

# Occurrence and Effects of Harmful Algal Blooms in Fish and Shellfish

March 22<sup>nd</sup> 2022

12:00 – 4:00 PM ET | 11 AM – 3 PM CT

10 AM – 2 PM MT | 9 AM – 1 PM PT

A webinar hosted by U.S. EPA, Office of Water,  
Office of Science and Technology



Photo by Dr. Lorraine Backer, CDC (2002)

## Agenda

### Webinar Goals

Share information on the occurrence and impacts of HABs in fresh and marine fish and shellfish.

Learn about ways to protect human health and the environment from the risks of HABs and their toxins.

### Microsoft Teams Meeting

This is a **free** webinar and **no** registration is needed.

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+1 757-578-1812,  
748650441#

United States, Virginia Beach

Phone Conference ID:  
748 650 441#

### Session 1: Occurrence and Effects of CyanoHABs in Freshwater Fish and Shellfish

12:00 – 12:10 PM	<b>Welcome and Logistics</b> <i>Lesley D'Anglada, Dr.P.H.</i> U.S. EPA, Office of Science and Technology
12:10 – 12:40 PM	<b>Cyanotoxins in Freshwater Fish and Shellfish, Risk Assessment and Management</b> <i>Bastiaan Ibelings, Ph.D.</i> University of Geneva
12:40 – 1:10 PM	<b>Cyanotoxins in California's Fish and Shellfish: Current Framework and Future Opportunities</b> <i>Becky Stanton, Ph.D.</i> Office of Environmental Health Hazard Assessment, CA
1:10 – 1:40 PM	<b>Clear Lake Cyanotoxins Monitoring Program: Toxins and Tribal Beneficial Uses</b> <i>Sarah Ryan</i> Big Valley Band of Pomo Indians, Lakeport, CA
1:40 – 2:00 PM	<b>Update U.S. EPA Office of Research and Development's Research Planning for Cyanotoxin Detection Methods in Tissues and Other Matrices</b> <i>Toby Sanan, Ph.D.</i> Office of Research and Development

### 2:00-2:10 PM Break and Polling Questions

### Session 2: Occurrence and Effects of HABs in Estuarine and Marine Fish and Shellfish

2:10– 2:40 PM	<b>Overview of Marine Toxins in Fish and Shellfish</b> <i>Vera Trainer, Ph.D.</i> Northwest Fisheries Science Center, NOAA
2:40 – 3:10 PM	<b>Anatoxin-A in Sea Figs Associated with Human Food Poisonings in France</b> <i>Ronel Bire, Ph.D.</i> French Agency for Food, Environmental and Occupational Health and Safety
3:10 – 3:40 PM	<b>Freshwater Cyanotoxins: A Threat to Marine Food Security</b> <i>Misty Peacock, Ph.D.</i> Northwest Indian College
3:40 – 4:00 PM	<b>Discussion</b>
4:00 PM	<b>Adjourn</b>