


HABs, Hypoxia, and Nutrients Research Webinar Series

Health Effects and Ecology of Anatoxin-Producing Cyanobacteria

November 20, 2024, from 2 to 3 p.m. ET



A certificate of
attendance will
be offered for
this webinar

Registration: https://us02web.zoom.us/webinar/register/1017110679139/WN_yc4OG-bVQ-ymJyU55-sOJw

HABs: Toxicity and Health Effects of Anatoxin-A

Donna Hill, EPA Office of Research and Development

This presentation will provide a research update on anatoxin health effects in mice from a toxicokinetic study and a 5-day oral exposure. It will also discuss samples of liver and brain, which have been submitted for RNA transcriptome analysis with results expected January 2025.

Insights into Benthic Cyanobacteria Ecology and Anatoxin Production

Susie Wood, Lincoln University, New Zealand

This presentation will provide an overview of benthic cyanobacteria producers and their ecology. It will also describe outreach efforts towards spreading awareness about anatoxin in waters to protect the health and safety of communities and their pets.

Presenters



Donna Hill

EPA Office of Research and Development

Donna Hill works in the Office of Research and Development at US EPA in Research Triangle Park, North Carolina. For twelve years, she has been studying the health effects of cyanotoxins in mice which include projects with cylindrospermopsin, microcystins, and most currently, anatoxin-a..



Susie Wood

Lincoln University, New Zealand

Susie Wood is co-director of the Waterways Centre, and a Professor at Lincoln University (New Zealand). She has worked for nearly two decades on both planktonic and benthic cyanobacteria ecology and toxin production.