

# Sustainable and Resilient Communities

## NYS Planning and Guidance Documents

- [NYS DOS Resilience Planning](#)
  - [NYS Adopted Sea Level Rise Projections](#)
- [Model Local Laws to Increase Resilience](#)
- [NYSDEC/DOS Natural Measures to Reduce the Risk of Flooding and Erosion](#)
- [NYSDEC Living Shoreline Techniques in the Marine District](#)

## Mapping Tools

- [NYS Sea Level Viewer](#) (\*shows extent of coastal floodplain and wave action, compared to today, under various sea level rise scenarios)
- [Suffolk County Hazard Mitigation Mapping Tool](#)
- [NY Sea Grant Long Island Dynamic Shorelines Story Map](#)
- [LISS Interactive Marsh Viewer](#)
- [TNC Atlas Tool: Road-Stream and Tidal Crossing Prioritization for Suffolk County](#) (in addition to displaying information on culverts, it includes a lot of other useful data on flooding, marsh changes, etc. under baselayers)
- [Tree equity score](#)
- [Sound Health Explorer](#)

## Additional Sea Level Rise Resources

- [Interagency Sea Level Rise Scenario Tool](#) (updated projections from the 2022 Sea Level Rise Technical Report)
- [Application Guide for the 2022 Sea Level Rise Technical Report](#)
- [NOAA Sea Level Rise Viewer](#)

## Resources for Homeowners

- [Long Island Sound Study - What You Can Do](#)
- [Reduce Nitrogen Pledge](#)
- [Suffolk County Septic Improvement Program](#)
- Homeowner Reward Program through [LIRPC](#) and NEIWPC (*Coming Spring 2023*): The program will be modeled after the [Peconic Estuary Homeowner Rewards Program](#) and expanded island wide. The PEP website has an [interactive tool and plant database](#) to help individuals and organizations plan eco-friendly landscaping projects that use native plants which reduce nitrogen and other sources of pollution
- [NY Sea Grant Long Island Dynamic Shorelines Story Map](#)

## NYS Climate Smart Communities Program and Clean Energy Communities Program

\*For assistance contact Long Island CSC & CEC Coordinator Sarah Oral, [soral@cameronengineering.com](mailto:soral@cameronengineering.com)

The **Climate Smart Communities (CSC)** Certification program supports your local government in building a sustainable, balanced climate action program, one step at a time. Registered communities have made a commitment to act by passing the CSC pledge. Certified communities are the foremost leaders in the state; they have gone beyond the CSC pledge by completing and documenting a suite of actions that mitigate and adapt to climate change at the local level. <https://climatesmart.ny.gov/>

The **Clean Energy Communities (CEC) Program** provides the tools and resources you need to take your community to the next level, with new High Impact Action items and increased access to grant funding. You can customize your participation in the program to best fit the needs and resources of your community and bring energy savings and economic opportunities to your community. Communities that complete at least four high-impact actions are eligible to apply for grants to fund additional clean energy projects and earn the Clean Energy Communities designation. <https://www.nyserda.ny.gov/All-Programs/clean-energy-communities>

### **FEMA Community Rating System**

The Community Rating System (CRS) is a voluntary incentive program that recognizes and encourages community floodplain management practices that exceed the minimum requirements of the National Flood Insurance Program (NFIP). Over 1,500 communities participate nationwide. In CRS communities, flood insurance premium rates are discounted to reflect the reduced flood risk resulting from the community's efforts that address the three goals of the program: 1) Reduce and avoid flood damage to insurable property, 2) Strengthen and support the insurance aspects of the National Flood Insurance Program, and 3) Foster comprehensive floodplain management. More info here <https://www.fema.gov/floodplain-management/community-rating-system>

### **NYSACC Coastal Resiliency Network**

\*Contact Camille Guigliano and Simon Skolnik at [coastal.resiliency.network@gmail.com](mailto:coastal.resiliency.network@gmail.com)

Newly formed group covering the shorelines facing the Atlantic Ocean and Long Island Sound in Nassau, Suffolk, and Westchester Counties. The Network is focused on bringing municipalities together, primarily through municipal environmental commissions, to address sea level rise.

### **New App: MyCoast NY**

NY Sea Grant has launched [MyCoast NY](#), an online portal for collecting and analyzing photos of flooding and storm damage. When a photo report is submitted, it is automatically linked to the closest weather, river, and tidal gauge data to help provide context to the photo, and then posted to the [mycoast.org/ny](http://mycoast.org/ny) website for anyone to see. Anyone may contribute a photo of local flooding and storm damage. Photo reports can be submitted through the app or the website. Both the website and app require registration. Visit the [website](#) or download the app: [iPhone](#) / [Android](#)



The two tools are:

- High Water: Tracking (any type of) flooding across the state. This includes riverine, coastal, and shallow flooding (pluvial), such as flooding due to stormwater overflows and poor urban drainage.
- Storm Reporter: Documenting storm damage across the state.

This is two-year pilot project is funded by the National Sea Grant Office and the New York State Water Resources Institute at Cornell University.