



Photo : Luka Mester

Lake Champlain Sea Grant serves the 8,234 square miles of the Lake Champlain basin, which has been and continues to be home to and stewarded by Indigenous peoples, including the Mohawk, Western Abenaki, and Mohican people.

## Outreach

We put research into action in local communities. We provide residents, businesses, community organizations, and state and local managers and policymakers with tools, training, and science-based knowledge to sustainably manage Lake Champlain basin resources.

## Education

We increase knowledge about water resources and watershed health around the basin. We lead innovative, place-based classroom and virtual education programs, workshops, and events for students, teachers, professionals, and the public.

## Research

We fund research projects designed to inform policy decisions and management practices in the Lake Champlain basin, and we offer fellowships for graduate students and early-career scientists.

## About Sea Grant

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

Sea Grant is a federal-private partnership that uses science to support action by coastal communities to promote a sustainable economy and environment. With funding from the National Oceanic and Atmospheric Administration (NOAA), 34 Sea Grant programs enhance the practical use and conservation of coastal, marine, and Great Lakes resources.

[www.uvm.edu/seagrant](http://www.uvm.edu/seagrant)

### Vision

Basin communities anticipate and adapt to secure 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

### Values

Meaningful partnerships, diversity, and diverse perspectives

### Authorizing Legislation

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

### Annual Funding 2022

\$1,307,500 NOAA  
> \$654,000 Partners

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**Lake Champlain Sea Grant** engages with basin communities in **New York and Vermont** to protect and sustain **Healthy Coastal Ecosystems**, develop and strengthen **Resilient Communities and Economies**, and increase **Environmental Literacy and Workforce Development**. **In 2021:**



Lake Champlain Sea Grant collaborated with **304 partners**—including state and local government agencies, businesses and professional associations, nonprofit organizations and local groups, K-12 schools, and universities.



Our Watershed Alliance program educated **1,776 K-12 students** and trained **85 teachers** about water quality, watershed health, and the impacts of human actions on ecosystems.



Lake Champlain Sea Grant mentored **29 undergraduate students** and **7 graduate students** in research, outreach, or education. In the **1<sup>st</sup> year** of the Sea Grant Scholars program, **8 undergraduates** in **3 academic units** received tuition and internship support in STEM areas.



**3,176 people** attended **103 Lake Champlain Sea Grant events**, and **13,147 people that live and work in the basin**, including winter road maintenance and real estate professionals, boat owners, and marina operators, tuned in to **43 Lake Champlain Sea Grant educational presentations**.



Lake Champlain Sea Grant supported **10 research projects** led by **16 researchers** who investigated what resource managers need to know: habits of wild and stocked lake trout, lake food webs, phosphorus pollution, riverine erosion mitigation, reduction of stormwater runoff along roads, and more.



Lake Champlain Sea Grant published more than **40 videos** and reached **more than 51,000 people** through virtual presentations, video series, seminars, podcasts, and episodes on a local television program.

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