

DYNAMIC SHORELINES: LONG ISLAND

Story Map Collection

This online resource examines the coastal processes and hazards of Long Island and provides options for sustainable and resilient shoreline management.



Link:
<https://bit.ly/LICollection>
or use the QR code below



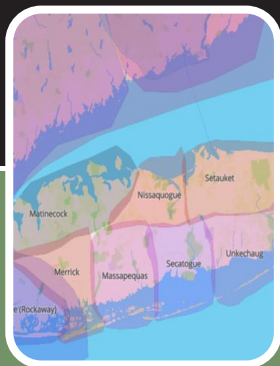
FEMA



For additional information:
Kathleen M. Fallon, Ph.D.
Coastal Processes and Hazards Specialist
New York Sea Grant
kmf228@cornell.edu



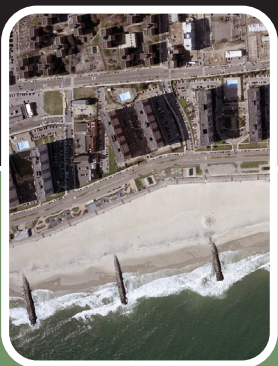
This ArcGIS Story Map Collection brings together information about Long Island's dynamic shorelines. It discusses how natural coastal processes influence the shoreline and the associated hazards, such as flooding and erosion. Shoreline decision-makers can use this resource to learn about their options for mitigating risks and ensuring their properties are resilient.



Chapter 1: Long Island's Dynamic History

A discussion of how Long Island's coastlines were shaped, by both geologic forces and human decisions.

<https://bit.ly/1DynamicHistory>



Chapter 2: Long Island's Coastal Processes

An introduction to the coastal processes, such as erosion and sediment transport, and features, including marshes and beaches, of Long Island.

<https://bit.ly/2CoastalProcesses>



Chapter 3: Living with Long Island's Dynamic Shorelines

Learn about the risks of living along the coast, how coastal processes impact the shorelines, and mitigative and adaptive methods that can be used to combat coastal flooding and erosion on Long Island.

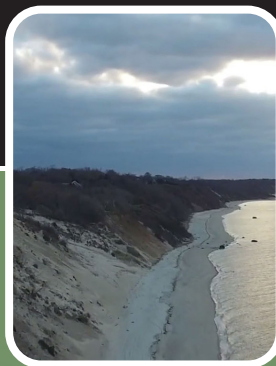
<https://bit.ly/3LivingWithShorelines>



Chapter 4: The Future of Long Island

Explore sea level rise projections for Long Island and learn about other future issues.

<https://bit.ly/4FutureLI>



Chapter 5: Resources for Long Island Shoreline Decision-makers

Provides information related to the policies that influence how Long Island's shorelines are managed including application checklists, contact information for various agencies, flood insurance resources, and other helpful tools.

<https://bit.ly/5ResourcesLI>