

CROSSCUTTING CONNECTIONS

Actions focus on the activities needed to achieve the objectives and goals in the CCMP. Some actions contribute to the progression of objectives under other goals beyond the focus area where they are listed. These crosscutting connections are demonstrated in the table below to show where actions contribute to multiple objectives.

Action #	2025 Action	Connection to Additional 2025 Objectives
CWHW 1-1	Implement nutrient reduction actions across the Long Island Sound watershed with an emphasis on the greatest contributing sources and their impacts on Long Island Sound and its embayments.	Pathogens
CWHW 1-2	Support monitoring, modeling, and research – with appropriate data management, storage, and accessibility requirements – to improve understanding of source contributions, their impacts to ecosystem health, and the relative performance and benefits of nutrient reduction actions.	Coastal Habitat
CWHW 1-3	Collaborate with stakeholders and partners to develop plans, tools, and strategies that support nutrient reduction actions to improve overall ecosystem management.	Community-Driven Resilience Planning
CWHW 2-1	Preserve, restore, and steward natural landscapes and the ecosystem services they provide through land conservation and protection efforts beyond the coastal boundary.	Nutrients, Habitat Connectivity, Resilience Initiative Implementation
CWHW 2-2	Implement nature-based solutions and other practices that improve and maintain water quality and ecosystem health.	Nutrients, Resilience Initiative Implementation
CWHW 3-1	Evaluate and improve wastewater and stormwater infrastructure, and support replacement, upgrade, or sewer connections of inadequate OWTS located in critical or strategic watersheds.	Nutrients, Fostering Stewardship and Sustainable Behaviors, Resilience Initiative Implementation
CWHW 3-2	Expand the spatial and temporal coverage of sampling and source tracking and encourage advancements in methodology.	N/A
CWHW 4-1	Identify existing and emerging contaminants of concern and support mitigation efforts as warranted.	N/A
CWHW 4-2	Continue collection and evaluation of contaminant data (e.g., NCCA) for Long Island Sound and its embayments.	N/A
CWHW 4-3	Encourage proactive research and assessment of emerging contaminants including but not limited to per- and polyfluoroalkyl substances (PFAS), 1,4-dioxane, and trifluoroacetic acid.	N/A

APPENDIX C

Action #	2025 Action	Connection to Additional 2025 Objectives
CWHW 5-1	Support research and monitoring efforts that aim to increase understanding of the extent and sources of marine debris and its impact on the ecosystem.	Coastal Habitat, Offshore Habitat, Education and Environmental Literacy, Fostering Stewardship and Sustainable Behavior
CWHW 5-2	Promote the advancement and implementation of interception technologies, tools, receptacle bins, and capture devices that remove debris, while supporting education and outreach across the Long Island Sound watershed.	Resilience Initiative Implementation, Fostering Stewardship and Sustainable Behavior
CWHW 5-3	Support the removal of marine debris located within the coastal boundary and Long Island Sound.	Coastal Habitat, Fostering Stewardship and Sustainable Behavior
CWHW 5-4	Inform and support the development and implementation of new local and state policies, and management plans aimed at source reduction, prevention, and interception practices as identified by available marine debris collection data.	Community-Driven Resilience Planning, Fostering Stewardship and Sustainable Behavior, Resilience Initiative Implementation
THAW 1-1	Restore coastal habitat by supporting projects that implement established restoration techniques or help validate innovative techniques and include broad collaboration and communication.	Habitat Connectivity, Resilience Initiative Implementation, Fostering Stewardship and Sustainable Behaviors
THAW 1-2	Promote the installation of living shoreline methods for coastal habitat restoration and protection, including the conversion of existing hard-armored shorelines to a more natural condition.	Habitat Connectivity, Resilience Initiative Implementation
THAW 1-3	Survey, research, and monitor changes and associated causes in extent and abundance of coastal habitat types and their associated wildlife with focus on tidal wetlands and seagrass.	Habitat Connectivity, Informed Decision-Makers
THAW 2-1	Promote science-based marine spatial planning that balances human use of the Sound and protects ecosystem functions of offshore habitat and species while considering the existing natural, social, cultural, historic, and economic characteristics of Long Island Sound.	Informed Decision-Makers
THAW 2-2	Support the Long Island Sound Seafloor Habitat Mapping Initiative and apply the collected data to refine and expand upon other initiatives supporting coastal and marine spatial planning and designation of protected areas and buffer zones.	Informed Decision-Makers
THAW 2-3	Promote stewardship and restoration of offshore habitat in the Sound by supporting the development and implementation of action plans and programs that incorporate meaningful community science, engagement, and participation.	Marine Debris, Education and Environmental Literacy, Community-Driven Resilience Planning, Fostering Stewardship and Sustainable Behaviors
THAW 3-1	Implement remote sensing, mapping tools, modeling, and field verification to target restoration and protection of habitat patches and river miles to maintain and enhance connectivity.	Coastal Habitat, Informed Decision-Makers
THAW 3-2	Complete stream barrier removal projects (i.e., dams or culverts) that result in full restoration of fish and wildlife migration, sediment transport, and other stream functions.	Nutrients, Coastal Habitat, Resilience Initiative Implementation

