RESOURCES

NEW YORK STATE FLOODPLAIN AND STORMWATER MANAGERS ASSOCIATION (NYSFSMA)

Founded in 2000, NYSFSMA brings together New York State professionals to foster awareness, information exchange, and cooperation in the floodplain and stormwater management fields. NYSFSMA has compiled numerous training resources related to floodplain management, flood hazard mapping, flood insurance, flood mitigation, managing disasters, and other related topics on their website.

To access these resources, please visit: **nyfloods.org**

COMMUNITY RISK AND RESILIENCY ACT (CRRA)

The Community Risk andd Resiliency Act (CRRA), enacted in 2014, requires the DEC to adopt science-based sea-level rise projections, develop guidance on the use of natural resources and natural processes to enhance community resilience, and develop model local laws to increase community resilience. It also requires applicants for its permit programs to demonstrate that climate hazards has been considered in project design, and state public infrastructure agencies to consider mitigation of risk due to sea-level rise, storm surge, and flooding.

To learn more about the CRRA, please visit: **dec.ny.gov/energy/102559.html**

To read the NYS Flood Risk Management Guidance, please visit: **dec.ny.gov/docs/administration_pdf/crrafloodriskmgmtgdnc.pdf**

To read Using Natural Measures to Reduce the Risk of Flooding and Erosion, please visit: **dec.ny.gov/docs/administration_pdf/crranaturalmeasuresgndc.pdf**

To read Model Local Laws to Increase Resilience, please visit: **dos.ny.gov/opd/programs/resilience/**

RESILIENT NY PROGRAM

Launched in 2018, the Resilient NY program studies 48 high-priority flood-prone watersheds throughout New York State to identify the causes of flooding within each watershed, and develop, evaluate, and recommend effective and ecologically sustainable flood and ice jam hazard mitigation projects.

To learn more about the program and read the completed studies, please visit: **dec.ny.gov/lands/121102.html**

RESOURCES

KEY ACTIONS TO PROMOTE FLOOD RESILIENCE FOR NYS COMMUNITIES

This list, created by the NYS Water Resources Institute, Cornell Cooperative Extension of Tompkins County, and the Syracuse University Environmental Finance Center, lays out ten key actions that NYS communities can take to both become more resilient to flooding and to fulfill the requirements of the Climate Smart Communities program and the Community Rating System program.

To read the full list, please visit: **wri.cals.cornell.edu/sites/wri.cals.cornell.edu/files/shared/FloodResilCrosswalk_v1.pdf**

To learn more about the Climate Smart Communities program, please visit: **climatesmart.ny.gov**

To learn more about the Community Rating System, please visit: **fema.gov/flood-insurance/rules-legislation/community-rating-system**

BUILDING COMMUNITY RESILIENCE WITH NATURE-BASED SOLUTIONS

FEMA created this guide to help communities learn about nature-based solutions to building resilience, planning processes and programs, as well as federal funding sources, that can be used to invest in nature-based solutions, and how to implement these solutions.

To read this guide, please visit: **fema.gov/sites/default/files/2020-09/fema_Riskmap-nature-based-solutions-guide-2020_071520.pdf**

NATURAL AND NATURE-BASED FLOOD MANAGEMENT: A GREEN GUIDE

This guide, developed by the World Wildlife Fund, provides a step-by-step framework for flood managers to understand the factors contributing to flood risk in their region, and to pull together the appropriate policies, nature-based solutions, and traditional engineering to address the problem.

To access this guide, please visit: **worldwildlife.org/publications/natural-and-nature-based-flood-management-a-green-guide**

STREAMSTATS

StreamStats is a web-based Geographic Information Systems (GIS) application that floodplain managers can use to estimate the extent of future floods.

To access the application, please visit: **streamstats.usgs.gov/ss/**