

## Brackish Groundwater National Desalination Research Facility (BGNDRF) Newsletter



**From the Manager:** We are pleased to present the first issue of our periodic newsletter. It is designed to be a brief, information-filled page that will be of interest to our customers and friends. Feedback is welcome. Please contact me at (575) 443-6553 or email me at: [rshaw@usbr.gov](mailto:rshaw@usbr.gov).  
Best Regards, Randy Shaw, PE

### New Water New Energy Conference

**Purpose:** To identify U.S. research needs concerning inland, small-scale, low-cost rural brackish desalination research projects using renewable energy such as solar, wind and geothermal sources.

**Where:** Sgt. Willie Estrada Memorial Civic Center, Alamogordo, NM

**When:** December 13-14, 2011

#### Key Speakers:

**Michael L. Connor**- Commissioner, Bureau of Reclamation (Reclamation) (Invited)

**Dr. Guillermo Zaragoza**- Senior scientist, Plataforma Solar de Almeria- (largest center for solar research, development and technologies in Europe)

**Dr. Bekele Debele**- Senior Water Resources Specialist at World Bank

**Dr. Joseph Jacangelo**- Vice President and Director of Research for MWH

**David Furukawa**- Chief Scientific Officer, National Center of Excellence in Desalination, Australia

#### Agenda:

- Keynote Speakers
- Tours of BGNDRF
- Break out sessions/Plenary Sessions
- Posters and Oral Presentations
- Vote on top two proposed projects
- Initial Summary by Kevin Price, Reclamation

#### Registration and more information:

<http://wrii.research.nmsu.edu/Home>

### Current Research at BGNDRF

**NMSU/GE:** Electro-Dialysis Reversal (EDR) and Pulsated Electro-Dialysis (PED)

**UTEP/Dr. Tarquin:** Batch-Treatment SWRO system

#### Coming Soon to BGNDRF

**UTEP/Veolia:** Zero Discharge Desalination (ZDD)

**UNR:** Pressure Retarded Osmosis

**Suns-River:** Solar Distillation

**NMSU/GE:** Reverse Osmosis Nano-Filtration Intergrated with EDR

### BGNDRF BEING



**Lara N. Riele**  
Office Automation  
Assistant

With BGNDRF since  
January 31, 2011

Lara hails to us from Greene, Maine. She is prior Air Force, serving our country for almost 11 years. Lara has taken on not only her office automation duties but has developed safety and environmental programs for the BGNDRF facility. Her expertise from the military has been invaluable to the implementation of these programs at BGNDRF.