



Responding to the Surge:
Resilience.

Resilient

Resilient

Planning

Community

Self-reliance

Anticipate

Strong

Bounce back

Local

Adapt

Understand

Collaboration

Training

Systems

Smart

Minimize risk

Connect

Better

Carry on

Responsibility

Tight-knit

Move forward

Nimble

Leadership

Act together

Diverse

Holistic

Persevere

Consensus

Withstand hardship

Cooperation

Ability

Weather the storm

Preventing damage

Avoid

Adjust

Come back stronger

People

Communities

Social capital

Assessment

Inventory

Thoughtful

Adversity

Communications

Regionally prepared

Prioritize

Sustain

Mitigation

grassroots effort

Respond

Coordinate

Resources

Respond to threats

Redundant systems

Proactive Learning

Resilience.



Understand
the Issues



Assess Risk
and
Vulnerability



Plan for the
Future



Implement
and Adapt





Understand the Issues

Photo credit: N. Psuty

Sea Level Rise Confidence Marsh
Vulnerability Flooding Facilities

Sea Level Rise 6 ft SLR

Legend

- Water Depth
- Low-lying Areas
- Visualization Location

Overview

Use the slider bar above to see how various levels of sea level rise will impact this area.

Levels represent inundation at high tide. Areas that are hydrologically connected are shown in shades of blue (darker blue = greater depth).

Low-lying areas, displayed in green, are hydrologically "unconnected" areas that may flood. They are determined solely by how well the elevation data captures the area's hydraulics. A more detailed analysis of these areas is required to determine the susceptibility to flooding.

