

2021 NORTHEAST AQUATIC BIOLOGISTS CONFERENCE

RECORDINGS

[Welcome to NAB, from the NAB Planning Team](#)

[Multivariate Assessments of Lake Water Clarity Trends with Dynamic Factor Analysis: Jeremy Deeds, ME DEP](#)

[Lessons Learned from Three Decades of Water Quality Monitoring on Lake Champlain: Matthew Vaughan, Lake Champlain Basin Program/NEIWPC](#)

[Exploring Patterns in Long-Term Data at Minnesota's Sentinel Lakes: Tim Martin, MN DNR](#)

[Regional Monitoring Network Round Table: Northeast RMN Partners](#)

[Informing High Quality Stream Assessment by Exploring Temporal Variability in Macroinvertebrate Assemblages Across the Biological Condition Gradient in Connecticut: Mary Becker, CT DEEP](#)

[Low Gradient Macroinvertebrate Indices for Southeastern New England: Ben Jessup, Tetra Tech](#)

[Analysis of Algal Growth in Lake George, NY, as an Indicator of Water Quality Impacts from Land Use: Brea Arvidson, The FUND for Lake George](#)

[Plenary Part 1, The Biological Condition Gradient: Status and Work Underway: Susan Jackson, US EPA](#)

[Plenary Part 2, From Policy to Practice: Setting Ecological and Nutrient Criteria to Achieve Good Ecological Status in Surface Waters: Martyn Kelly, Bowburn Consultancy](#)

[Plenary Q&A: Susan Jackson & Martyn Kelly](#)

[303\(d\)?!?! Dam, Not Me! The Partnership-Powered Maxwell Pond Dam Removal and Black Brook Restoration Success Story in Manchester, NH: Steve Landry, NH DES](#)

[Regional Pollution of Groundwater by Road Salt in the Adirondack Park: Dan Kelting, Paul Smith's College Adirondack Watershed Institute](#)

[Sensor-Based Detection of Algal Blooms for Public Health Advisories and Long-Term Monitoring in Eutrophic Waters: McNamara Rome, Northeastern University](#)

[Improving Data Collection and Management with R, Survey123, & Office 365: Ansel Aarrestad, CT DEEP](#)

[The Standardization and Automation of Data Management Strategies for Accurate and Efficient Water Quality Monitoring and Assessments: Zachary Smith, NYS DEC](#)

[Bio-Shiny: Using R Shiny for the Application of Indices of Biotic Integrity: Benjamin Block, Tetra Tech](#)

[Maine Stream Explorers: Citizen Scientists Identifying Stream Macroinvertebrates: Tom Danielson, ME DEP](#)

[CREEQ: Linking Public Perceptions to Biochemical Indicators of Stream Water Quality: Delaney Demro, SUNY ESF](#)

[Drought Effects on Water Quality in New Hampshire \(Revisited\): Michele Condon, NH DES](#)

[Free R-Based Tools for Quality Control \(QC\) and Summary/Visualization of High Frequency Data in Streams and Lakes: Jen Stamp, Tetra Tech](#)

[Mercury in Fish from Streams and Rivers in New York State: Spatial Patterns and Environmental Drivers: Karen Murray, USGS](#)

[Monitoring and Management of Invasive Common Reed Grass \(Phragmites australis\): David Wong, MassDEP](#)

[Sampling and Analysis to Develop an Invertebrate IBI for Long Island Sound Embayments: Anna Hamilton, Tetra Tech](#)

[Toxic Metal Bioaccumulation in Dammed Streams: Implications for Food Webs: Sam Spelman, UMass Amherst](#)

[A Model for Estimating Baseflow for Streams Home to Endangered Atlantic Salmon: Pamela Lombard, USGS](#)

[The Last Frontier \(almost\) – Developing an IBI for NH’s Warmwater Fish: Andy Chapman, NH DES](#)

[Do Clam Shells Reduce the Impacts of Stream Acidification in Eastern Maine?: Emily Zimmermann, ME DEP](#)

[Nineteen Years on the Lower Kennebec River, Maine 2002-2020; Fish Assemblage Composition and Responses to Diadromous Fish Management: Chris Yoder, Midwest Biodiversity Institute](#)

[Chloride Concentrations Across New York State Flowing Waters: Charles Stoll, NEIWPC](#)

[Examining a Long-Term Conductivity and Chloride Dataset for Several NH Headwater Lakes: Scott Ashley, NH DES](#)

[Effects of Road Salting on Surface Water Chemistry of Adirondack Lakes: Brendan Wiltse, Paul Smith’s College Adirondack Watershed Institute](#)

[The Influence of Fluctuating Variable Temperature Regimes on Wood Frog Tadpoles Within Vernal Pools: Nicole Dahrouge, University of Connecticut](#)

[Exploring the First Several Years of High Frequency Temperature, Dissolved Oxygen, and Water Level Data from Lakes in the Northeast Regional Monitoring Network \(RMN\): Jen Stamp, Tetra Tech](#)

[How Toxic Are Cyanobacteria Blooms in New Hampshire Lakes?: Amanda McQuaid, NH DES](#)

[Preliminary Findings from the Intensive Lake Characterization of Chlorophyll-a and Cyanobacteria in Skaneateles and Canandaigua Lakes, NY: Anthony Prestigiacamo, NYS DEC](#)

[The Use of Field Instruments to Quantify Chlorophyll-a and Phycocyanin Concentrations in Skaneateles Lake: Aimee Clinkhammer, NYS DEC](#)

[Calibration of a Sentinel-2 Satellite Model for Chlorophyll-a in Two Oligotrophic Finger Lakes: Lewis McCaffrey, NYS DEC](#)

[The Adirondack Lake Assessment Program: Success and Challenges of a Homegrown Volunteer Monitoring Program: Elizabeth Yerger, Paul Smith's College](#)

[A-POD HAB Trap and Removal Process: National Science Foundation Funded - Harmful Algae/Cyanobacteria Removal Process: Jonathan Higgins, Higgins Environmental](#)

[Transformative Toronto Watershed Management: Driven by Data: Michael Casey, Aquatic Informatics](#)

[Geologic History of Mill River Sediment: Seth Strauss, UMass Boston](#)

[Hydrological Evaluation of Tidal Restrictions at Rumney Marsh in Revere and Saugus, Massachusetts: Edward Reiner, US EPA](#)

[A Look Back at the Action Agenda: Barrier Removal from 2015-2025 in the Hudson River Estuary: Megan Lung, NYS DEC](#)

[Stormwater Mitigation Planning to Address TMDLs: A Cost-Effective, Scalable Approach: Sarah Nalven, VHB](#)

[Bronx River Dam Removal Feasibility Assessment, NYC: Katie Friedman, NYC Parks](#)