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THAW 3-3	Promote regional collaborations to support development of streamlined permitting pathways to build regional capacity for habitat restoration.	Coastal Habitat, Community-Driven Resilience Planning
THAW 3-3	Promote regional collaborations to support development of streamlined permitting pathways to build regional capacity for habitat restoration.	Coastal Habitat, Community-Driven Resilience Planning
THAW 4-1	Protect high-priority coastal habitat from development through implementation of land conservation plans that identify priorities for conservation, management, and investment.	Habitat Connectivity, Resilience Initiative Implementation, Community-Driven Resilience Planning, Public Access and Sense of Belonging
THAW 4-2	Increase access and enhance sustainable stewardship of conserved lands particularly for distressed communities.	Nutrients, Pathogens, Marine Debris, Watershed Health, Coastal Habitat, Habitat Connectivity, Resilience Initiative Implementation, Community-Driven Resilience Planning, Public Access and Sense of Belonging, Education and Environmental Literacy, Fostering Stewardship and Sustainable Behaviors
SRC 1-1	Develop, deliver, and facilitate training programs relevant and responsive to community needs that assist with sustainability and resilience.	Coastal Habitat, Community-Driven Resilience Planning
SRC 1-2	Support community-centered research, monitoring, and development of tools to assess the risks from extreme weather events and a changing climate and advance resilience.	Coastal Habitat, Habitat Connectivity
SRC 2-1	Develop climate resilience plans and strategies into existing municipal, regional, and watershed plans.	Informed Decision-Makers
SRC 2-2	Coordinate across municipal boundaries to advance collective resilience priorities.	Resilience Initiative Implementation
SRC 2-3	Empower and increase engagement of community members and groups in local and regional resilience planning and decision-making.	Resilience Initiative Implementation
SRC 3-1	Increase community capacity to implement and manage sustainable and resilient initiatives.	Coastal Habitat, Habitat Connectivity, Watershed Health, Nutrients, Pathogens
SRC 3-2	Support the development and adoption of regulations, codes, and ordinances that increase community resilience.	Coastal Habitat, Nutrients, Community-Driven Resilience Planning, Habitat Connectivity, Conserved Open Space
SRC 3-3	Implement nature-based solutions to address flooding and other climate impacts while providing multiple benefits.	Nutrients, Coastal Habitat, Fostering Stewardship and Sustainable Behaviors, Watershed Health, Pathogens
SRC 3-4	Implement priority infrastructure projects that increase community sustainability and resilience to flooding and other climate impacts.	Coastal Habitat, Habitat Connectivity, Nutrients, Pathogens
SRC 3-5	Monitor, maintain, and adaptively manage resilience projects to ensure their long-term success.	Coastal Habitat, Habitat Connectivity, Informed Decision-Makers

APPENDIX C

Action #	2025 Action	Connection to Additional 2025 Objectives
IEP 1-1	Collaborate with local government, environmental groups, and community leaders to increase and improve public access and a sense of belonging.	Conserved Open Space, Informed Decision-Makers, Resilience Initiative Implementation, Community-Driven Resilience Planning
IEP 1-2	Develop and implement projects that increase the number and quality of public access sites.	Conserved Open Space, Resilience Initiative Implementation, Education and Environmental Literacy, Fostering Stewardship and Sustainable Behaviors
IEP 1-3	Promote a sense of belonging at public access sites through events, festivals, celebrations, materials, and programming.	Conserved Open Space, Education and Environmental Literacy, Fostering Stewardship and Sustainable Behaviors
IEP 2-1	Increase collaboration between environmental education partners to expand the visibility of existing programs and to promote the creation of new initiatives.	Community-Driven Resilience Planning
IEP 2-2	Host and promote opportunities to participate in Long Island Sound-based formal and informal educational programs tailored for multiple user groups and ages.	Conserved Open Space, Public Access and Sense of Belonging, Fostering Stewardship and Sustainable Behaviors
IEP 2-3	Develop engaging, multilingual, and innovative Long Island Sound educational and informational materials, tools, and activities for people of all ages and abilities.	Public Access and Sense of Belonging, Fostering Stewardship and Sustainable Behaviors
IEP 2-4	Support efforts to assess the public's understanding of Long Island Sound and its watershed.	N/A
IEP 3-1	Increase opportunities to involve the public in the monitoring, restoration, and conservation of Long Island Sound and its ecosystems through volunteerism, participatory science, and community-led action.	Nutrients, Pathogens, Marine Debris, Coastal Habitat, Conserved Open Space, Community-Driven Resilience Planning
IEP 3-2	Investigate the relationship between the public and the Long Island Sound ecosystem through social science research.	Education and Environmental Literacy
IEP 3-3	Develop campaigns and share messages to encourage residents, both homeowners and renters, to adopt environmentally friendly practices at home, school, work and in their communities.	Nutrients, Watershed Health, Pathogens, Toxic Contaminants, Marine Debris, Education and Environmental Literacy
IEP 3-4	Promote environmentally friendly behaviors at the Sound, its coast, and its tributaries through outreach to beachgoers, boaters, anglers, and other users of the Sound.	Marine Debris, Coastal Habitat, Education and Environmental Literacy
IEP 3-5	Provide information, programming, incentives, and resources, (e.g., educational toolkits) that enable local environmental groups, municipalities, schools, and other user groups to teach and promote sustainable practices in their communities.	Informed Decision-Makers