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Long Island Sound Study (LISS) Educational Resources

Contacts for Educational Resources

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General Planning and Goals, Objectives, Outcomes and Strategies for Long Island Sound

- **2020-2024 Long Island Sound Comprehensive Conservation and Management Plan (CCMP) Themes and Implementation Actions.** If you're not sure where to begin, this plan is a good place to go for ideas and gives a review of what the LISS has identified are the main challenges for the Sound and outlines the current solutions and priority actions being pursued to address them under **three CCMP Themes** 1) Clean Waters and Healthy Watersheds, 2) Thriving Habitats and Abundant Wildlife and 3) Sustainable and Resilient Communities.
 - The CCMP update contains [Implementation Actions \(IAs\)](#) for the 2020-2024 planning cycle of the *Long Island Sound Comprehensive Conservation and Management Plan (2015)*. View the IAs in connection to the CCMP's goals, objectives, outcomes, and strategies in the following summary document.
- **Long Island Sound Study (LISS) [LISS Ecosystem Targets and Supporting Indicators](#).** The LISS uses ecosystem targets and indicators to measure different aspects of the Sound's environmental health and the progress made towards attaining the conservation and restoration goals established in the CCMP. This is A LOT of information, but it may be helpful in providing ideas on what you would like to focus on/what makes most sense for your area/how to connect the narrative within your project. Typically, within each indicator page there are more resources for that topic on the sidebars.
- **Long Island Sound Study [Stewardship Areas](#).** There are thirty-three (33) Stewardship Areas along the coast of the Long Island Sound, which provide exceptional ecological and recreational value. Each has ~~their~~ its own unique qualities that make ~~them~~ it a special places. You can explore the sites on the map and learn more about these important areas. These are priority areas for education, public access, restoration and improving water quality.
- **Long Island Sound Study [Habitat Restoration Initiative & Habitat Restoration](#).** There are 12 Important Coastal Habitat Types designated by the LISS. If preparing a

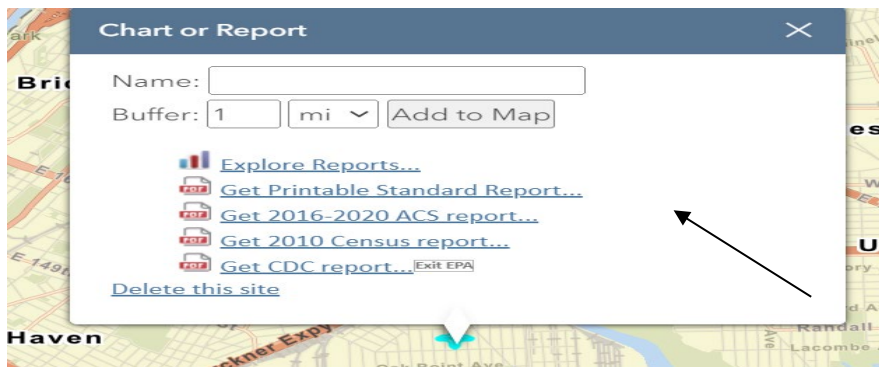
habitat restoration plan or delivering an actual habitat restoration, please reference these habitat types. See [Habitat Restoration Initiative](#). Guidance about preparing a habitat restoration planning or implementation proposal may be found at in the [LISS Habitat Restoration Guidelines](#)

Cross-Cutting Principles for Action on Your Projects

- **Long Island Sound Study Environmental Justice (LISS EJ).**

One of the cross-cutting principles of the CCMP is Environmental Justice. The LISS is actively move forward in its Environmental Justice implementation work to better serve the needs of minority and underrepresented communities who are disproportionately affected by environmental hazards.

- **EPA Environmental Justice Screening and Mapping Tool (EJScreen).** This EPA tool provides information about community demographics. Data are found within the “Printable Standard Report.” How to use EJ Screen: 1) Go to the EJScreen homepage; 2) Click “Launch the Tool” 3) “Input a Location” such as by zip code; 4) Click “Search”; 5) Click the plus sign “+” over the community location; and 6) Click “Printable Standard Report”.



