

Islip Town Supervisor Angie Carpenter; Councilman James P. O'Connor; Councilman Michael McElwee, Jr.; Councilman John M. Lorenzo and Councilman Jorge Guadron

Islip Town Environmental Council Annual Report 2024

Members: *Ginny Fields, Chair; Vic Gremler; Maureen Dunn; Cathy McConnell; Steve Gellar; Taylor Larson and Gina Caccoperdo*

Thank you for allowing us to present our Islip Town Environmental Council Report once again. ITEC was formed in 1972. As stated in the Legislative Intent: *“The preservation and improvement of the quality of the natural and man-made environment within the Town of Islip in the face of population growth, urbanization and technologic change with their accompanying demands on natural resources, are found to be of increasing and vital importance to the health, welfare and economic well-being of present and future inhabitants and require forthright action by the governing body of the Town of Islip. It is recognized that the biologic integrity of the natural environment on which man is dependent for survival and the natural and functional beauty of our surroundings which condition the quality of our life experience cannot be protected without the full cooperation and participation of all the people of the Town working in partnership with local and state officials and with various public and private institutions, agencies and organizations. Establishment of a council for conservation of the environment is a necessary step in fostering unified action on environmental problems.”*

The powers and duties of the Council include: *“Advising the Town Board on all matters affecting the preservation, development and use of the natural and man-made features and conditions of the Town of Islip insofar as beauty, quality, biologic integrity and other environmental factors are concerned and, in the case of man’s activities and developments, with regard to any major threats posed to environmental quality so as to enhance the long-range value of the environment to the people of the Town of Islip.”*

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Years ago, ITEC recommended that the TOI join the Climate Smart Communities (CSC) program run by NYSERDA (or its sibling Clean Energy Communities (CEC) program) to help the Town begin the process of mitigating and adapting to the considerable negative impacts that climate change will have on our community. We applaud the work that the Department of Environmental Control took to begin that process. Their work enabled the Town to benefit from a grant that funded an intern and now a part-time employee to help the town continue to meet the criteria for that program. Unfortunately, we now see that progress in this area has ground to a halt. There has been little or no progress made in the past year.

As you know, with the passage in 2010 of the Climate Leadership and Community Protection Act (CLCPA, aka the Climate Act), NY state has committed to a transition to a low carbon future, that will lower the risk of climate damage to our imperiled waterfront community. The CSC and CEC programs have been developed by the state to support communities as they make the changes necessary to thrive in the era of rising sea levels, severe storms, and encourage sustainable development and renewable energy. By meeting the goals of these programs, the Town would unlock grants to help pay for the changes necessary to continue this path to a healthier, more equitable and prosperous future. We therefore strongly recommend that the Town issue its efforts toward the goals of the CSC program. This grant money would help us adapt to our changing world.

There is some low hanging fruit that would jump start a renewal of these efforts. The designation of a CSC Coordinator and the creation of a CSC Task Force carry very high point values in the program, and they cost basically nothing. Our own group could provide the core of a CSC Task Force, and assist the position which may be paid, if we can't make the budget. Forming this Task Force would begin the process of gaining points that will bring additional grant money and in addition, the Town already has accomplished many of the actions that accumulate points, getting us even closer to further grant money. (Attached to this document you will find The Climate Smart Communities (CSC) Certification Action Checklist).

The Task Force would be an advisory board that would consist of community members, including representatives of the business community, municipal staff, and local environmental groups. Such a group could provide valuable community buy-in to the changes that we will have to face as a community to survive the upcoming storm – metaphorically and literally and the CSC Coordinator position only needs to be assigned by a **Town Council Resolution.**

This action would provide our community with a core group to help us face the great challenges we face in our changing world, and reinvigorate our commitment to the CSC program, as well as providing funds to help us adapt to a changing future. ITEC recommends that the Town create a Town Council Resolution that will form a CSC Task Force and a CSC Coordinator.

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The State Legislature in its 2024 session failed to pass three major environmental measures supporters say would have made transformative changes. The measures were hurt by the affordability argument. The measure may be revived in a special legislative session later this year or in the 2025 session. The lack of action means the state continues to be at risk of missing its goals under the 2019 Climate Leadership and Community Protection Act to create carbon-free electricity by 2040.

