

Brackish Groundwater National Desalination Research Facility (BGNDRF) Newsletter



From the Manager: We are pleased to present another 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.
Kind Regards, Randy Shaw, PE

The Desal Prize is Now Accepting Applications – Grand Prize \$250,000

Coinciding with World Water Day, the United States Agency for International Development (USAID), the Swedish International Development Agency, and the Ministry of Foreign Affairs of the Kingdom of the Netherlands announced the Desal Prize. This is a competition that incentivizes the creation of environmentally sustainable, small-scale, brackish water, desalination technologies that can provide potable water for humans as well as agriculture in developing countries.

The 3 phases of competition are:

- Phase 1: Application Submission (6/16 to 8/1/2014) and Semi-finalists Announced (October 2014)
- Phase 2: First Technological Demonstration at **BGNDRF** (4/7 to 4/12/2015) and Finalists Announced (May 2015)
- Phase 3: Second Technological Demonstration in Jordan (9/6 to 9/11/2015) and Winner Announced (October 2015)

Prize money will be awarded to the winners as follows:

- Grand Prize: \$250,000
- Second Place: \$100,000
- Third Place: \$50,000

Semi-finalists will receive \$6,500 and finalists \$5,000 in seed money for technology development. Both semi-finalists and finalists will be reimbursed up to \$5,000 for travel and shipment related expenses.

For all of the details and the online application visit: www.thedesalprize.org

Current Research at BGNDRF

- EDR Power Consumption Research (NMSU)
- RO/NF Power Consumption Research (NMSU)
- Radial Deionization Pilot Testing (Danlin with Atlantis Technologies)
- Solar Distillation Pilot Testing (KII, Inc.)
- FO Pilot Testing (Oasys Water)
- Advanced Hydro's Automated Flexible UF RO (USBR)

Upcoming Research at BGNDRF

- EDR Segmented Electrode Research (NMSU)
- Irrigation of Halophytes with RO Concentrate (University of Arizona)
- Ion Exchange "Knew Process" Pilot Testing (Trailblazer Technologies)

For More Information about BGNDRF: <http://www.usbr.gov/research/AWT/BGNDRF/index.html>