

Jeri L. Prante, E.I.
Staff Engineer

Professional Experience

Ms. Prante is a civil and environmental engineer with six years of academic and professional engineering experience. Her areas of expertise include water and wastewater treatment, fate and transport of chemicals in the environment, water quality, and membrane technology. Her responsibilities include various work products such as reports, correspondence, and permits as well as field activities including groundwater sampling, oversight of drilling activities, and oversight of remedial activities.

Selected Project Experience

Membrane Technology Research – University of Nevada, Reno – Ms. Prante worked on a multi-disciplinary team to develop the first integrated reverse osmosis and pressure-retarded osmosis pilot system of its kind. Ms. Prante was responsible for designing, constructing, and testing the system which included developing and implementing sampling plans, interpreting data, producing technical reports, presenting findings at multiple professional conferences, and publishing to scientific journals.

Education

M.S., Civil and Environmental Engineering, University of Nevada, Reno, 2013.

B.S., Civil Engineering, University of Texas at Austin, 2010.

Certifications and Registrations

Engineer in Training, EIT#44798.

OSHA Hazwoper 40 Hour Certification.

Adult First Aid/CPR/AED Certification.

Publications

Prante, J.L., Ruskowitz, J., Childress, A.E., Achilli, A., RO-PRO Desalination: An integrated low-energy approach to seawater desalination, *Applied Energy*, March 2014.

Achilli, A., **Prante, J.L.**, Hancock, N.T., Maxwell, E.B., Childress, A.E., Experimental Results from RO-PRO: A Next Generation System for Low-Energy Desalination, *Environmental Science and Technology*, Accepted.

Affiliations

Member of the American Society of Civil Engineers (ASCE) Southern Nevada Branch

Member of the Society of Women Engineers (SWE)

Member of the American Water Works Association (AWWA) California/Nevada Chapter

Member of the U.S. Green Building Council (USGBC) Nevada Chapter