

Pei Xu, Ph.D.

Comparative Assessment of Reverse Osmosis Membranes for Treatment and Reuse of Produced Water in San Juan Basin.

Dr. Pei Xu is a professor in the Department of Civil and Environmental Engineering at the New Mexico State University, and the research director of the New Mexico Produced Water Research Consortium. Her research focuses on water reuse, desalination, membrane processes, nanomaterials, produced water treatment and reuse, resources recovery and brine valorization. The goal of her research is to address critical water shortage challenges in arid and semi-arid regions. She was selected by the American Association for the Advancement of Science as a Leshner Fellow on Food and Water Security, and PESCO Endowed Professor at NMSU.