



Connecticut Fund
for the Environment
Save the Sound®

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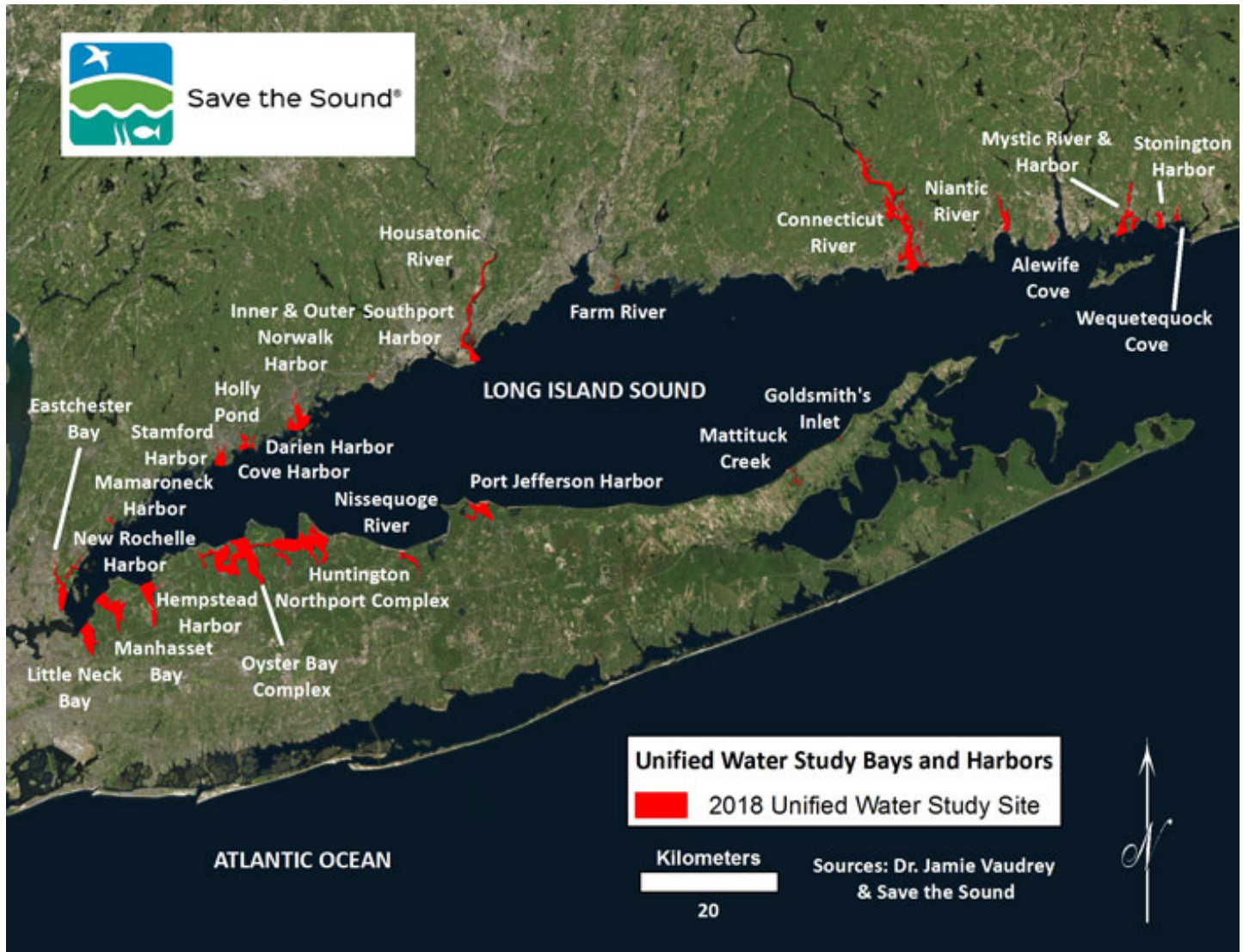
Unified Water Study

Historically, it's been difficult to compare water quality conditions in the Sound's many inlets because the monitoring work is conducted by different groups with different monitoring approaches.

