

Opportunities for Collaborative Research between NMSU and Reclamation
Building Working Relationships and Discovering Capabilities Among NMSU Scientists
Working on Impaired Water

AGENDA

October 5, 2015

- 9:00 a.m. **Welcome and Introductions**
- Call to Order – NM WRRRI Director Sam Fernald
 - Opening Remarks – NMSU Vice President for Research Vimal Chaitanya
 - Sponsor Welcome – Reclamation Chief of Research and Development Levi Brekke
- 9:45 **Workshop Introduction and Objectives**, NM WRRRI Director Sam Fernald
- 10:00 **Break**
- 10:30 **Recently Funded Research**
- *Design of Pyrolyzer-Desalination Unit Interface for Distributed Biochar and Clean Water Production*, Catherine Brewer, NMSU
 - *Producing Polymeric Membranes for Ultrafiltration by Water/Oil/Surfactant Templating*, Reza Foudazi, NMSU
 - *Desalination Concentrate Management for Sustainable Agriculture: A Preliminary Study on Transport Behavior and Plant Viability at BGNDRF*, Manoj Shukla, NMSU
 - *Optimization of Algae Growth Using Concentrate*, Jalal Rastegary, NMSU
- 12:00 - 1:00 p.m. **Lunch** (provided)
- 1:00 **Reclamation Advanced Water Treatment Research Program Overview**
Yuliana Porras Mendoza, Reclamation
- 1:45 **NMSU Technology Commercialization Program**
NMSU Arrowhead Center
- 2:30 **Panel Discussion**
- 3:00 **Break**
- 3:30 **Group discussions on project ideas by focus area**
- 4:15 **Report on group discussions**
- 4:30 **Wrap-up and next steps**

October 6, 2015

- 9:00 a.m. **Tour participants meet at NMSU/WRRRI parking lot** (Stucky Hall, 3170 S. Espina St)
- 9:15 **Travel to Brackish Groundwater National Desalination Research Facility (BGNDRF)**
500 LaVelle Road, Alamogordo
- 10:45 **Welcome** –BGNDRF Manager Randy Shaw
- 11:00 **Tour of BGNDRF**
- 11:45 **Break**
- 12:00 **Box Lunch (provided) and discussion**