



MUNICIPAL RESOURCE RECOVERY

THE WATER-ENERGY NEXUS

LECTURE SERIES

Friday, July 19th, 2019 - 8:00 A.M. – 2:30 P.M.

Tower II, San Antonio Water Systems



THE 9TH ANNUAL W. WESLEY ECKENFELDER LECTURE

The Eckenfelder Lecture Series was developed to honor Dr. W. Wesley Eckenfelder's distinguished career as an environmental trailblazer spanning more than 60 years, during which time he taught and trained thousands of graduate and undergraduate students and professionals in the art and science of wastewater treatment.

EVENT SCHEDULE

- 8:00 am Registration, Continental Breakfast, Coffee
- 8:30 am Welcome by WEAT Officer
- 8:45 am Recycled Water Program Conversion- Pablo Martinez, SAWS
- 9:30 am The Role of Enhanced Shale Oil & Gas Recovery in the US & Development & Pricing of Significant Potential Shale Production in Other Countries Such as South America, Canada, & Europe/Asia- Davis L. Ford
- 10:15 am Break
- 10:30 am Electro- and Chemical Coagulation for Suspended Solids and Boron Removal from Hydraulic Fracturing Produced Waters- Shankar Chellam, Ph.D.
- 11:15 am Treating produced water for recycle and reuse- Mahdi Malmali, Ph.D.
- 12:00 pm Lunch
- 1:00 pm Treat-to-need desalination: Utilizing membrane processes to achieve the useful water while minimizing energy use and waste stream production- Malynda Capelle, Ph.D.
- 1:45 pm Pharmaceuticals and Other Compounds of Emerging Concern: An Overview and an Assessment- Rajendra Bhattarai
- 2:30 pm Adjourn

REGISTRATION - WEAT.org

A continental breakfast and lunch will be provided. 4.5 hours of wastewater CEUs have been requested through TCEQ.