The *Unified Water Study: Long Island Sound Embayment Research* (UWS) is a new water quality monitoring protocol developed so groups around Long

Island Sound can collect comparable data on the environmental health of our bays and harbors. Launched by Save the Sound in 2017, this groundbreaking water testing program will dramatically increase available data on the health of Long Island Sound. The findings will further our understanding of the Sound and inform and support our actions to preserve and protect it.





MONITORING OUR BAYS AND HARBORS TOGETHER

Local monitoring groups receive support from Save the Sound, the study's Science Advisors, and its funders. They are provided with monitoring equipment, training, Standard Operating Procedures, a custom study design for their monitoring locations, a template Quality Assurance Project Plan (QAPP), and other resources they need to successfully collect high quality monitoring data.

[See the complete requirements >](#)

If you are interested in participating in this important study, please contact the Unified Water Study Coordinator, Peter Linderoth, at plinderoth@savethesound.org.

Scroll to the bottom for a complete list of participants.

What We Are Studying

The Unified Water Study measures the relative environmental health of the bays and harbors of Long Island Sound and human impact on them. It has two tiers: baseline data, and an optional set of data to be collected in addition to Tier 1.

Download the 2018 Unified Water Study Water Quality Data ([.xls](#), [.pdf](#))

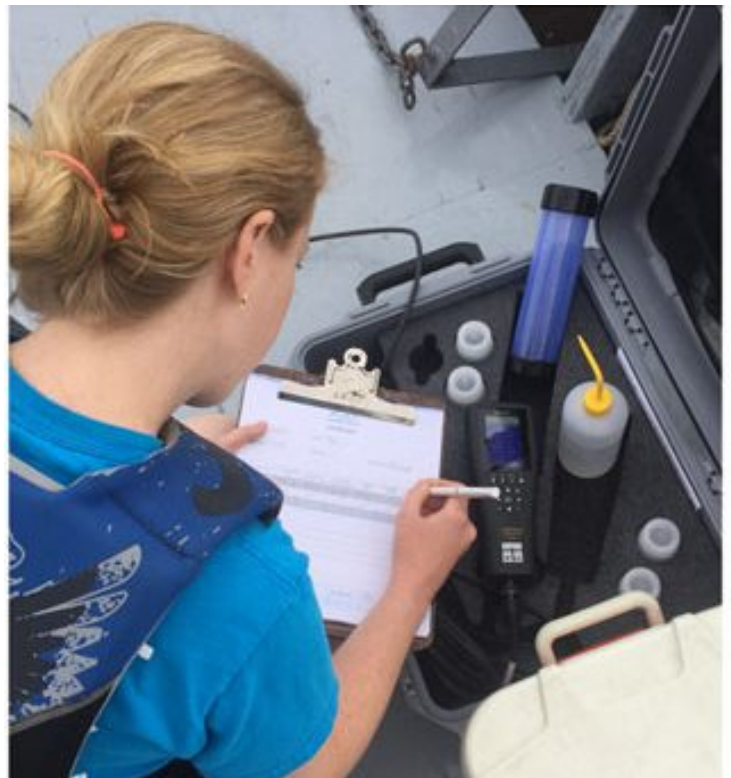
2018 Qualitative Macrophyte Data are available upon request. These data are not meant to be representative of a waterway and are only used in conjunction with the water quality data. Please send questions or request to plinderoth@savethesound.org

Tier 1 monitoring measures:

- Dissolved Oxygen
- Water Clarity
- Temperature
- Salinity
- Chlorophyll *a*
- Qualitative Macrophytes

Tier 2 monitoring additionally measures:

- Continuous Dissolved Oxygen
- Nitrogen
- Phosphorous
- Quantitative Macrophytes

