Mapping Assets Vulnerable to Sea Level Rise
Newport, Rhode Island

Building Blocks for Climate Change Adaptation:
Tools for Community Assessment and Planning

Prepared by:
University of Rhode Island Coastal Resources Center / RI Sea Grant
University of Rhode Island Environmental Data Center

OCTOBER 2013
Mean Higher High Water (MHHW): The arithmetic average of the elevations of the Higher High Waters of a mixed tide.

Public Safety
- Fire Station
- Mobile Communication
- Police Station
- Police Station, State
- Emergency Shelter

Transportation
- Bridge
- RIPTA Bus Stop
- RIPTA Park-n-Ride

Roch
- Major
- Minor
- Evacuation Route
- Railroad

Facilities
- Library
- Marina
- Commercial/Recreational
- Port or Harbor
- School
- Senior Center
- Town Hall

Natural Areas
- Hydrography
  - Lake or Pond
  - Stream
  - Wellhead Protection

Land Cover
- Wetland
- Forest/Brushland

* -- Denotes data provided by the town of Newport. All additional data provided by RIGIS unless otherwise noted.

Project Supporters
- R.I. Geographic Information System
- State of Rhode Island Division of Planning Department of Administration
- URI Environmental Data Center
- URI Coastal Resources Center
- URI Coastal Resources Management Council
- R.I. Emergency Management Agency
- R.I. Coastal Resources Management Council
Newport Vulnerability Analysis: Real Property

Map A3

Map Date: 10/11/2013

Coordinate System: Rhode Island State Plane
Datum: North American 1983
Units: U.S. Feet
1:5,000

Building Class
- Commercial
- Public
- Residential

Inundation Zones
- Mean Higher High Water (MHHW)
- MHHW plus 1’ Sea Level Rise (SLR)
- MHHW plus 3’ SLR
- MHHW plus 1’ SLR and 3’ Storm Surge
- MHHW plus 5’ SLR
- Hurricane of 1938 Surge Height
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Map C2

Coordinate System: Rhode Island State Plane
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Newport Vulnerability Analysis:
Real Property

Map Date: 10/11/2013

Coordinate System: Rhode Island State Plane
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Units: U.S. Feet
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0 250 500 750 1,000 Feet
0 50 100 150 200 250 Meters

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Building Class
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Newport Vulnerability Analysis: Real Property

Map C4

Coordinate System: Rhode Island State Plane
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Map Date: 10/11/2013

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Newport Vulnerability Analysis: Real Property

Map D2

1:5,000

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Map Date: 10/11/2013
Newport Vulnerability Analysis:
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Real Property

Map E2

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1:5,000

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Map Date: 10/11/2013

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Map E4

Coordinate System: Rhode Island State Plane
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1:5,000

0 250 500 750 1,000 Feet
0 25 50 100 150 200 250 Meters

Map Date: 10/11/2013

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Legend:
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Map F4

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Map G4

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Map H1
Newport Vulnerability Analysis:
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Map H2

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Building Class
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