A central driver of our climate crisis is unsustainable land use practices. The U.S cannot reach its greenhouse gas reduction targets if our townships continue to grow as they have in the past. After decades of sprawl , the U.S. has the dubious honor of being a world leader in both building-related energy consumption and vehicle miles traveled per capita. We must prioritize development in the kinds of neighborhoods that permanently reduce total driving and consume less energy. Such human-centered neighborhoods have the added benefit of helping us adapt to climate impacts, improve public health and promote access to activities. Encouraging their development should be a central part of any national climate resilience strategy. *The practice of unsustainable development and overdevelopment is straining local infrastructure, resources and services; causing soil degradation, water pollution and loss of ecosystem services; creates overcrowding, noise pollution and disruption of natural habitats.* Analysis via a series of polls in other areas made the discovery *that people are displeased with congestion and overdevelopment.* In addition, local wildlife species have also been displaced and the lack of trees and greenery is causing flooding to intensify. Encouraging community involvement in decision-making processes can help ensure that development is done in a responsible and sustainable manner.

Islip is a perfect town and because it's such a desirable place, more people want to live here. America's rural, urban and suburban open spaces are dwindling rapidly. Each year about two million acres of open space are converted to other uses—an amount that equals almost 6,000 acres a day—and most of this conversion happens close to where many people live. Some of the most effective policy tools that can either threaten or protect ecosystems are in the hands of county officials, city councils, town boards, local planning staff and the general public. Many people do not realize the power that local communities have to determine their own future.

Indeed, a landmark Supreme Court decision in 1926—Village of Euclid, Ohio v. Ambler Realty Co—stated that ***“every community has the right to determine its own character and the nature of development within”***. This right encompasses decisions of whether or not to grow, how to grow, and how to conserve open space and other resources that the community perceives as valuable. As a result, local governments have the power to create land-use plans that control growth and development while directing development to locations where sewer, water, roads and other public infrastructure are already available. This means that no community is required to follow the path of urban sprawl and exurban development, an approach that is expensive, wasteful of energy and likely to fragment open space.

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We believe that we've reached a tipping point for many of us who have been here....we know that things cannot stay the same but we want to preserve the very best that Islip has to offer and that is its diversity, both in race and economics. Much of our green space is now being overdeveloped. So far, results have been less than ideal and we don't seem to have a policy dedicated to preserving the area's open green space. To that point, two parcels that were formerly golf areas (in Sayville and Oakdale) are now either turning into huge apartment complexes or the developers are looking to rezone.

ITEC would like to see the Town exercise its powers to preserve these types of properties for future generations by preventing downzoning. We do realize the issue of green space is a rather complicated one. Pressures of overdevelopment are squeezing our community. Residents have begun to notice and are pushing back. They are feeling that enough is enough. We would like to restore the balance here between the natural ecology and the social ecology of the community. There is no viable global solution to the climate crisis without improving the ways we use our land. Trees eat the greenhouse gasses that cause climate change, helping slow the gas's building in our atmosphere that has been rapidly warming our planet. Smarter management of trees, plants and soil in the U.S. alone could store the equivalent carbon of taking 57 million cars off the road! Older, larger trees store a lot more carbon than young trees, so it's important that in addition to planting new trees, we conserve and protect our trees and forests. Trees also remove the kind of air pollution that is more dangerous to our lungs: particulate matter. Trees' leaves will filter this dangerous pollution, but only if they're planted near the people who need them; most of the filtration occurs within 100 feet of a tree. In addition, as temperatures are rising and heat waves are getting longer due to climate change, some places feel the heat more than others. Neighborhoods with lots of pavement absorb more heat and can be 5-8 degrees hotter than surrounding areas. These areas also stay hotter later into the night, which is detrimental to our health. A tree's shade acts like a natural air conditioning and can even keep down the energy costs of our actual air conditioning systems, which are increasingly working overtime. Trees also store and filter more than half of the water supply in the U.S. Oftentimes, developers and homeowners clear ALL or most of the trees. Properties should not end up being a desert.

ITEC recommends fines and stronger codes for abuses of clearing and stronger means for enforcement. The present code doesn't seem to have enough teeth. In addition, we need ***stronger protection*** for whatever is left on property that is being developed (leaving hedgerows or vegetation for example). Additionally, we suggest ***Remediation Plans*** (adding back trees, bushes and more). We also suggest ***FINES*** being levied in the cases where developers and homeowners who destroy trees on properties, and also suggest that properties be remediated where destruction has occurred, especially without permission and permits. I have personally witnessed my neighbor destroying many trees and bulldozing property without permits. It took months and months to stop the destruction and, from my understanding, the owner did not pay anything in fines, nor did he have to remediate any of the destruction. We also have reports of residents throughout the Town who complain of the same situations.

