Research Seminar Series



Analyzing the Misson Bay, CA Water Microbiome Across Space and Time to Investigate Urban Impacts on Wetland Ecosystems

Dr. Elinne Becket

Every drop of coastal water contains thousands of microbes that quietly regulate ecosystem health. But what happens when urbanization disrupts these communities? In this talk, we'll dive into Mission Bay, San Diego, to uncover how microbial life changes across different locations and seasons. Integrating DNA sequencing and environmental data in collaboration with San Diego Coastkeeper, this research investigates how human activity leaves a biological imprint in the water. Through these efforts, we hope not only to advance our understanding of coastal ecosystems, but also to support real-world efforts in improving water quality and protecting public health.

April 7, 2026 - ACD 102

12:00 PM to 12:50 PM

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