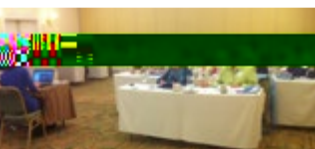


Sea Grant Champlain



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Lake Champlain Sea Grant: Background, overview, and context

Vision: We envision a future in which communities anticipate and enable change for long-term ecosystem health and sustainable economic development.

Mission: To develop and share science based knowledge to benefit the environment and economies of the Lake Champlain Basin. Our audience comprises business, state, and local leaders and the communities they serve.

Background

Placeholder text for the background section, consisting of multiple lines of dummy text.



Criterion 1 — Leadership

The Sea Grant Institute candidate must lead both intellectually and in practice in science, engineering, education, and advisory service in the Lake Champlain Basin.

Context

As a leader in the Lake Champlain Basin, the candidate must demonstrate a strong commitment to the region and its people. This includes a deep understanding of the basin's unique challenges and opportunities, and a proven ability to lead and inspire others in addressing these issues. The candidate should have a track record of successful leadership in science, engineering, education, and advisory service, and should be able to demonstrate their impact on the basin and its people.

The candidate must have a strong background in leadership, with a proven ability to lead and inspire others. This includes a track record of successful leadership in science, engineering, education, and advisory service, and should be able to demonstrate their impact on the basin and its people. The candidate should have a deep understanding of the basin's unique challenges and opportunities, and a proven ability to lead and inspire others in addressing these issues. The candidate should have a track record of successful leadership in science, engineering, education, and advisory service, and should be able to demonstrate their impact on the basin and its people.

Program Advisory Committee

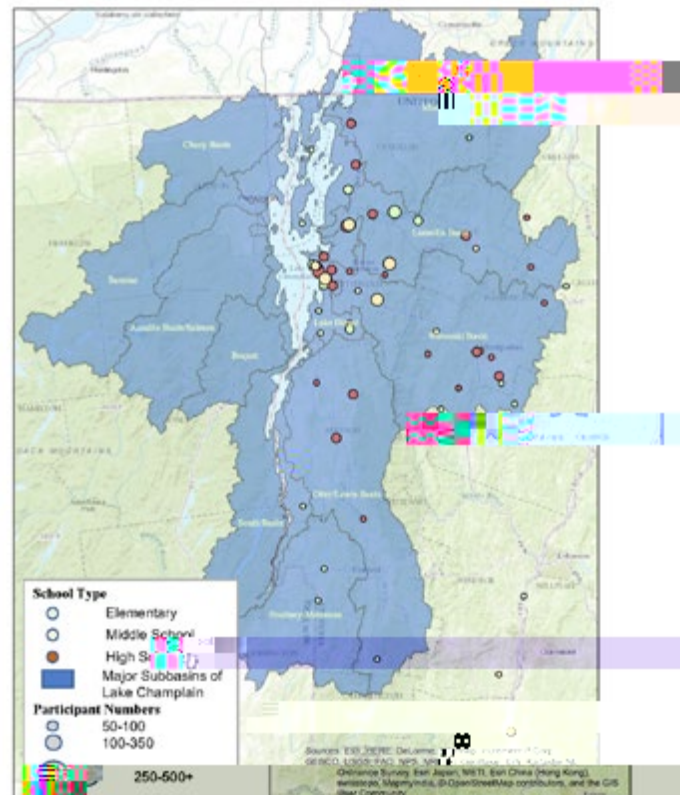
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Office of Education Programs
1000 Independence Avenue, S.W.
Washington, D.C. 20202-4040

Criterion 5— Education and Training

Education and training must be clearly relevant to National, regional, State and local needs in fields significant to the Lake Champlain Basin.

Watershed Alliance

Figure 5. Location and number of participants in Watershed Alliance programs



Continuing Education Workshops for Real Estate Agents

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Criterion 7 — Relationships

The Sea Grant Institute candidate must have close ties with federal and state agencies, as well as administrations, local authorities, business and industry, and educational institutions. The extent and quality of an institution's relationships are critical factors when evaluating the institutional program.

State Agencies and Administrations

Local Authorities





Role	LCSG	VWRLSC	NSRC
Federal dollars	\$2,035,965	\$424,865	\$1,713,311
Non-federal dollars	\$1,092,310	\$849,730	Not required
Ph.D. students	4	5	4
M.S. students	3	7	5
Graduate assistants	2	0	5
ECO AmeriCorps members	2	0	0
Undergraduate student interns	80	20	Not available
Research projects	4	12	38
Publications (reports, fact sheets, etc)	43	12	50
Sponsored workshops	251	1	11
Public presentations			

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Criterion 10— Continuity of High Performance

The Sea Grant Institute Candidate must demonstrate the ability to continue the pursuit of excellence and sustained performance.

