



VISION

Basin communities anticipate and enable change for long-term ecosystem health and sustainable economic development

MISSION

Develop and share science-based knowledge to benefit the environment and economies of the Lake Champlain basin

AUTHORIZING LEGISLATION

National Sea Grant College Program Amendments Act of 2008 (Public Law No: 110-394)

ANNUAL BASE FUNDING

2022–2023: \$1,276,088 NOAA;
>\$638,000 Partners

2024–2027: \$1,404,865 NOAA;
>\$703,000 Partners

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SCIENCE THAT INFORMS

Lake Champlain Sea Grant harnesses federal and local partner support to create and synthesize environmental and economic knowledge and extend learning to schools, workplaces, and public spaces.



Lake Champlain Sea Grant collaborates with 300+ partners, including state and local government agencies, businesses, professional associations, nonprofit organizations, local groups, K-12 schools, and universities.



Lake Champlain Sea Grant supports research on topics deemed strategic by our advisory committee and most useful by research-users. We fund about 5 research projects and 2 partnered fellowships per year.



Lake Champlain Sea Grant hosts or participates in 100+ outreach events annually, directly reaching 15,000+ people that live and work in the basin. We reach 51,000+ people through trainings, presentations, video series, seminars, podcasts, and local television.



Lake Champlain Sea Grant annually educates ≈2,000 K–12 students and trains 75+ teachers about water quality, watershed health, and human actions' impact on ecosystems. We mentor or support 35+ undergrad and grad students in research, outreach, or education.

Lake Champlain Sea Grant is hosted by the University of Vermont Rubenstein School of Environment and Natural Resources and managed in collaboration with UVM Extension and the Lake Champlain Research Institute at the State University of New York at Plattsburgh.



The University of Vermont

STATE UNIVERSITY OF NEW YORK
PLATTSBURGH

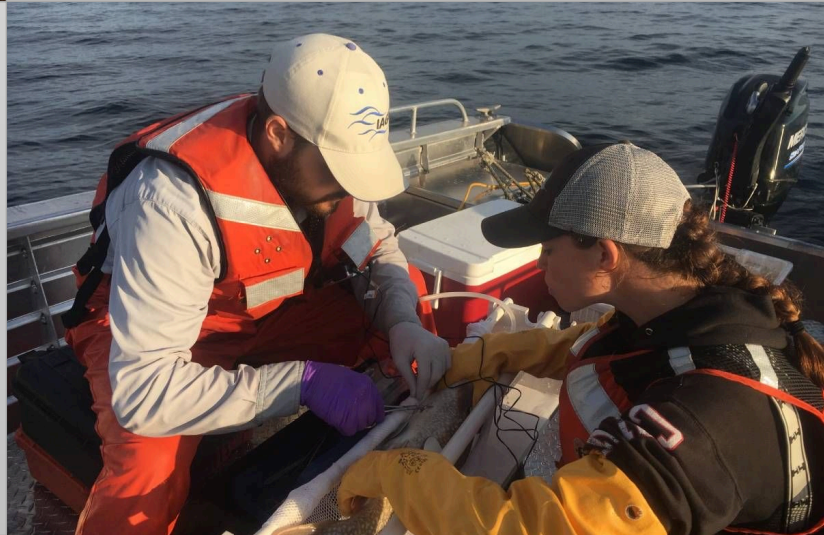


Lake Champlain Sea Grant seeks and welcomes diversity. We respect Indigenous knowledge, commit to uplifting Indigenous peoples and cultures in our communities, and acknowledge the need to steward the lands and waters in the Lake Champlain basin. Pictured to the left is a public event featuring Abenaki culture.

"It is important that non-Abenaki people understand our rich history and our connection to the environment around us."
—Chief Don Stevens

Research provides decision-makers and others with information that will contribute to long-term ecosystem health and sustainable development. Current research projects aim to:

- Assess and improve lake trout stocking strategies
- Evaluate exposure to contaminants from fish consumption
- Increase environmental literacy among under-represented students
- Inform floodplain management to increase basin water quality
- Restore and manage shorelines to support recovery of turtle communities



Lake Champlain Sea Grant engages with basin residents, professionals, and community and government leaders to provide evidence-based information about:

- Aquaculture and aquaponics opportunities
- Boating and marina safety and best practices
- Cyanobacteria bloom identification, safety, and mitigation
- Flood resiliency and shoreline collection
- Forests and water quality
- Green infrastructure and stormwater management
- Hazardous materials spill prevention and response
- Lawn care for water quality
- Road salt use and application to prevent pollution

Lake Champlain Sea Grant's Watershed Alliance education program connects K–12 teachers and their students with real-world challenges and engages students in hands-on, place-based field science and stewardship.

Our education program is a bridge between research and communities, where classroom teachers, professional environmental educators, undergraduate intern teachers, and students immerse themselves in local ecosystems as a learning and inquiry space.