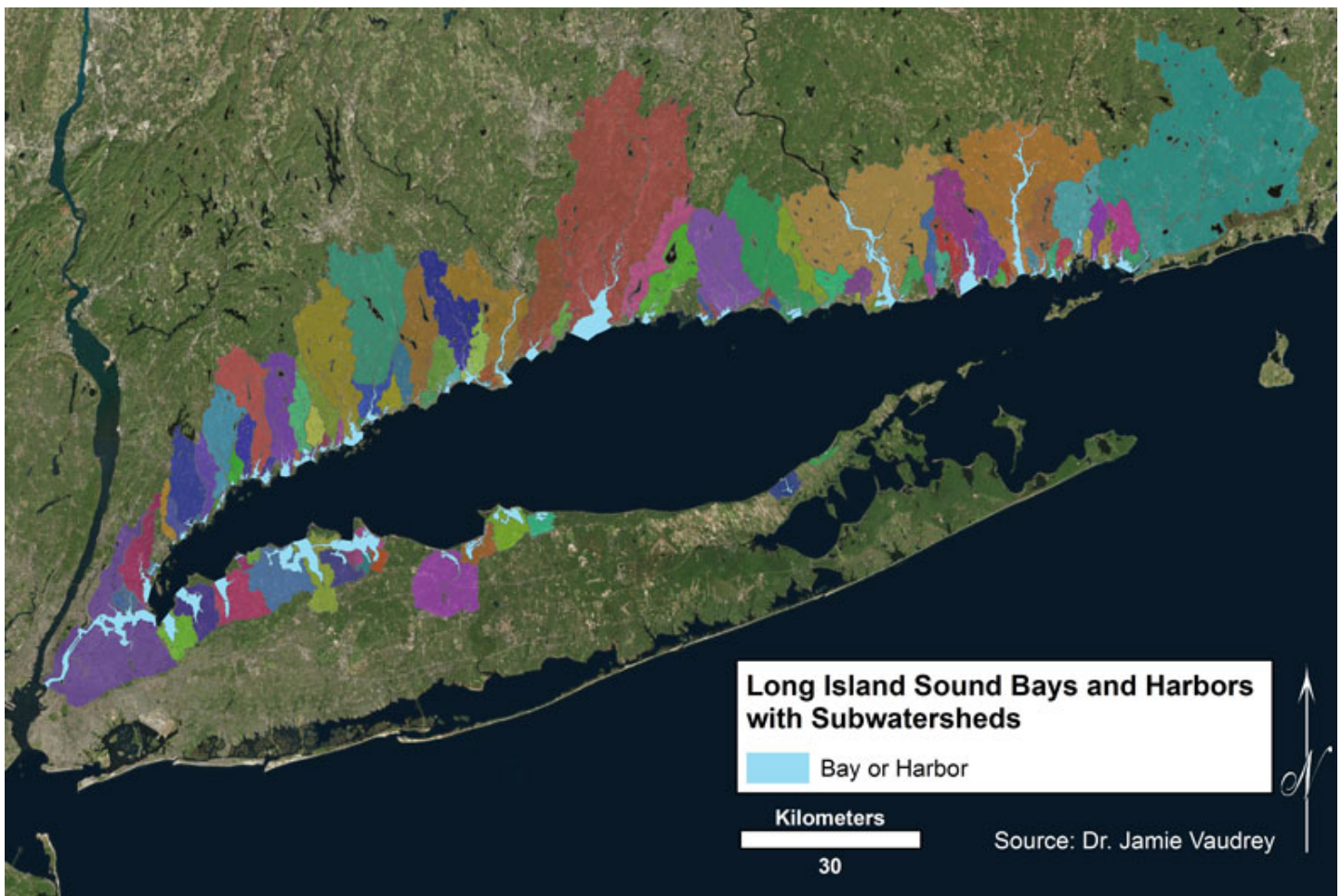


Background

The Long Island Sound Funders Collaborative initiated this Sound-wide study after creating the first [Long Island Sound Report Card](#) in 2015 and finding a scarcity of comparable data

for the Sound's bays and harbors. Save the Sound was selected to design and coordinate the study, working in collaboration with science advisors, other monitoring groups, and regulatory agencies (EPA, Connecticut Department of Energy and Environmental Protection, New York State Department of Environmental Conservation, New York City Department of Environmental Protection, and New England Interstate Water Pollution Control Commission – Interstate Environmental Commission).

