



Environmental Sciences Graduate Program Student Seminar Series

Climate Change Indicators' Effects on Mosquito Disease Prevalence

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March 12th, 2021 | 2:00-3:00 PM

Join Zoom Meeting

<https://osu.zoom.us/j/99820921442?pwd=d3hpTS9wYnc2Z29uZDR4NE4wNy81UT09>

Meeting ID: 998 2092 1442



Abstract

One way we can measure climate change is by looking at climate change indicators. Three of the most commonly discussed and studied indicators are precipitation, relative humidity, and temperature. But these aren't only affecting climate, they are affecting other aspects of our environment as well. Using publicly available NEON Science data, this project looks at these three indicators' effects on mosquito abundance and subsequently mosquito borne disease. This presentation will give an update of the current work of the project and what we hope to accomplish.