Environmental and Water Resources Engineering and Center for Water and the Environment Seminar Series Presents:

Thursday, October 2nd 2025, 3:30-4:30 pm, ECJ 1.324

Zoom Link: https://utexas.zoom.us/j/88522939494

Geosyntec Overview: Collaborative Research, Green Infrastructure, and Stream Restoration Projects

Brandon Klenzendorf and Olivia Bramlet

Geosyntec

This presentation will provide an overview of Geosyntec, summary of green infrastructure and stream restoration projects, and collaborative research with UT EWRE. Speakers will describe a previous modeling project which focused on green infrastructure for flood mitigation and water quality improvements and is currently being used as part of ongoing EWRE research project. Additionally, we will provide an overview of a future project related to the I-35 construction project and treatment of stormwater runoff which will be a defining project within our city. The objective of this presentation is to provide examples of innovative projects around Austin as well as opportunities for continued research after graduation. The speakers encourage interaction and will be happy to answer questions about consulting and career advice.

About The Presenters

Olivia Bramlet

Project Engineer, Geosyntec

Olivia Bramlet, P.E., is Project Engineer with over 6 years of experience in specializing in nature-based stormwater management, drainage master plans, H&H modeling/design, stream restoration, and development of civil drainage/grading plans. She is passionate about integrating urban environments with natural systems to provide multi-benefits that enhance communities and recreation, provide flood and erosion control, and improve the health of water systems. She is also a Texas Master Naturalist and Texas Water Specialist.

Brandon Klenzendorf

Principal Engineer, Geosyntec

Brandon Klenzendorf, PhD, P.E., is a Principal Engineer specializing in water resources and environmental engineering with over 15 years of professional experience and leads Geosyntec's Austin water practice. Brandon's practice focuses on modeling and design of stormwater management facilities for both water quality and flood mitigation purposes, particularly in retrofit situations. He previously served as an adjunct professor at UT teaching the senior-level Hydraulic Engineering Design course and continues to collaborate with UT researchers when possible.

EWRE Seminar Committee Members: Abby Chapman, Becky Cantrell, Connor Coolidge, Julia Barkelew, Tzu-An Lee