North Atlantic Coast Comprehensive Study: Resilient Adaptation to Increasing Risk

Planning Reaches Mapbook

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PLANNING REACHES MAPBOOK

NORTH ATLANTIC COAST COMPREHENSIVE STUDY:
RESILIENT ADAPTATION TO INCREASING RISK
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On October 29, 2012, the remnants of Hurricane Sandy in the form of a post-tropical cyclone made landfall near Brigantine, NJ. Because of its tremendous size, the storm drove catastrophic storm surge into the New Jersey and New York Coastlines. As part of the extensive recovery effort, the U.S. Army Corps of Engineers (USACE) was authorized to complete the North Atlantic Coast Comprehensive Study (NACCS) by the Disaster Relief Appropriations Act of 2013, Public Law 113-2, enacted on January 29, 2013.

I. Purpose

The NACCS study area is the Atlantic coastline, back bay shorelines, and estuaries within portions of the USACE North Atlantic Division. A total of 39 planning reaches were delineated to offer smaller units than State entities presented in the NACCS Appendix D – State and District of Columbia Analyses (USACE, 2015). The NACCS Planning Reaches Mapbook presents a compilation of figures at the planning reach scale for each of the jurisdictions represented in the NACCS Appendix D – State and District of Columbia Analyses. The following sections present the map series for the corresponding planning reaches for each respective state, including the following: Planning Reaches, Federal Projects Included in the Post-Hurricane Sandy Landscape Condition, State Projects Included in the Post-Hurricane Sandy Landscape Condition (if state data was available), USACE High Scenario Future Mean Sea Level Change Inundation, USACE High Scenario Future Mean Sea Level Change Inundation and Forecasted Residential Development Density Increase, Impacted Area Category 1-4 Water Levels, Impacted Area 1-Percent Flood plus 3 Feet Water Surface, Impacted Area 10-Percent Flood Water Surface, Population and Infrastructure Exposure Index, Social Vulnerability Characterization Exposure Index, Environmental and Cultural Resources Exposure Index, Composite Exposure Index, Risk Assessment, Shoreline Types, and Natural and Nature-Based Features (NNBF) Measures Screening. The States of New Hampshire and Connecticut, along with the District of Columbia, include only one planning reach, so information presented in the NACCS Appendix D – State and District of Columbia Analyses for those states are not included in the Planning Reaches Mapbook.

II. States and Planning Reaches

The following subsections present various figures associated with the map series presented in the NACCS Appendix D – State and District of Columbia Analyses for each corresponding state (USACE, 2015).

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This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIa-44: Population and Infrastructure Exposure Index (MA2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIa-45: Population and Infrastructure Exposure Index (MA3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIa-46: Population and Infrastructure Exposure Index (MA4)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIa-47: Population and Infrastructure Exposure Index (MA5)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIa-48: Population and Infrastructure Exposure Index (MA6)
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This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIa-50: Social Vulnerability Characterization Exposure Index (MA2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIa-51: Social Vulnerability Characterization Exposure Index (MA3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIa-52: Social Vulnerability Characterization Exposure Index (MA4)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIa-53: Social Vulnerability Characterization Exposure Index (MA5)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIa-54: Social Vulnerability Characterization Exposure Index (MA6)
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIa-55: Environmental and Cultural Resources Exposure Index (MA1)
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIa-56: Environmental and Cultural Resources Exposure Index (MA2)
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This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIa-58: Environmental and Cultural Resources Exposure Index (MA4)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
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This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIa-60: Environmental and Cultural Resources Exposure Index (MA6)
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

**Figure IIA-61: Composite Exposure Index (MA1)**
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIa-62: Composite Exposure Index (MA2)
Figure IIa-63: Composite Exposure Index (MA3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIa-64: Composite Exposure Index (MA4)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIa-65: Composite Exposure Index (MA5)
Figure IIa-66: Composite Exposure Index (MA6)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIa-67: Risk Assessment (MA1)
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This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time; it may or may not accurately reflect existing or future conditions.
Figure IIa-69: Risk Assessment (MA3)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

High Risk
Low Risk
Interstate Highway
NACCS Planning Reach
Military Installation
Cities

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This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time; it may or may not accurately reflect existing or future conditions.