Understanding the Map

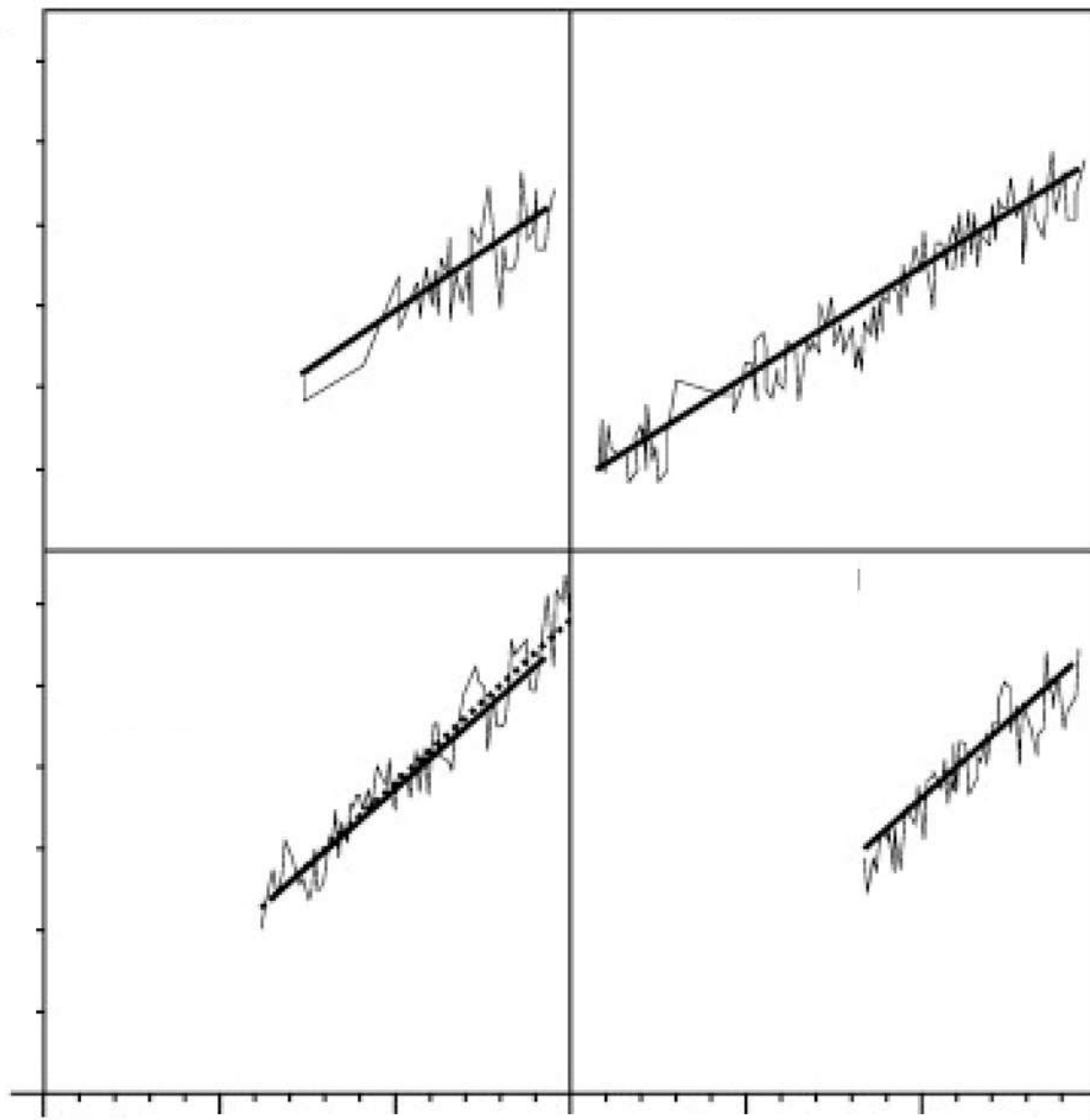
Additional Information

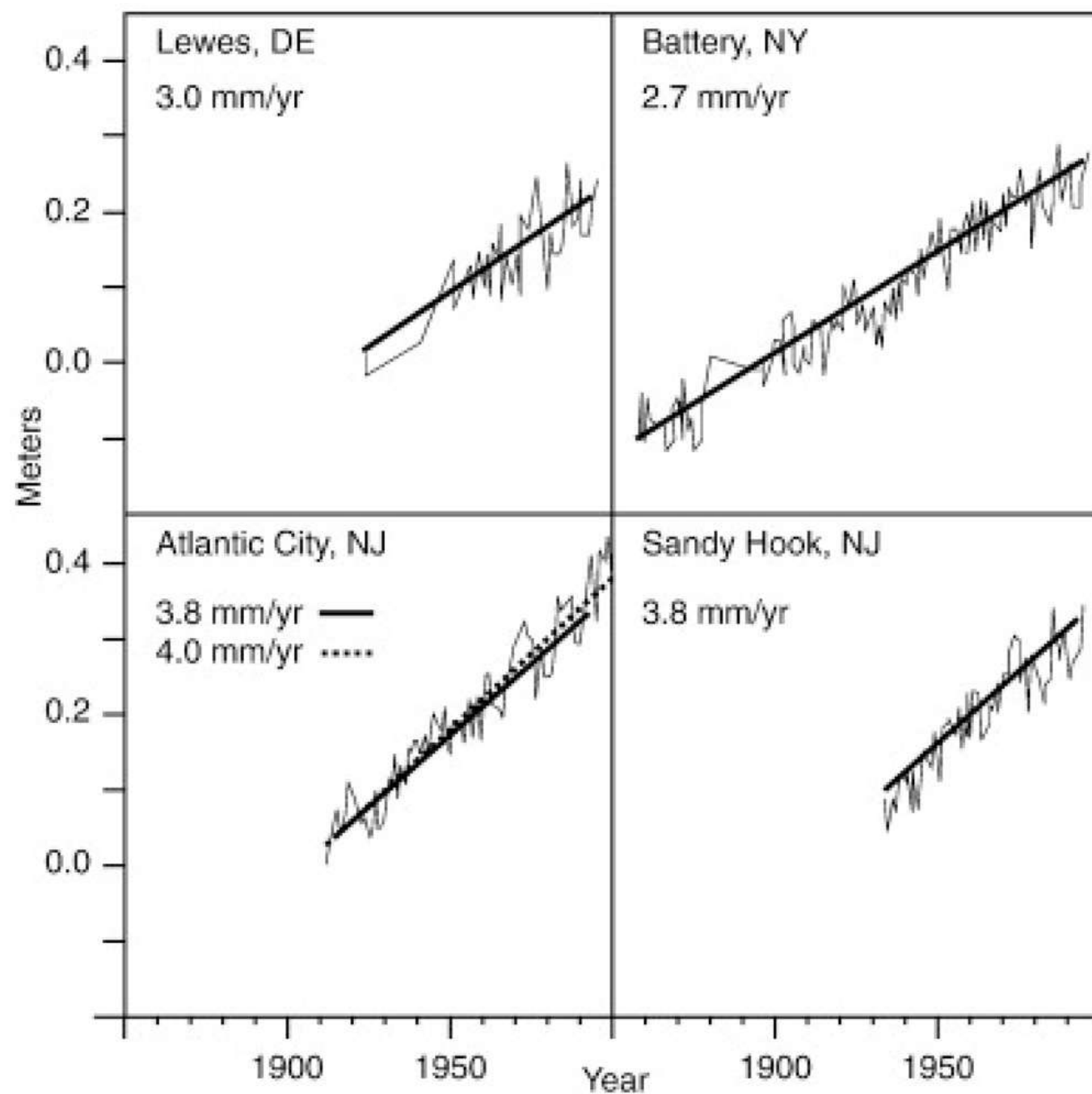


Assess Risk and Vulnerability









Total sea level rise projections for New Jersey.

	Total cm	Total inches	Total feet
2050 best	40	16	1.3
2050 low	23	9	0.7
2050 high	60	24	2.0
2100 best	96	38	3.1
2100 low	50	20	1.6