Islip Town's Comprehensive Plan is set to be updated this year for the first time since 1977 and will play a crucial role in guiding growth and development in the coming decades.

As members of ITEC, we respectfully request that we be part of the meetings in the development of the Comprehensive Management Plan so that we can have some input.

ITEC commends Islip Town for its plan to expand the Islip Regional Shellfish Hatchery. The Town aims to increase shellfish production from between 20-40 million juvenile clams and oysters to between 100 and 200 million. Demand from other towns has outpaced the supply and this new facility will enable the Town of Islip to accommodate the region's growth. This will benefit not only marine life but also industries such as tourism and recreation that rely on healthy ecosystems.

ITEC supports the Ballot Measure for new sewers and septic systems—The Legislature has proposed a sales tax increase for 50 years of funding for construction of new sewers and septic systems on November 5th. This will safeguard our environment and improve water quality for generations to come.

ITEC has a vacant position available for a Student Representative. **ITEC recommends that a Student Representative be appointed to the Council**

Respectfully submitted,

Ginny Fields
Vic Gremler
Maureen Dunn
Steve Gellar
Cathy McConnell
Taylor Larson
Gina Caccoperdo

Climate Smart Communities (CSC) Certification Action Checklist - Version 4.2 (December 17, 2021)

| Climate Smart Communities (CSC) Certification Action Checklist - Version 4.2 | | | | |
|--|-----------------|---|---------|---------------------------|
| Please note: the information below is only an overview; it does not represent the most current description of the CSC certification actions. For full details and the most current information, please visit this webpage: https://climatesmart.ny.gov/actions-certification/actions/ | | | | |
| CEC: These actions are related to the NYSERDA Clean Energy Communities (CEC) high-impact actions. See this website for more info about CEC: https://www.nysesda.ny.gov/cec | | | | |
| Under Review: These italicized actions are currently unavailable; they are being reviewed by the CSC interagency team. | | | | |
| CSC Grants: These actions may be fundable under the certification category of the DEC's CSC Grant Program. For details see this webpage: http://www.dec.ny.gov/energy/109181.html#CSC | | | | |
| Action Name (version 3) | Legacy Action # | Legacy Name(s) | Points | Type/Status |
| PE1: Build a climate-smart community. | | | | |
| PE1 Action: CSC Task Force | 1.2 | Create a community Climate Smart Community task force focused on climate mitigation and adaptation | 20 | Mandatory |
| PE1 Action: CSC Coordinator | 1.3 | Appoint a Climate Smart Community coordinator | 10 | Mandatory |
| PE1 Action: National/Regional Climate Program | 1.5 | Join a national or regional climate campaign or program | 3 | |
| PE1 Action: Partnerships with Other Entities | 10.3 | Cooperate with neighboring communities and partner agencies | 3 | |
| PE2: Inventory emissions, set goals, and plan for climate action. | | | | |
| PE2 Action: Government Operations GHG Inventory | 2.1 | Develop a government operations GHG emissions inventory | 16 | Priority, CSC Grants |
