

Program

New Mexico's Water Future: Connecting Stakeholder Needs to Water Information

La Fonda on the Plaza, Santa Fe
November 18-19, 2014

Tuesday, November 18

- 8:15 New Mexico's Statewide Water Assessment: Data Collection and Delivery to Meet Stakeholder Needs
[Sam Fernald](#), NM WRRI Director
- 8:35 Water Update by the New Mexico State Engineer
[Scott Verhines](#), New Mexico State Engineer
- 8:55 Stakeholder Panel: Large-scale Water Users (Moderated by Sam Fernald)
- Irrigated agriculture: [Bill Netherlin](#), Pecos Valley Artesian Conservancy District
 - Urban: [John Stomp](#), Albuquerque Bernalillo County Water Utility Authority
 - Large utility: [Andrew Erdmann](#), City of Santa Fe
 - Manufacturing, commercial and industrial: [Dale Dekker](#), Dekker, Perich, Sabatini Architects Engineers and Planners
 - Regional water planning/economic development: [Raymond Mondragon](#), Eastern Plains Council of Governments
- 9:55 Break
- 10:15 Statewide Water Assessment Researcher Panel (Moderated by Bruce Thomson)
- A dynamic statewide water budget for New Mexico by river basin: [Jesse Roach](#), Tetra Tech, Inc.
 - Assessment of spatiotemporal groundwater level changes throughout NM: [KC Carroll](#), NMSU
 - Surface-water inflow, outflow, gains, and losses in New Mexico: [Mark Gunn](#), USGS, Albuquerque
 - Comparison of precipitation and evapotranspiration products for the Statewide Water Assessment: [Tom Schmugge](#), NM WRRI
 - Recharge data compilation and recharge area identification for New Mexico: [Fred Phillips](#), NM Tech
- 11:25 How Agencies in New Mexico Will Contribute to the Statewide Water Assessment (Moderated by Bruce Thomson)
- Office of the State Engineer: [Michael Johnson](#)
 - Bureau of Reclamation: [Dagmar Llewellyn](#)
 - U.S. Army Corps of Engineers: [Ryan Gronewold](#)
 - New Mexico Environment Department: [James Hogan](#)
- 12:15 Luncheon
- 2014 Albert E. Utton Memorial Water Lecture
[John W. Hawley](#), Emeritus Senior Environmental Geologist (Introduction by John Shomaker)
Frontiers in Groundwater Resource Exploitation (Mining) in Basins of the Rio Grande Rift-
Prediction Science from the Perspective of 6000 Years of Recorded Human History

- 1:45 Community Stakeholder Panel: Inputs to New Mexico's Water System and Stakeholder Needs from a Statewide Water Assessment
- Alamogordo: [Eddie Livingston](#), Livingston and Associates
 - City of Las Vegas: [Kevin Garcia](#), Utilities
 - Assessing Environmental and Nature Tourism Water Needs: [Steve Harris](#), Rio Grande Restoration
 - Oil and Gas: [Steve Henke](#), New Mexico Oil and Gas Association
 - Alcalde Acequia Commission: [Lucia Sanchez](#), Rio Arriba County
 - Ranching: [Jose Varela Lopez](#), New Mexico Cattle Growers' Association

Introductions by Laura Bexfield

- 2:55 Regional Water Budget Model: The Middle Rio Grande
[Bruce Thomson](#), Retired, UNM
- 3:15 Groundwater Level and Storage Changes - Regions of New Mexico
[Stacy Timmons](#), NM Bureau of Geology and Mineral Resources, NM Tech
- 3:35 Break
- 4:00 Water for Ranching, Agriculture, and Communities in New Mexico's Tribes and Pueblos
[Arthur Allison](#), New Mexico Secretary of Indian Affairs
- 4:20 The Role of Water in New Mexico's Economic Development
[Jon Barela](#), New Mexico Secretary for Economic Development
- 4:40 Groundwater Depletion Across the U.S. and How We Measure It
[William Cunningham](#), Chief, U.S. Geological Survey, Office of Groundwater

Wednesday, November 19

- 8:15 Legislative and Policy Perspective
[Senator Mary Kay Papan](#), New Mexico Senate President Pro Tempore
- 8:40 Water: What Can Our Future Hold?
[Heather Balas](#), New Mexico First
- 9:00 Identification of Law and Policy Options for Best Water Management Practices
[Adrian Oglesby](#), Utton Transboundary Resources Center, UNM
- 9:30 Poster Session
New Mexico Room

Introductions by Erin Ward

- 11:15 Brackish and Saline Groundwater in New Mexico - - ?
[John Shomaker](#), Shomaker and Associates, Inc.
- 11:35 Characterization of Produced Water in New Mexico: the NM WAIDS Database
[Martha Cather](#), Petroleum Recovery Research Center, NM Tech

Noon Luncheon

New Mexico Universities Working Group on Climate Variability (Moderated by J. Phillip King)

- [Janie Chermak](#), Professor and Chair, Department of Economics, UNM
- [David Gutzler](#), Professor, Department of Earth and Planetary Sciences, UNM
- [Peggy Johnson](#), Principal Hydrologist, NM Bureau of Geology and Mineral Resources, NM Tech
- [J. Phillip King](#), John Clark Professor and Associate Head, Department of Civil Engineering, NMSU
- [Lee Reynis](#), Director, Bureau of Business & Economic Research, UNM

