

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.
Randy Shaw, PE

BGNDRF 1st Annual WIN Workshop

The Bureau of Reclamation is proud to announce the 1st Annual WIN Workshop. WIN is an acronym for **W**ater treatment **I**nnovations and **N**etworking. The goal of the workshop is to allow clients of BGNDRF the opportunity to share their work with a broader audience in a rich environment for networking with potential customers, investors, partners and other interested parties. Participants will have the opportunity to get a first-hand look at BGNDRF and what we have to offer for technology development, validation testing, demonstration testing etc.

The event is a 1-day event on Wednesday, September 19, 2018 at BGNDRF. It will start at 8:30 am and end at 5:30 pm with a 1 hour lunch break. A half hour will be set aside for 3 minute pitches from the audience. A social hour and dinner will be held at 6:30 pm at a local restaurant the evening following the event. Tours of the facility will be held from 4:00 – 6:00 pm on the day preceding the event and from 8:00 – 10:00 am on the day following the event.

Presentations:

- Dr. Nirmal Khandan, NMSU – Potable Water Recovery Using an Integrated Algal-Osmosis Membrane System
- Dr. Lee Clapp, Omya – Reverse Osmosis (RO) Post Treatment
- Yuliana Porras-Mendoza, USBR – Funding Opportunities Through the Bureau of Reclamation
- Dr. Miguel Acevedo, University of North Texas – Wind and Solar Desal for Small Scale Ag and Potable Water
- Dr. Eugene Rozenbaum, LG Chem – Brackish Water RO Membranes
- Dr. Pei Xu, NMSU – Selective and Anti-fouling Ion-Exchange Membranes for Water Reuse and Desalination
- Zetdi Sloan, NMSU Arrowhead Technology Incubator – Accelerating and Funding Innovation in New Mexico
- Dr. Chad Unrau, Magna Imperio Systems – END Electro-Desalination
- Brett Danson, Global Environmental Legacy Foundation – From Lab to Pilot to Full System with GELF Membership
- Andrew Schevets, Amorphous Tech Ltd – Development of Low-Cost Energy Recovery for Brackish Water RO
- Dr. Mona Elshinawy, NMSU – The 29th Annual NMSU Environmental Design Contest
- Dr. Pei Xu, NMSU – Non-chemical Pretreatment for Membrane Scaling Control During Brackish Water Desalination
- Mike Hightower, University of New Mexico – Update on the New Mexico Desalination Association
- Dr. Oara Neumann, Rice University NEWT – Nanophotonics Assisted Solar Water Purification
- Joe Cresko, DOE – DOE Desalination Bandwidth Study and Desal Hub Update
- Presentation by MIT – Photovoltaic Integration with Electrodialysis (TENTATIVE)

All attendees will need to RSVP. Please go to [Eventbrite.com](https://www.eventbrite.com) and search on “BGNDRF WIN”. Click on the link and obtain your ticket. Seating may be limited and will be available to ticket holders on a first come first serve basis. For more information go to the WIN website (<https://www.usbr.gov/research/bgndrf/win.html>).

We look forward to seeing you in September!