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Suggestions (Ideas the Program May Want to Consider)

- "LCSG operates very successful programs

Over the last two years we have developed extensive relationships with all three groups. In September 2016 staff from the Great Lakes and Hudson River Programs of New York Sea Grant met via webinar with staff from the Lake Champlain Sea Grant Program. The purpose was to share information about our outreach endeavors and to seek opportunities for future partnerships. A report of this meeting is included in our Strategic Plan in Appendix L. As noted, we have helped lead the Crude Oil Transport Initiative with NYSG and the GLSG network. Most recently we helped run the "Crude Moves" symposium in Cleveland, on 8-9 June 2017. In addition, LCSG and NYSG staff have interacted on topics ranging from preservation of historic shipwrecks to prevention of invasive species. As noted, we hosted the Great Lakes Sea Grant Network (GLSG) regional meeting in September 2015. Currently the LCSG Director (Bowden) is Chair of the GLSG Directors and the LCSG Extension Leader is Chair of the Great Lakes Sea Grant Extension Leaders. We also recently participated fully in development of the 2017 Northeast Sea Grant Network regional meeting. Extension Leader Stepenuck regularly participates in conference calls with the NESG network Extension Leaders and is currently leading its awards program.

Implementation Strategy for an LCSG Institute

Immediate steps

1. Establish a steering committee with representatives from all partner organizations. The committee will be responsible for developing the implementation strategy, identifying key priorities, and monitoring progress. The committee will meet regularly to discuss progress and address any challenges.

2. Develop a detailed implementation plan. This plan should outline the specific actions to be taken, the timeline for completion, and the resources required. The plan should be developed in consultation with all partner organizations and should be approved by the steering committee.

3. Identify and secure funding. Funding will be needed to support the implementation of the strategy. This funding should be identified and secured from a variety of sources, including government agencies, private industry, and foundations.

4. Establish communication and coordination mechanisms. Regular communication and coordination among all partner organizations is essential for the successful implementation of the strategy. This can be achieved through the steering committee, regular meetings, and a shared communication platform.

Research investments

1. Conduct a comprehensive assessment of the current state of the watershed. This assessment should identify the key issues and challenges facing the watershed and provide a baseline for future research and monitoring.

2. Develop and implement a research program. This program should focus on the key issues and challenges identified in the assessment and should include a variety of research activities, including field studies, laboratory experiments, and modeling.

3. Establish a research network. This network should include all partner organizations and should facilitate the sharing of information, resources, and expertise among researchers.

4. Disseminate research findings. Research findings should be shared with all partner organizations and the broader community through reports, presentations, and other communication channels.

“For years, ECHO, Leahy Center for Lake Champlain has partnered with Lake Champlain Sea Grant to establish Vermont as a leader in building sustained, multi-sector, watershed-level initiatives that build resilience and create a culture of clean water.”

~ Phelan Fretz, Executive Director, ECHO, Leahy Center for Lake Champlain

Fellowships

1. Establish a fellowship program. This program should provide funding and support for individuals to conduct research and education activities related to the implementation of the strategy. The program should be open to individuals from a variety of backgrounds and disciplines.

2. Develop a pool of potential fellows. This pool should be developed through outreach and recruitment efforts. Potential fellows should be identified and contacted to discuss the opportunity.

3. Establish a selection process. This process should be fair and transparent and should involve all partner organizations. The selection process should include a review of applications and interviews with potential fellows.

4. Provide support and mentorship. Fellows should receive the support and mentorship they need to successfully complete their research and education activities. This support can include funding, access to resources, and guidance from experienced researchers and educators.

Outreach partnerships

1. Identify and reach out to potential outreach partners. These partners can include government agencies, private industry, and community organizations. Outreach partners can help to raise awareness of the implementation strategy and its benefits, and can provide additional resources and support.

2. Develop outreach plans. These plans should outline the specific outreach activities to be undertaken, the timeline for completion, and the resources required. Outreach plans should be developed in consultation with all partner organizations and should be approved by the steering committee.

3. Implement outreach activities. Outreach activities should be implemented according to the outreach plans and should be monitored and evaluated for effectiveness. Outreach activities can include public meetings, workshops, and other communication activities.

4. Build and maintain outreach partnerships. Outreach partnerships should be built and maintained over the long term. This can be achieved through regular communication and coordination among all partner organizations.

