

Assessing the impact of tropical storms on water quality

Dr. Youneng Tang's group offers an undergraduate research opportunity in the area of environmental engineering. The student will be mentored by a graduate student and an associate professor to evaluate the impact of tropical storms on water quality. The representative water quality parameter is 1,4-dioxane, which is a contaminant of emerging concern. It was found above the health-based reference level in 6.9% of the U.S. public water supplies. The student will learn to take groundwater and surface water samples and then measure the 1,4-dioxane concentrations in the water samples.

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