Figure IIa-70: Risk Assessment (MA4)
This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

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This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
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This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIb-17: Population and Infrastructure Exposure Index (RI2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIb-18: Social Vulnerability Characterization Exposure Index (RI1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

**Figure IIb-19: Social Vulnerability Characterization Exposure Index (RI2)**
Figure IIb-20: Environmental and Cultural Resources Exposure Index (RI1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIb-21: Environmental and Cultural Resources Exposure Index (RI2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time; it may or may not accurately reflect existing or future conditions.
Figure IIb-22: Composite Exposure Index (RI1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIb-23: Composite Exposure Index (RI2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
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This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time; it may or may not accurately reflect existing or future conditions.
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This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
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North Atlantic Coast Comprehensive Study (NACCS)
United States Army Corps of Engineers

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Figure IIc-44: Population and Infrastructure Exposure Index (NY1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIc-45: Population and Infrastructure Exposure Index (NY2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

**Figure IIc-46: Population and Infrastructure Exposure Index (NY3)**
Figure IIc-47: Population and Infrastructure Exposure Index (NY4)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIc-48: Population and Infrastructure Exposure Index (NY5)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

High Exposure
Low Exposure

NACCS Planning Reaches
Interstate Highways
Military Installation
Cities

North Atlantic Coast Comprehensive Study (NACCS)
United States Army Corps of Engineers
Figure IIc-49: Population and Infrastructure Exposure Index (NY6)
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This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

**Figure IIc-53: Social Vulnerability Characterization Exposure Index (NY4)**
Figure IIc-54: Social Vulnerability Characterization Exposure Index (NY5)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIc-55: Social Vulnerability Characterization Exposure Index (NY6)
North Atlantic Coast Comprehensive Study (NACCS)
United States Army Corps of Engineers

Figure IIc-56: Environmental and Cultural Resources Exposure Index (NY1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIc-57: Environmental and Cultural Resources Exposure Index (NY2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIc-58: Environmental and Cultural Resources Exposure Index (NY3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIc-59: Environmental and Cultural Resources Exposure Index (NY4)
Figure IIc-60: Environmental and Cultural Resources Exposure Index (NY5)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIc-60: Environmental and Cultural Resources Exposure Index (NY5)
Figure IIc-61: Environmental and Cultural Resources Exposure Index (NY6)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIc-62: Composite Exposure Index (NY1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
North Atlantic Coast Comprehensive Study (NACCS)
United States Army Corps of Engineers

Figure IIc-63: Composite Exposure Index (NY2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIc-64: Composite Exposure Index (NY3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIc-65: Composite Exposure Index (NY4)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIc-66: Composite Exposure Index (NY5)
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIc-67: Composite Exposure Index (NY6)
This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIc-68: Risk Assessment (NY1)
Figure IIc-69: Risk Assessment (NY2)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIc-70: Risk Assessment (NY3)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIc-71: Risk Assessment (NY4)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIc-72: Risk Assessment (NY5)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIc-73: Risk Assessment (NY6)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
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Figure IIc-82: NNBF Measures Screening (NY3)
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Figure IIId-10: State Projects Included in the Post-Hurricane Sandy Landscape Condition (NJ2)
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Figure IId-35: Impacted Area 1-Percent Flood Plus 3 Feet Water Surface (NJ3)
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Figure IId-37: Impacted Area 1-Percent Flood Plus 3 Feet Water Surface (NJ5)
Figure IId-38: Impacted Area 10-Percent Flood Water Surface (NY-NJ1)
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Figure IId-41: Impacted Area 10-Percent Flood Water Surface (NJ3)
Figure IId-42: Impacted Area 10-Percent Flood Water Surface (NJ4)
Figure IId-43: Impacted Area 10-Percent Flood Water Surface (NJ5)
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure Ild-44: Population and Infrastructure Exposure Index (NY-NJ1)
Figure IId-45: Population and Infrastructure Exposure Index (NJ1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IId-46: Population and Infrastructure Exposure Index (NJ2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIId-47: Population and Infrastructure Exposure Index (NJ3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIId-48: Population and Infrastructure Exposure Index (NJ4)
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IId-49: Population and Infrastructure Exposure Index (NJ5)
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