2100 high	147	58	4.8
All values with respect to a year 2000 baseline.			

Sea Level Rise Confidence Marsh
Vulnerability Flooding Facilities

Sea Level Rise ?

6 ft SLR

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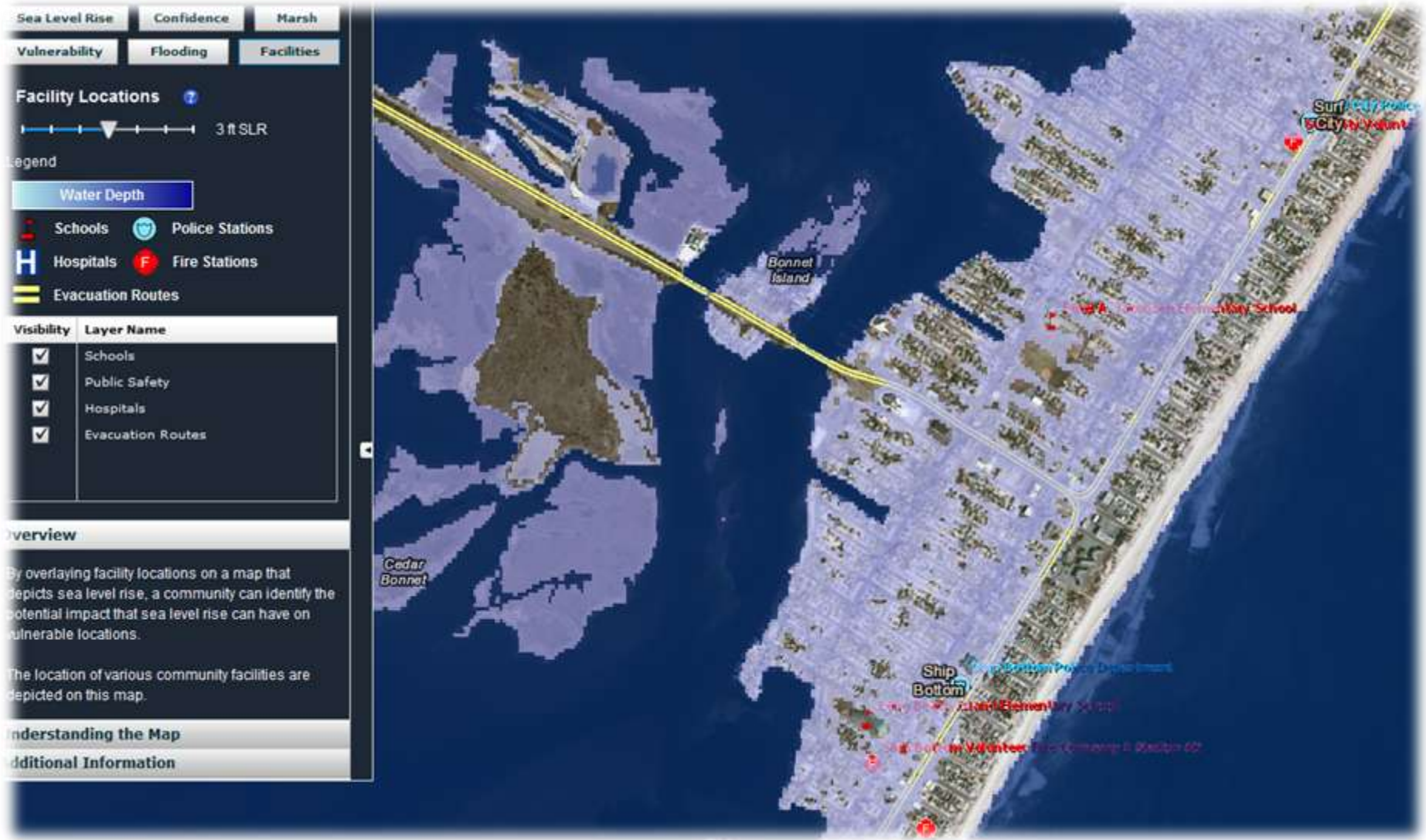
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Understanding the Map