The Science Advisors to the Unified Water Study are Jamie Vaudrey, PhD, and Jason Krumholz, PhD. The Study Coordinator is Peter Linderoth, plinderoth@savethesound.org. Additional guidance is provided by Long Island Sound Study (LISS) staff as well as members of the Long Island Sound Study Science Technical Advisory Committee and Citizen Advisory Committee.



Full list of participants:

Harbor or Bay:

Black Rock Harbor
 Centerport Harbor, Huntington Bay,
 Huntington Harbor, Lloyd Harbor,
 Northport Bay, Northport Harbor
 Connecticut River
 Darien Harbor, Cove Harbor, Scott's Cove
 Eastchester Bay, Hunter Island Bay, New
 Rochelle Harbor
 Farm River
 Goldsmith's Inlet, Mattituck Harbor
 Hempstead Harbor
 Housatonic River
 Inner Norwalk Harbor
 Little Neck Bay, Manhasset Bay
 Mamaroneck Harbor
 Niantic River
 Nissequogue River
 Outer Norwalk Harbor
 Oyster Bay, Cold Spring Harbor, Mill Neck
 Creek
 Port Jefferson Harbor
 Southport Harbor (Mill River)
 Stamford Harbor, Holly Pond
 Stonington Harbor, Alewife Cove
 Wequetequock Cove, Mystic River, Mystic
 Harbor

Organization:

Ash Creek Conservation Association
 Cornell Cooperative Extension of Suffolk
 County Marine Program
 Connecticut River Conservancy
 Town of Darien
 Save the Sound
 Friends of the Farm River Estuary
 Group for the East End
 Coalition to Save Hempstead Harbor
 Town of Stratford – Conservation Department
 Harbor Watch
 Interstate Environmental Commission
 Derecktor Shipyards
 Save the River – Save the Hills
 Salonga Wetland Advocates Network
 The Maritime Aquarium at Norwalk
 Friends of the Bay
 Setauket Harbor Task Force
 Town of Fairfield – Conservation Department
 SoundWaters
 New England Science & Sailing Foundation
 Clean Up Sound and Harbors

For more information, please contact the Unified Water Study Coordinator, Peter Linderoth,
 at plinderoth@savethesound.org.

GET INVOLVED

Jump in

Join the fight! Memberships start at just \$25 – support that's badly needed now for a healthy, sustainable environment over the long term.

[Join now](#)

Take part

Thursday, July 18, 2019

Blue Heart; Thurs., July 18, 6:30 p.m. Join us for a screening of Blue Heart, a Patagonia film about the fight to preserve Europe's last wild rivers, at Patagonia of Westport at 87 Post Road East, Westport CT. Visit <https://tinyurl.com/cfeblueheart> for more information.

[See more](#)

Connect with us

Stay in touch by joining our activist network email list. We'll keep you up-to-date with current initiatives, ways you can take action and volunteer opportunities.

[Sign up](#)

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Stopping Pollution
Measuring Water
Quality
Restoring Fisheries
and Wildlife Habitat
Living Shorelines
Restoration Project
Gallery
Defending Drinking
Water
Current Legal Actions
Resources: What You
Can Do

Air, Climate & Energy

CT Climate and
Energy Planning
Investing in
Renewable Energy
Greening Buildings
Cleaning
Transportation
Current Legal Actions
Resources: What You
Can Do

Land

Preserving Plum
Island
Saving the
Oswegatchie Hills
Defending Your Local
Lands
Protecting Land for
Wildlife
Current Legal Actions
Resources: What You
Can Do

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