The Printable Standard Report below is produced. The percentage shown in the “Value” column is what is sought for the table. **If you are using EJScreen to capture information about community charateristics, please download the Printable Standard Report and make it one of your uploads into Easygrants under “Other Documents” in your LISFF proposal.**

| Selected Variables | Value |
|---|-------|
| Pollution and Sources | |
| Particulate Matter 2.5 (µg/m³) | 9.08 |
| Ozone (ppb) | 42.3 |
| Diesel Particulate Matter* (µg/m³) | 1.28 |
| Air Toxics Cancer Risk* (lifetime risk per million) | 40 |
| Air Toxics Respiratory HI* | 0.6 |
| Traffic Proximity (daily traffic count/distance to road) | 2300 |
| Lead Paint (% Pre-1960 Housing) | 0.5 |
| Superfund Proximity (site count/km distance) | 0.12 |
| RMP Facility Proximity (facility count/km distance) | 0.83 |
| Hazardous Waste Proximity (facility count/km distance) | 12 |
| Underground Storage Tanks (count/km²) | 20 |
| Wastewater Discharge (toxicity-weighted concentration/m distance) | 5.6 |
| Socioeconomic Indicators | |
| Demographic Index | 78% |
| People of Color | 98% |
| Low Income | 59% |
| Unemployment Rate | 11% |
| Limited English Speaking | 21% |
| Less Than High School Education | 29% |
| Under Age 5 | 7% |
| Over Age 64 | 10% |

Other general sources of demographic data other than EJScreen: 1) [Explore US Census Data](#); 2) the [U.S. Census Quick Facts Page](#); and the 3) [American Community Survey](#) as well as state data sources.

Long Island Sound Study Resilience and Sustainability.

One of the cross-cutting principles of the CCMP is Resilience to climate change. To learn how LISS is working to support increased resilience in your Long Island Sound community, contact a Connecticut or New York Sea Grant Extension Professional. The [SRC contact map](#) provides contact information by geography in each state.

Educational Resources & Information about Long Island Sound

The Long Island Sound Study [Educational Resources](#). This page provides a *Resource Catalogue for Educators and Parents*, links to helpful websites, pictures, field and classroom activities focused on the Sound. The resources listed are classified according to grade-level, type of resource, and content.

Long Island Sound Study Public Perception of the Sound and Example Public Outreach Priorities and Project Examples

- The [Long Island Sound Public Perception Survey](#). This 2006 survey is the most current information the Long Island Sound Study has about individuals' perceptions of the Sound's water quality and about what role they play in keeping the Sound healthy.
- The [Long Island Sound Study Strategic Communication, Outreach, and Engagement Plan](#). A good reference for project's doing outreach projects to learn about what the Long Island Sound Study and its partners are focused on.
- [Annual and Biennial Reports section of the Long Island Sound Study Media Center](#). These documents are a good place to find examples of outreach projects the Long Island Sound Study has highlighted.

[Long Island Sound Storymap and Webinar](#) features 7 types of habitat within the LIS watershed and includes images and videos of some of the animals, plants, and phenomena one might observe in each.

Interesting Long Island Sound Facts

[Long Island Sound by the Numbers](#)

[Long Island Sound What makes it Special](#)

[Undersea Tour of Long Island Sound](#)

[Living Treasures](#) – Plants and Animals of Long Island Sound

[Sound Facts](#) is a collection of facts about the health of Long Island Sound and its diverse habitat and wildlife. Click each fact to learn more.

[Fact Sheets](#) are a collection of fact sheets about a variety of Long Island Sound activities and issues including information about partners, water quality (floatable pollution septic contaminants, nutrients, toxics, pathogens, hypoxia, dissolved oxygen) seafood, and why we value Long Island Sound.

Marine Debris Pollution – Trash Free Land and Waters!

- [#DontTrashLISound](#). The LISS and its partners are encouraging the Long Island Sound community to #DontTrashLISound! Check out other resources on the left side of the web page.
- **The Long Island Sound [Marine Debris Action Plan](#)** is a comprehensive framework of strategic actions to reduce the impacts of marine debris on Long Island Sound, its coasts, watersheds, people, and wildlife.
- **[Long Island Sound Blue Plan](#)** is a marine spatial plan for Long Island Sound providing science-based goals, siting priorities, and standards for entities developing or delivering projects in the marine environment. May be a useful document to review and cite.

Resources about What you Can Do to Help Long Island Sound

- What you Can do to [Curb Polluted Runoff](#)
- Resources for Students and Educators about [Nonpoint Source Pollution](#)
- What you can do [Around Your Home](#)
- What you can do [Around Your Backyard](#)
- What you can do [Around Your School](#)