| PE2 Action: Community GHG Inventory | 2.2 | Develop a community GHG emissions inventory | 16 | Priority, CSC Grants |
| PE2 Action: Government Operations Climate Action Plan | 2.5 | Develop a government operations climate action plan | 12 - 16 | Priority, CSC Grants |
| PE2 Action: Community Climate Action Plan | 2.6 | Develop a community climate action plan | 16 | Priority, CSC Grants |
| PE3: Decrease energy use. | | | | |
| PE3 Action: Government Building Energy Audits | 3.1 | Conduct energy audits of local government buildings | 8 - 16 | Priority, Revised Q4 2021 |
| PE3 Action: Interior Lighting Upgrades | 3.2 | Upgrade interior lighting | 1 - 5 | |
| PE3 Action: HVAC Upgrades | 3.3 | Upgrade HVAC equipment | 1 - 5 | |
| PE3 Action: Water-efficient Fixtures | 3.4 | Install water-efficient fixtures | 1 - 4 | |
| PE3 Action: Building Energy Management System | 3.5 | Install a building energy management system (EMS) | 1 - 5 | |
| PE3 Action: Benchmarking - Municipal Buildings | 3.32 | Adopt an energy benchmarking requirement for government-owned buildings | 2 - 4 | CEC |
| PE3 Action: Clean Energy Upgrades | NA | NA (Released as part of version 3) | 10 | CEC |
| PE3 Action: Green Building Standard for Government Buildings | 3.7 | Adopt a green building standard for local government buildings and facilities | 2 - 4 | |
| PE3 Action: Green Building Certification | 3.8 | Build a new green building | 15 | |
| PE3 Action: Fleet Inventory | NA | NA (Released as part of version 3) | 4 | CSC Grants |
| PE3 Action: Fleet Efficiency Policy | 3.10 | Adopt a vehicle fleet efficiency policy | 2 - 3 | CSC Grants |
| PE3 Action: Fleet Rightsizing | 3.11 | Right-size the local government fleet | 1 - 3 | |
| PE3 Action: Advanced Vehicles | 3.12 | Replace traditional vehicles with advanced vehicles | 2 - 10 | CEC |
| PE3 Action: LED Street Lights | 3.15 | Convert streetlights to LED | 4 - 12 | CEC |
| PE3 Action: LED Traffic Signals | 3.16 | Convert traffic signals to LED | 1 - 4 | |
| PE3 Action: Outdoor Lighting Reduction | 3.17 | Reduce number of outdoor lighting fixtures | 1 - 4 | |
| PE3 Action: Outdoor Lighting Upgrades | 3.18 | Upgrade outdoor lighting (other than streetlights and traffic signals) to more efficient and/or solar technology | 1 - 4 | |
| PE3 Action: Environmentally Preferable Purchasing Policy | 3.24 | Adopt an environmentally preferable purchasing policy | 1 - 4 | |
| PE3 Action: Financing Mechanism for Government Energy Projects | 3.25 | Establish a financing mechanism for energy efficiency and renewable energy projects in government owned buildings | 5 | |
| PE3 Action: Waste & Energy Provisions in Government Contracts | 3.26 | Incorporate energy efficiency and waste handling provisions in standard specifications and government contracts | 1 - 3 | |
| PE3 Action: Incentives for Employee Carpooling & Transit | 3.28 | Subsidize and incentivize employee alternative commuting | 1 - 3 | |
| PE3 Action: Energy Code Enforcement Training | NA | NA (Released as part of version 3) | 5 | CEC |
| PE4: Shift to clean, renewable energy. | | | | |
| PE4 Action: Green Power Procurement Policy | 4.1 | Adopt a green power purchase policy to ensure increasing local government energy supplies come from renewables | 2 - 4 | |