Additional Information



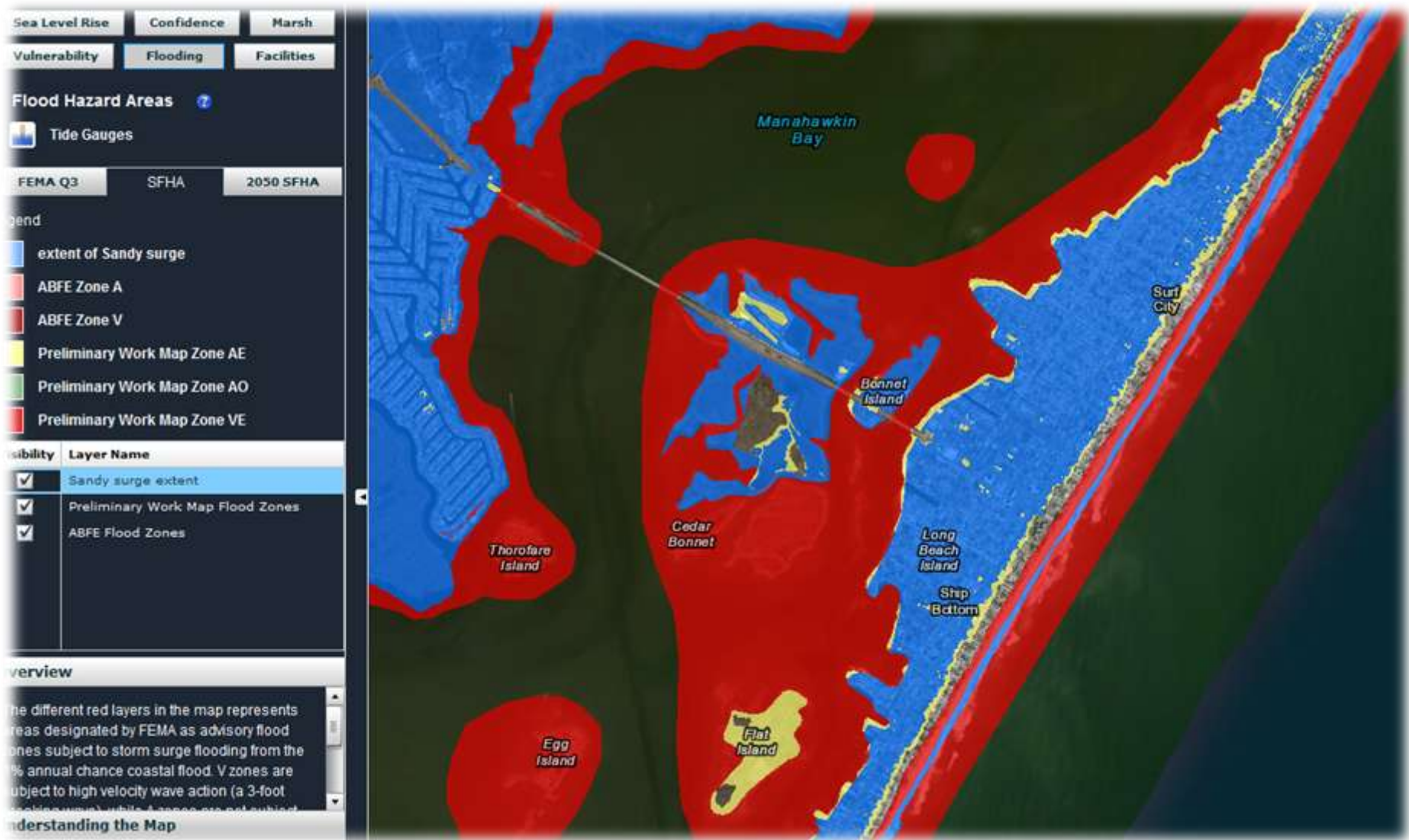
Critical Facilities and Sea level Rise



FEMA Preliminary Maps



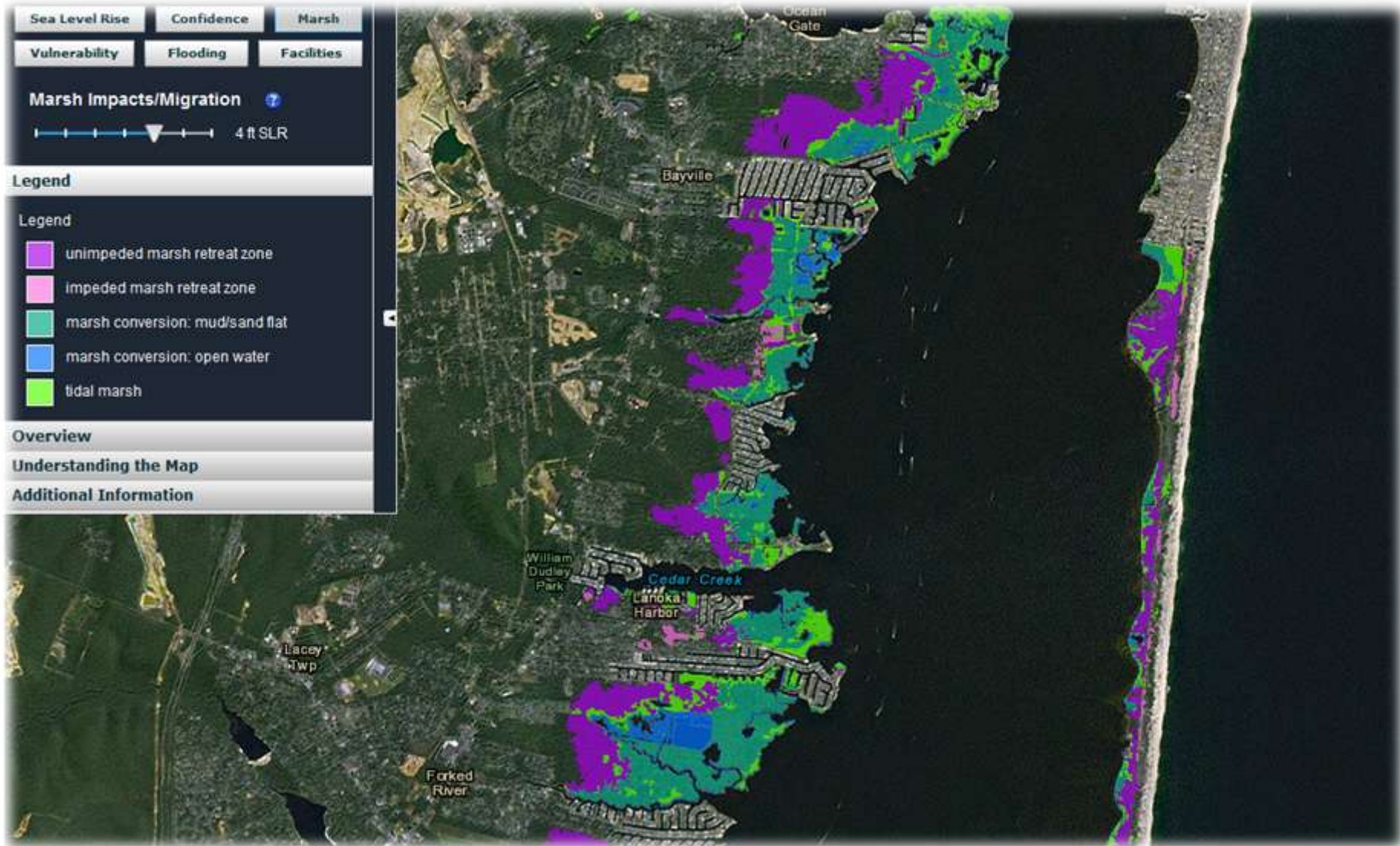
FEMA Preliminary Maps and Sandy



2050 Special Flood Hazard Areas



Marsh Migration



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 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

Get Started

HOW DO I GET TO RESILIENCE?

