **40th Annual New Mexico Water Conference Keynote Address**  
**Governor Gary Johnson, State of New Mexico**
- 9:20 a.m.      **The Developers: Controlling the Lower Rio Grande 1890-1980**  
**Linda G. Harris, Arroyo Press**
- 9:40 a.m.      **Water Development in the Lower Rio Grande: The Elephant Butte Irrigation District**  
**Gary Esslinger, Elephant Butte Irrigation District**
- 10:00 a.m.     **The Mesilla Valley: A Century of Water Resources Investigations**  
**Francis West, Geohydrologist**
- 10:20 a.m.     **Break**
- 10:30 a.m.     **Population Projections for Doña Ana, El Paso and Hudspeth Counties and Ciudad Juárez**  
**Jim Peach, New Mexico State University**
- 10:45 a.m.     **United States-Mexico Border Geographic Information System**  
**Robert J. Czerniak and David Garber, New Mexico State University**
- 11:00 a.m.     **Local Water Planning Issues**  
**Ken Needham, City of Las Cruces**  
**Brent Westmoreland, Doña Ana County**  
**Owen Lockwood, New Mexico State University**

#### Thursday afternoon, October 26

- 1:30 p.m.      **General Geology and Groundwater Occurrence of the El Paso Area**  
**John W. Hawley, New Mexico Bureau of Mines and Mineral Resources**  
**Tom Cliett, Tom Cliett and Associates, Inc., Groundwater Consultants**
- 2:00 p.m.      **Modeling Ground and Surface Water Interactions**  
**Tom Maddock, University of Arizona**

- 2:30 p.m.      **New Mexico/Texas Water Commission: Working Together to Share the Resources**  
**Tom Bahr, New Mexico Water Resources Research Institute**  
**Ed Archuleta, El Paso Water Utilities Public Service Board**
- 3:30 p.m.      **Break**
- 3:45 p.m.      **Federal Initiatives Along the Border**  
**Marvin Waters, U.S. Environment Protection Agency**
- 4:15 p.m.      **Recovering the Rio Grande Silvery Minnow**  
**Jeff Whitney, U.S. Fish and Wildlife Service**
- 4:40 p.m.      **Bringing Back the River: A Vision for the Rio Grande's Future**  
**Kevin Bixby, Southwest Environmental Center**
- 7:00 p.m.      **Dinner Banquet**  
**Lowell Catlett, New Mexico State University**

**Friday morning, October 27**

- 8:15 a.m.      **Welcome**  
**J. Michael Orenduff, President, New Mexico State University**
- 8:30 a.m.      **Planning for New Mexico's Water Future**  
**Thomas C. Turney, New Mexico State Engineer Office**
- 9:00 a.m.      **Regional Water Issues for the Lower Rio Grande: Water Managers Panel**  
**Risher Smith Gilbert (moderator), Mounce and Galatzan, P.C.**  
**Garry Rowe, U.S. Bureau of Reclamation**  
**Jack Hammond, Rio Grande Compact Commission**  
**Tom Brown, Texas Water Development Board**  
**Ed Archuleta, El Paso Water Utilities Public Service Board**  
**Ken Needham, City of Las Cruces**  
**Gary Esslinger, Elephant Butte Irrigation District**  
**Edd Fifer, El Paso Water Improvement District #1**  
**Thomas C. Turney, New Mexico State Engineer Office**  
**Cruz Ito, U.S. Section, International Boundary and Water Commission**
- 10:15 a.m.      **Break**
- 10:30 a.m.      **Regional Water Issues for the Lower Rio Grande: Elected Water Policy Makers Panel**  
**Chuck DuMars (moderator), University of New Mexico School of Law**  
**Woodrow Gary, Elephant Butte Irrigation District**  
**John Haltom, Las Cruces City Council**  
**G. X. McSherry, New Mexico State Representative**  
**Ken Miyagishima, Doña Ana County Commission**  
**William (Bill) Porter, New Mexico State Representative**
- 12:00 p.m.      **Closing Remarks**  
**Tom Bahr, New Mexico Water Resources Research Institute**