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| Action Name (version 3) | Legacy Action # | Legacy Name(s) | Points | Type/Status |
|---|-----------------|--|--------|------------------------|
| PE4 Action: Renewable Energy Feasibility Studies | 4.3 | Conduct feasibility studies for renewable energy installations | 3 - 5 | |
| PE4 Action: Renewable Energy Certificates | 4.4 | Purchase renewable energy credits (RECs) | 2 - 12 | CEC, Revised Q4 2021 |
| PE4 Action: Heat Pumps | 4.5 | Install a geothermal heat pump or other geothermal technology at a new or existing public facility. (Version 3 name: PE4 Action: Geothermal Installation) | 9 - 22 | CEC |
| PE4 Action: Solar Energy Installation | 4.6 | Install solar hot water and/or solar photovoltaic technology on public property | 9 - 20 | |
| PE4 Action: Power Purchase Agreement for Renewables | 4.7 | Serve as a host site for a renewable energy installation and enter into a long-term service contract or power purchase agreement (PPA) | 9 - 20 | |
| PE4 Action: Wind Energy Installation | 4.8 | Install a wind system on public property | 9 - 20 | |
| PE4 Action: Wood Pellet Installation | 4.9 | Install a wood pellet heating system on public property | 6 - 17 | |
| PE4 Action: County-hosted Trainings | NA | NA (new action) | 3 - 15 | CEC, New as of Q4 2021 |
| PE5: Use climate-smart materials management. | | | | |
| PE5 Action: Organics Management Plan | NA | NA (Released as part of version 3) | 2 - 16 | CSC Grants |
| PE5 Action: Government Solid Waste Audit | 3.23 | Conduct a local government waste audit and track diversion rate over time | 2 | |
| PE5 Action: Recycling Bins in Government Buildings | 3.20 | Provide recycling bins next to all trash receptacles in local government buildings | 3 | |
| PE5 Action: Organic Waste Program for Government Buildings | 3.21 | Provide organic waste collection and composting in local government buildings | 1 - 3 | |
| PE5 Action: WasteWise Program | 5.3 | Participate in the EPA WasteWise program | 1 - 2 | |
| PE5 Action: Construction & Demolition Waste Policy | 5.5 | Adopt a construction and demolition waste reduction program or policy | 2 - 6 | CSC Grants |
| PE5 Action: Reuse Programs | 5.6 | Set up and manage a resource recovery center to encourage reuse of gently used or new materials that have been discarded. (Version 3 name: PE5 Action: Resource Recovery Center) | 1 - 7 | Revised Q4 2021 |
| PE5 Action: Recycling Program for Public Places & Events | 5.9 | Provide recycling bins in public places and events | 2 - 6 | Revised Q4 2021 |
| PE5 Action: Waste Reduction Education Campaign | 5.13 | Create an educational campaign to encourage recycling, composting and waste reduction | 2 | |
| PE5 Action: Community Repair | NA | NA (Released as part of version 3 in 2020) | 4 | Revised Q4 2021 |
| PE5 Action: Compost Bins for Residents | 5.10 | Provide compost bins to residents (for sale or free) | 2 | |
| PE5 Action: Residential Organic Waste Program | 5.11 | Create an organics or yard waste collection program | 2 - 22 | |
| PE6: Implement climate-smart land use. | | | | |
| PE6 Action: Comprehensive Plan with Sustainability Elements | 6.1 | Develop and adopt a comprehensive plan with sustainability elements | 3 - 21 | Priority, CSC Grants |
| PE6 Action: Smart Growth Policies | 6.2 | Incorporate smart growth principles into land-use policies and regulations | 1 - 10 | Revised Q4 2021 |
| PE6 Action: Unified Solar Permit | 6.3 | Adopt a renewable energy ordinance | 5 | CEC |
| PE6 Action: NYStretch Energy Code | NA | NA (Released as part of version 3) | 10 | CEC |
| PE6 Action: Green Building Ordinance | 6.4 | Establish green building codes | 1 - 6 | Revised Q4 2021 |
| PE6 Action: Resource-efficient Site Design | 6.5 | Create resource-efficient site design guidelines (non-reviewable) | TBD | Under Review |
| PE6 Action: Incentives for Renewable Energy & Efficiency Projects | 6.6 | Incentivize renewable energy and energy efficiency projects | TBD | Under Review |
| PE6 Action: Policies for Local Food Systems | 6.7 | Adopt land-use policies that support or incentivize farmers' markets, community gardens and urban and rural agriculture | 1 - 4 | Revised Q4 2021 |
| PE6 Action: GreenLTES | 3.27 | Utilize a green or sustainability rating system for infrastructure improvement projects | 6 - 15 | |
| PE6 Action: Green Parking Lot Policies | 6.8 | Adopt green parking lot standards | 1 - 4 | Revised Q4 2021 |
| PE6 Action: Complete Streets Policy | 6.9 | Adopt a complete streets policy | 4 | Priority, CSC Grants |

