Assessing Flood Risks and Planning for Resiliency in NJ: The Use of Online Mapping and Planning Tools
Sandy.
New Jersey: Home Rule.
Resilient

Collaboration
Planning
Understanding
Community
Adapt
Better
Anticipate
Strong

Preparedness
Overcome challenges
People
Social capital
Local
Communications
Planning
People
Com back stronger

Avoid
Adjust
Strong

Learn ing
Smart
Minimize risk
Prevent ing damage
Self-reliance

Adversity
Thoughtful
Diverse
Act together
Holistic
Training Systems
Adapt
Respond to threats

Connect
Weather the storm
Tight-knit
Connect

Mitigation
Notify
Prevent ing damage
Self-reliance

Understand ing
Preparedness
Overcome challenges
People
Social capital
Local
Communications
Getting to Resilience.
National Estuarine Research Reserves

- Padilla Bay, WA
- South Slough, OR
- San Francisco Bay, CA
- Elkhorn Slough, CA
- Tijuana River, CA
- Lake Superior, WI
- Old Woman Creek, OH
- Hudson River, NY
- Jacques Cousteau, NJ
- Chesapeake Bay, MD
- Chesapeake Bay, VA
- North Carolina, NC
- North Inlet/Winyah Bay, SC
- ACE Basin, SC
- Sapelo Island, GA
- Guana Tolomato Matanzas, FL
- Apalachicola, FL
- Mission-Aransas, TX
- Mission-Aransas, TX
- Apalachicola, FL
- Rookery Bay, FL
- Jobos Bay, PR
Resilience.

Assess
Evaluate Your Municipal Risks and Vulnerabilities

Plan
Utilize Getting to Resilience to Plan for the Future

Implement
Take Actions to Increase Municipal Preparedness
Assess
Evaluate Your Municipal Risks and Vulnerabilities

www.NJFloodMapper.org
Critical Facilities and Sea level Rise
Flood Hazard Areas

Overview
The dark orange layer in the map represents areas designated by FEMA as areas susceptible to 100-year flood events, and the lighter orange layer as areas susceptible to 500-year flood events.

Click on a NOAA tide station in the map to see information on the current frequency of coastal flood events and durations as compared to hypothetical 1 to 3 foot sea level rise scenarios.
Flood Hazard Areas

The dark orange layer in the map represents areas designated by FEMA as areas susceptible to 100-year flood events, and the lighter orange layer as areas susceptible to 500-year flood events.

Click on a NOAA tide station in the map to see information on the current frequency of coastal flood events and durations as compared to hypothetical 1 to 3 foot sea level rise scenarios.

Understanding the Map

Additional Information
2050 Special Flood Hazard Area
Marsh Migration
Storm Surge Cat. 1
Storm Surge Cat. 2
FEMA Flood Zones
Getting to Resilience
A Community Planning Evaluation Tool

This online self-assessment process is a tool to assist communities to reduce vulnerability and increase preparedness by linking planning, mitigation, and adaptation. Through this assessment you will find out how prepared your community is, and how much vulnerable preparedness can be worth valuable points through FEMA’s Community Rating System and Sustainable Jersey.

Plan for your community’s future in the face of climate change

HOW DO I GET TO RESILIENCE?

1. Map Flood Vulnerability
   This user-friendly online flood mapper will help you better visualize your community’s susceptibility to flooding and sea level rise.

2. Assemble Municipal Plans
   The Community Plan Checklist includes a list of municipal and county documents that may assist you in the completing your evaluation.

3. Complete the Evaluation
   Identify planning, mitigation, and adaptation opportunities to reduce vulnerability to flooding and sea level rise and build capacity for community resilience.

4. Discover Links with Other Municipal Programs
   This tool will help you identify connections between preparedness and programs like FEMA’s Community Rating System, Hazard Mitigation Planning and Sustainable Jersey.

5. Explore Related Resources
   Additional tools and best management practices that will help you with vulnerability assessments, outreach, integrated planning, storm preparedness and mitigation.

www.PrepareYourCommunityNJ.org
Municipal Plans

Master Plan
All-Hazards Mitigation Plan
Floodplain Management Plan
Evacuation Plan
Emergency Response Plan
Continuity of Operations Plan
Disaster Recovery Plan
Open Space Plan
Stormwater Management Plan

Municipal Members

Land use Planners
Hazard Mitigation Planners
Floodplain Managers
Emergency Managers
Stormwater Managers
Natural Resource Managers
Municipal Engineers
Town Administrators
Clerks
Risk and Vulnerability Assessments

Public Engagement

Planning Integration

Disaster Preparedness and Recovery

Hazard Mitigation Implementation
**Things to Consider**

Because you provided a “No” response to a question, action suggestions are provided that your community could consider taking to become more "resilient".

**CRS Suggestion**

Because you provided a “Yes” response to the question, you will see how your community could be earning valuable points for your efforts through the Community Rating System.

**Hazard Mitigation Suggestion**

Because you provided a "Yes" response to the question, you will see how your actions could be incorporated into your Hazard Mitigation Plan update.

**Sustainable Jersey Suggestion**

Because you provided a "Yes" response to the question, you will see how your community could be earning points for your efforts through the Sustainable Jersey.

**Inland Suggestions**

As in inland communities, you have considerations that are different than coastal communities. We have provided suggestions for how these topics translate from coastal issues into inland issues.
Getting to Resilience Process

3 meetings

- 2 meetings to discuss resilience issues and complete survey
- 1 recommendation meeting
Post-Sandy Strategic Recovery Planning

- Highlands
- Sea Bright
- Little Egg Harbor
- Tuckerton
- Commercial
- Maurice River
Public Access Resiliency Planning

- Toms River
- Carteret
- Millville
- Keyport
- Long Beach Township
NJ Coastal Community Resilience Initiative

- Somers Point
- Seaside Park
- Ventor
- Millville
- Longport
- Brick
- Margate
- Upper Twp
- Perth Amboy
- South Toms River
- Atlantic Highlands
- Atlantic City
- Brigantine
Implement

Take Actions to
Increase Municipal
Preparedness
Green Infrastructure
Green Infrastructure
Green Infrastructure
Green Infrastructure
Green Infrastructure
Governor Christie Signs Executive Order To Move Forward With Dune Construction And Other Flood Hazard Risk Reduction Measures

Directs Attorney General To Coordinate Acquisition Of Easements, Creates Office Of Flood Hazard Risk Reduction Measures To Lead Effort

Green Infrastructure
Green Infrastructure
Resilience.
Resilience.