

# Environmental and Water Resources Engineering, and the Center for Water and Environment Seminar Series Schedule:

Thursdays, 3:30-4:30pm, ECJ 1.324



Zoom Link: <https://utexas.zoom.us/j/94105241294>

Date	Speaker and Topic
1/23/25	<b>Sara Santos</b> , Distinguished Postdoctorate Fellow at UT Institute for Geophysics Shrimp as a model organism for Bio-inspired Underwater vehicles
1/30/25	<b>Kade Kearney, McKayla DePaolis, Eric Kong</b> Transitioning from graduate school to industry – Q&A Panel
2/6/25	<b>Loren Cressler</b> of the UT Career Development Center CV/Resume workshop – Bring your CV!
2/13/25	<b>Dr. Courtney Gardner, Dr. Xavi Fonoll Almansa, Dr. Jun-Whan Lee</b> Transitioning from graduate school to professorship – Q&A Panel
2/20/25	<b>Saraf Islam Promi</b> - Biodegradability of Dissolved Pyrogenic Organic Matter in Aquatic Systems to Elucidate the Wildfire Effect on Biogeochemical Cycling, Microbial Community and Ecosystem Function <b>Armando Ulises Santos Cruz</b> - Efficient Coastal Flood-Inundation Mapping Using Machine Learning-Enhanced Static Model
2/27/25	<b>Gautum Kunwar</b> - Assessing the Link between Water System Violations and Public Health Outcomes <b>Xinxin Sui</b> - Urbanization's Impact on Rainfall
3/6/25	<b>Wonhyun Lee</b> , Hosted by Dr. Jun-Whan Lee Research Assistant Professor, UT Bureau of Economic Geology
3/13/25	<b>Eric Jenkins</b> -Investigation on the Effects of Nitrogen-Reducing Treatment Units for On-Site Sewage Facilities in the City of Austin <b>Shenyi Dai</b> - Studying the TCE Transformation and Iron Distribution in Low Permeability Clay Zones for Improved Assessment of TCE Impacts to Groundwater
3/20/25	Spring Break!
3/27/25	<b>Yifan Huang</b> - Optimization of Sensor Selection and Placement for State Estimation in Water Distribution System <b>Julia McGuire</b> - Evaluation of a Novel Integrated Ceramic Membrane/Hollow Fiber Membrane Contactor Process for Produced Water Reuse
4/3/25	<b>Dr. Joan Rose</b> , Hosted by Dr. Mary Kirisits Professor, Michigan State University HE Nowlin Chair Water Research
4/10/25	<b>Dr. Christian Guzman</b> , Hosted by Dr. Blair Johnson Assistant Professor, University of Massachusetts
4/17/25	<b>Azalea Norwood</b> - Modeling Floodplain Hydrodynamics Across Scales: Addressing model resolution, riparian vegetation, and computational efficiency. <b>Hiromu Koyama</b> – Enhancement of ice melt in isotropic turbulence
4/24/25	<b>Dr. Paige Novak</b> , Hosted by Dr. Courtney Gardner Department Head & Joseph T. and Rose S. Ling Chair in Environmental Engineering, University of Minnesota