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|---|-----------------|---|--------|---|
| PE6 Action: Planning for Biking & Walking | 6.10 | Implement strategies that support bicycling and walking. (In Q4 2020, this action was split into two actions - one for planning, one for infrastructure.) | 3 | CSC Grants, Revised Q4 2021 |
| PE6 Action: Infrastructure for Biking & Walking | 6.10 | Implement strategies that support bicycling and walking. (In Q4 2020, this action was split into two actions - one for planning, one for infrastructure.) | 2 - 12 | Revised Q4 2021 |
| PE6 Action: Alternative-fuel Infrastructure | 6.11 | Install electric-vehicle infrastructure | 4 - 18 | Priority, CEC |
| PE6 Action: Access to Public Transit | 6.12 | Implement strategies that increase public transit ridership and alternative transport modes | 1 - 9 | Revised Q4 2021 |
| PE6 Action: Safe Routes to School | 6.13 | Implement a Safe Routes to School program | 3 | Revised Q4 2021 |
| PE6 Action: Traffic Calming | 6.14 | Implement traffic calming measures | 3 - 7 | Revised Q4 2021 |
| NA | 6.15 | Adopt and enforce an anti-idling ordinance | 1 - 3 | Retired in Q4 2021 (removed from program) |
| PE6 Action: Natural Resources Inventory | 6.17 | Develop a natural resource inventory | 8 - 10 | Priority, CSC Grants |
| PE6 Action: Local Forestry Program | 6.18 | Develop a local forestry or tree planting project or program | 1 - 10 | Revised Q4 2021 |
| PE6 Action: Zoning for Protection of Natural Areas | 6.19 | Preserve natural areas through zoning or other regulations | 2 - 6 | Revised Q4 2021 |
| PE7: Enhance community resilience to climate change. | | | | |
| PE7 Action: Climate Vulnerability Assessment | 7.1 | Conduct a vulnerability assessment | 4 - 16 | Priority, CSC Grants |
| PE7 Action: Evaluate Policies for Climate Resilience | 7.3 | Review existing community plans and projects to identify climate adaptation strategies and policies or projects that may decrease vulnerability. (Version 3 name: PE7 Action: Climate Smart Resiliency Planning) | 6 | Priority, CSC Grants |
| PE7 Action: Climate Adaptation Plan | 7.2 & 7.4 | 7.2 Develop a climate resilience vision and goals (Version 3 name: PE7 Action: Climate Resilience Vision) was combined with 7.4 Develop climate adaptation strategies (Version 3 name: PE7 Action: Climate Adaptation Strategies) in Q4 2020. | 3 - 15 | Priority, CSC Grants, Revised Q4 2021 |
| PE7 Action: Climate-resilient Hazard Mitigation Plan | 7.6 | Update the multi-hazard mitigation plan to address changing conditions and identify specific strategies to reduce vulnerability to natural hazards. (Version 3 name: PE7 Action: Hazard Mitigation Plan) | 4 | Revised Q4 2021 |
| PE7 Action: Heat Emergency Plan | 7.7 | Develop and implement a heat emergency plan | 6 | CSC Grants |
| PE7 Action: Shade Structures Policy | 7.8 | Require shade structures and features in public spaces | 4 | |
| PE7 Action: Cooling Centers | 7.9 | Open new or expand existing cooling centers | 1 - 9 | Revised Q4 2021 |
| PE7 Action: Conserve Natural Areas | 7.13 | Conserve natural areas for species migration and ecosystem resilience. (Version 3 name: PE7 Action: Conservation of Natural Habitats) | 1 - 21 | |
| PE7 Action: Watershed-based Flood Mitigation Plan | 7.10 | Create or update a watershed assessment to identify flooding and water quality priorities. (Version 3 name: PE7 Action: Watershed Assessment) [In Q4 2020, this action split into two actions - one for flooding, one for water quality.] | 2 - 5 | |
| PE7 Action: Design Flood Elevation & Flood Maps | 7.20 | Require consideration of sea-level rise in planning coastal development | 2 - 14 | |
| PE7 Action: Freeboard Policies | 7.19 | Extend areas in which the two-foot freeboard requirement applies | 4 - 19 | |
| PE7 Action: Green Infrastructure | 7.16 | Use green infrastructure to manage stormwater in developed areas | 1 - 14 | |
| PE7 Action: Culverts & Dams | 7.21 | Right-size bridges and culverts, and remove unnecessary and hazardous dams | 2 - 24 | |
| PE7 Action: Riparian Buffers | 7.12 | Conserve, revegetate and reconnect floodplains and buffers in riparian areas (Version 3 name: PE7 Action: Restoration of Floodplain) | 2 - 14 | |
| PE7 Action: Strategic Relocation | 7.14 | Facilitate a strategic relocation of uses that are not water dependent from flood prone areas | 4 - 11 | |
| PE7 Action: Nature-based Shorelines | 7.18 | Use natural, nature-based or ecologically enhanced shoreline protection | 2 - 12 | |