Enabling communities to be prepared and more resilient.

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; vulnerability to flooding; rise and build capacity 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.

Plan for the Future





Getting to Resilience

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[Get Started Now](#)

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2 Assemble Municipal Plans

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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.

3

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.

4

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

5

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



Getting to Resilience JC NERR Test

Community Planning Evaluation Tool

Risk and Vulnerability Assessments

Section 1: Risk & Vulnerability Assessments

While the entire New Jersey shore is vulnerable to coastal hazards, the likelihood and severity of these hazards varies depending upon a community's geography and the integrity of its natural buffers. Risk and vulnerability assessments can inform municipal officials of vulnerable populations, businesses, infrastructure, and natural resources. They can also reveal the best location for future development or land acquisition. Simply identifying the risks and vulnerabilities within one's community often builds the knowledge and capacity for hazard avoidance and mitigation.

Public Engagement

Planning Integration

Disaster Preparedness and Recovery

Hazard Mitigation Implementation

Question	Yes	No	N/A	Clear
1.1 Are previous coastal hazards and disasters documented through historical information, existing plans and reports, scientific knowledge, and local knowledge?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
1.2 Are hazard probability, frequency, magnitude, and duration defined?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
1.3 Is coastal erosion and/or shoreline change identified as a hazard?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
1.4 Is sea level rise identified as a hazard?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
1.5 Are estuaries or a wetland identified?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
1.6 Are conditions defined that could amplify the impact of a hazard, like storm surge inundation at high tide or erosion rates on stabilized shorelines?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
1.7 Are maps used to define the spatial extent of coastal hazards?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>

SURVEY SECTIONS

Section 1: Risk & Vulnerability Assessments

Section 2: Public Engagement

Section 3: Planning Integration

Section 4: Disaster Preparedness and Recovery

Section 5: Hazard Mitigation Implementation

LINKAGES

See your links to other programs



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 you 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

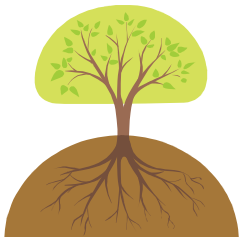
As in Inland community, you have considerations that are different than coastal communities. We have provided suggestions for how these topics translate from coastal issues into inland issues.



FEMA



FEMA

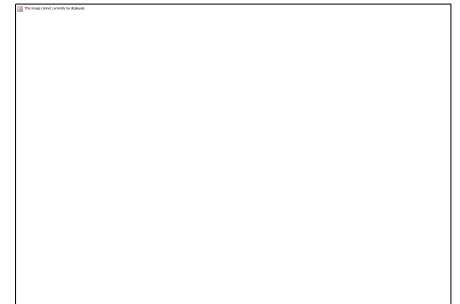




Resilience.



NJ Climate Adaptation Alliance



Post-Sandy Strategic Recovery Planning



- Highlands
- Sea Bright
- Little Egg Harbor
- Tuckerton
- Downe
- Commercial
- Maurice River
- Brick



Public Access Resiliency Planning



- Toms River
- Carteret
- Millville
- Keyport
- Long Beach Township





Implement and Adapt



RUTGERS
Institute of Marine
and Coastal Sciences



Green Infrastructure



Green Infrastructure



Green Infrastructure



Green Infrastructure



Green Infrastructure



STATE OF NEW JERSEY
GOVERNOR CHRIS CHRISTIE

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Governor Christie Signs Executive Order To Move Forward With Dune Construction And Other Flood Hazard Risk Reduction Measures

Wednesday, September 25, 2013 • Tags: [Executive Orders](#)

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

Green Infrastructure



Green Infrastructure

For More Information:



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