

Environmental and Water Resources Engineering Seminar Series Presents:

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Water Forward: Reuse Strategies

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Abstract

Water Forward is Austin's 100-year integrated water resources plan. Austin Water uses climate modeling, demand projections, and adaptive management principles to develop strategies to meet Austin's future water needs. Reclaimed water and onsite water reuse are key strategies that reduce demand on the drinking water system and extend our water supply both long-term and to bridge times of drought. This presentation will provide an overview of Water Forward and an update on the implementation of reclaimed water and onsite water reuse across Austin for non-drinking water uses such as irrigation, cooling, and toilet flushing.



Background

Shay Ralls Roalson P.E. is the Director of Austin Water and has over 30 years of experience working with water utilities on the planning, design, and construction of complex water and wastewater infrastructure projects. She is a member of the Academy of Distinguished Alumni of the Maseeh Department of Civil, Architectural and Environmental Engineering at the University of Texas at Austin and a past Chair of the Texas Section of the American Water Works Association. Shay received a Bachelor of Engineering degree from Vanderbilt University and a Master of Science degree from the University of Texas at Austin.