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|--|-----------------|---|---------|----------------------|
| PE7 Action: National Flood Insurance Program Community Rating System | 7.15 | Promote community flood prevention strategies through the National Flood Insurance Program Community Rating System | 3 - 9 | |
| PE7 Action: Watershed Plan for Water Quality | 7.1 | Create or update a watershed assessment to identify flooding and water quality priorities. (Version 3 name: PE7 Action: Watershed Assessment) [In Q4 2020, this action split into two actions - one for flooding, one for water quality.] | 2 - 6 | |
| PE7 Action: Source Water Protection | 7.25 | Implement a source water protection program | 6 - 10 | |
| PE7 Action: Water Conservation & Reuse | 7.23 | Implement a water conservation and reuse program | 2 - 6 | |
| PE7 Action: Water-smart Landscaping | 7.24 | Encourage xeriscaping | 1 - 6 | Revised Q4 2021 |
| PE7 Action: Early Warning Systems and Evacuation Plans | 7.22 | Develop or enhance early warning systems and community evacuation plans | | Under Review |
| PE8: Support a green innovation economy. | | | | |
| PE8 Action: Green Jobs Training | 8.1 | Create a green jobs training program | 3 | |
| PE8 Action: Green Vendor Fairs | 8.2 | Hold green vendor fairs | 2 | |
| PE8 Action: Green Economic Development Plans | 8.3 | Include green industries in economic development plans | 4 | |
| PE8 Action: Farmers' Markets | 8.6 | Create and promote local farmers' markets | 3 | |
| PE8 Action: Buy Local/Buy Green Campaign | 8.7 | Create a "buy local/buy green" campaign | 2 | |
| PE8 Action: Brownfield Clean-up & Redevelopment | 8.8 | Redevelop a brownfield site | 1 - 18 | |
| PE8 Action: Incentives for Green Businesses | 8.9 | Establish incentives for green industry or businesses to locate in community | 4 | |
| PE8 Action: Benchmarking - Large Private Buildings | 8.11 | Adopt energy benchmarking requirements for privately owned buildings. (Version 3 name: PE8 Action: Energy Benchmarking for Privately Owned Buildings) | 12 | CEC |
| PE8 Action: PACE Financing | 8.12 | Establish a residential energy efficiency financing program. (Version 3 name: PE8 Action: Financing Program for Building Energy Efficiency) | 7 - 15 | CEC |
| PE8 Action: Community Choice Aggregation | NA | NA (Released as part of version 3) | 12 - 33 | CEC, Revised Q4 2021 |
| PE8 Action: Rooftop Solarize Campaign | NA | (Version 3 name: PE8 Action: Solarize, Clean Heating & Cooling, or Solar for All Campaign) | 3 | |
| PE8 Action: Community Campaigns | NA | NA (Released as part of version 3) | 3 - 12 | CEC |
| PE9: Inform and inspire the public. | | | | |
| PE9 Action: Climate Change Education & Engagement | 9.1 | Create a climate change education, outreach, and engagement program, focusing on mitigation and adaptation | 4 - 8 | Priority |
| PE9 Action: Energy Reduction Campaign | 9.2 | Create and support an energy reduction campaign or challenge | 5 | |
| PE9 Action: Climate-related Public Events | 9.3 | Host climate-related educational seminars, workshops, conferences, or fairs | 3 | |
| PE9 Action: Local Climate Action Website | 9.4 | Maintain a website on local climate protection efforts | 3 | |
| PE9 Action: Social Media | 9.5 | Use social media to inform the community about the progress of local government's efforts | 3 | |
| PE10: Engage in an evolving process of climate action. | | | | |
| PE10 Action: GHG Tracking System | 3.31 | Implement an energy or GHG management system | 5 | |
| PE10 Action: Annual Progress Report | 10.1 | Report on progress annually | 4 | |
| PE10 Action: Updates to Strategies & Plans | 10.2 | Update strategies and plan(s) | 4 | |
| Innovation | | | | |
| Innovation: New Innovative Actions | 11.1 | Implement a new innovative action | 3 - 18 | |
| Innovation: Innovative Approaches to Existing CSC Actions | 11.2 | Implement an action using an innovative approach | 5 - 10 | |
| Performance | | | | |
| Performance: Reduce GHGs from Government Facilities | 12.1 | Reduce GHG emissions from government owned facilities | 15 - 45 | |
| Performance: Reduce GHGs from Government Vehicles | 12.2 | Reduce GHG emissions from government owned vehicles | 15 - 45 | |
| Performance: Reduce Solid Waste from Government Operations | 12.4 | Reduce waste volume from local government operations | 3 - 10 | |