



Citizen's Summit Afternoon Breakout Sessions: The Future of the Sound and the CCMP

In early 2012, LISS began the process of updating its Comprehensive Conservation and Management Plan (CCMP). The CCMP is being updated in order to incorporate emerging issues, including sea level rise, effects of super storms, planning for community and ecosystem resiliency, stormwater management, aquaculture and to address the evolution of managing large ecosystems. This effort has involved reviewing program progress, soliciting stakeholder and public input, and developing a framework for the CCMP revision.

The framework includes a number of long-term 'aspirations':

In the **first part** of the breakout session we would like all participants to describe their long-term desires for the future of Long Island Sound.

So in the next few days or hours, think about your hopes for the Sound.

Any endpoint is fine; these are some suggested end results. We are not looking for HOW to get to these ends (ban plastic bags to have clean beaches) but rather WHERE you would like to be in 2035.

We will gather the responses and report your aspirations along with your thoughts to the larger group.

The framework also includes detailed steps about HOW to get where we want to go. These are organized in Themes. You will have chosen a Theme to discuss (one Theme per group).



Each Theme has a goal and a series of Outcomes, Objectives and Implementation Actions. The Actions are intended for the next **five** years, some may need to be delayed.

These are designed to provide accountability and link the actions taken by the LISS to measurable outcomes. This framework has been responsive to feedback from citizens and agencies, but the detailed actions are new. We need to hear which actions are the most important to you. We are asking you to participate in one Theme group, but you can comment on any Action.

In the **second part** of the breakout session we would like to review the detailed **Actions** selected by the Core Team in each Theme. These actions are designed to occur in the short-term and be adapted every five years. Enclosed are lists of Actions organized by Theme.

Please review the Actions for the Theme you are most interested in. We will discuss the Actions and then conduct a 'multivoting' process where everyone can register their priorities for Actions. Each Theme group will report out to the entire Citizen's Summit the results.





Breakout Sessions

11:00- 12:45

- Themes: WW, HW, SC, SM
- Aspirations: what are your dreams for 2035?
- Top 3 Aspirations per group
- Actions: how are we going to get there?
- Top 3 Actions per group
- Most important things to communicate



Long Island Sound Study – CCMP Themes and Aspirations



The Aspirations for Long Island Sound project the long term conditions of the watershed including quality water, vital shorelines and habitats, flourishing living marine resources, thriving humans and communities and working waterfronts and resilient infrastructure.

The Themes that Long Island Sound Study has developed to actively work towards these aspirations are Waters and Watersheds, Habitats and Wildlife, Sound Communities, and Science and Management. Action plans have been identified based on a comprehensive range of outcomes, objectives and strategies.



Long Island Sound Study: CCMP

Potential Indicators for Long-Term Aspirations

Aspiration	Goal/Theme	Indicator
Quality Water	WW, HW, SM	Hypoxia extent
	WW, HW	N inputs to LIS
	WW, HW, SM	Water clarity
Flourishing Living Marine Resources	WW, HW, SC, SM	Biomass of finfish and invertebrates
	HW	River miles restored for fish passage
	HW	Anadromous fish runs
Vital Shorelines and Habitats	WW, HW	Wetland quality
	WW, HW, SM	Eelgrass habitat extent
	WW, HW, SC	Coastal habitats extent
	WW, HW	Benthic habitat quality
	HW, SC	Resilient natural shoreline extent
Working Waterfronts and Resilient Infrastructure	WW, HW, SC, SM	Approved shellfish areas
	HW, SC	Shellfish harvested
	SC	Waterfront communities with resilient shorelines and infrastructure
	SC	Harbors and bays with navigable channels that are maintained sustainably
Thriving Humans and Communities	WW, SC, HW	Contaminant levels in fish and shellfish
	SC	Knowledgeable and engaged public
	SC	Public beaches meeting bacteria standards
	WW, HW	HAB/toxins levels
	WW, SC	Marine debris removed from shoreline/level of collection effort
	SC	Public access to beaches and waterways
Healthy Watersheds	WW, SC	Impervious cover/person
	WW, SC	Riparian buffer extent
	WW, HW, SC	Open space extent protected (includes important land use types such as forest)





Theme - Waters and Watersheds

Goal: Attain water quality objectives (fishable, swimmable & supportive of aquatic life) by reducing pollutant and nutrient loads from the land and the waters impacting Long Island Sound

Action #	Draft Implementation Action Title
WW-1	Evaluate impact of the changing Connecticut and New York Long Island Sound Watershed population on wastewater treatment plant/combined sewer overflow loads.
WW-2	Using the results of the population/loading analysis (WW-1), strategically plan for, and implement BMPs to mitigate combined sewer overflow loadings.
WW-3	Support point source and non-point source nutrient trading programs for the Long Island Sound watershed.
WW-4	Encourage wastewater treatment plant upgrades, combined sewer overflow mitigation and elimination (where possible) to support goals and targets of LISS programs.
WW-5	Implement Watershed/Waterbody total maximum daily load (TMDL) requirements.
WW-6	Continue enhanced implementation of the Long Island Sound TMDL for dissolved oxygen and evaluate revision of TMDL targets.
WW-7	Modify the reporting requirements of MS4 communities to improve TMDL implementation tracking and to better quantify the success of control measure actions.
WW-8	Improve and enforce pesticide/herbicide regulations and best management practices (BMPs).
WW-9	Provide technical guidance for incorporating Low Impact Development (LID) / Green Infrastructure into development and redevelopment projects and replacing grey with green infrastructure through zoning and planning changes.
WW-10	Conduct a population and land use change study in the Long Island Sound upper and lower watersheds to determine nutrient load stressors as a result of new development and redeveloped areas.
WW-11	Develop a nonpoint source and stormwater tracking system tool for the Long Island Sound watershed.
WW-12	Reduce the amount of impervious cover which discharges directly into waterbodies.
WW-13	Fix leaking sewer pipes and collection infrastructure.
WW-14	Remediate abandoned and underutilized sites (brownfields).
WW-15	Develop improved policies for packaged/decentralized waste water treatment plants and on-site septic systems.
WW-16	Improve understanding and management of on-site wastewater treatment systems (OSWTSs) to reduce nitrogen and pathogens.
WW-17	Modify septic system use and siting policies to accommodate climate change and sea level rise (SLR).
WW-18	Improve efficiency and resiliency of existing/new waste treatment systems including septic, WWTPs and stormwater infrastructure to accommodate sea level rise (SLR).
WW-19	Track implementation and effectiveness of approved watershed plans by town.
WW-20	Promote establishment and protection of riparian corridors and wetland buffers at the municipal level through development of local ordinances and promoting permanent land protection.
WW-21	Increase land protection efforts by municipalities and land protection organizations that permanently protect wetlands and riparian areas and buffers.
WW-22	Incorporate boat wrap and bottom paint BMP's at marinas.
WW-23	Integrate water quality monitoring programs into coastal habitat restoration projects.