**Figure IId-50: Social Vulnerability Characterization Exposure Index (NY-NJ1)**
Figure II-51: Social Vulnerability Characterization Exposure Index (NJ1)
Figure IId-52: Social Vulnerability Characterization Exposure Index (NJ2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IId-53: Social Vulnerability Characterization Exposure Index (NJ3)
Figure IId-54: Social Vulnerability Characterization Exposure Index (NJ4)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IId-55: Social Vulnerability Characterization Exposure Index (NJ5)
Figure IId-56: Environmental and Cultural Resources Exposure Index (NY-NJ1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IId-57: Environmental and Cultural Resources Exposure Index (NJ1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IId-58: Environmental and Cultural Resources Exposure Index (NJ2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IId-59: Environmental and Cultural Resources Exposure Index (NJ3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIId-60: Environmental and Cultural Resources Exposure Index (NJ4)
Figure IId-61: Environmental and Cultural Resources Exposure Index (NJ5)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IId-62: Composite Exposure Index (NY-NJ1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

**Figure IId-63: Composite Exposure Index (NJ1)**
Figure IId-64: Composite Exposure Index (NJ2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IId-65: Composite Exposure Index (NJ3)
Figure IId-66: Composite Exposure Index (NJ4)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IId-67: Composite Exposure Index (NJ5)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IId-68: Risk Assessment (NY-NJ1)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IId-69: Risk Assessment (NJ1)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time, it may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IId-70: Risk Assessment (NJ2)
This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IId-71: Risk Assessment (NJ3)
Figure Ild-72: Risk Assessment (NJ4)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IId-73: Risk Assessment (NJ5)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

High Risk
Low Risk
Interstate Highway
NACCS Planning Reach
Military Installation
Cities

North Atlantic Coast Comprehensive Study (NACCS)
United States Army Corps of Engineers
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Figure IId-76: Shoreline Types (NJ2)
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Figure IId-79: Shoreline Types (NJ5)
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Figure IId-81: NNBF Measures Screening (NJ1)
Figure IID-82: NNBF Measures Screening (NJ2)
Figure IId-84: NNBF Measures Screening (NJ4)
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Figure Ile-22: Impacted Area 10-Percent Flood Water Surface (DE3)
Figure IIe-23: Population and Infrastructure Exposure Index (DE1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

High Exposure

Low Exposure

NACCS Planning Reaches

Interstate Highways

Military Installation

Cities

Figure IIe-23: Population and Infrastructure Exposure Index (DE1)
Figure IIe-24: Population and Infrastructure Exposure Index (DE2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIe-25: Population and Infrastructure Exposure Index (DE3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

High Exposure
Low Exposure

NACCS Planning Reaches
Interstate Highways
Military Installation
Cities
Figure IIe-26: Social Vulnerability Characterization Exposure Index (DE1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

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This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

**Figure IIe-27: Social Vulnerability Characterization Exposure Index (DE2)**
Figure IIe-28: Social Vulnerability Characterization Exposure Index (DE3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IlE-29: Environmental and Cultural Resources Exposure Index (DE1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIe-30: Environmental and Cultural Resources Exposure Index (DE2)
Figure IIe-31: Environmental and Cultural Resources Exposure Index (DE3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIe-32: Composite Exposure Index (DE1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIe-33: Composite Exposure Index (DE2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIe-34: Composite Exposure Index (DE3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIe-35: Risk Assessment (DE1)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIe-36: Risk Assessment (DE2)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

High Risk
Low Risk
Interstate Highway
NACCS Planning Reach
Military Installation
Cities

Miles
0 3 6 9 12 15
Figure IIe-37: Risk Assessment (DE3)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
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Figure II-8: State Projects Included in the Post-Hurricane Sandy Landscape Condition (MD2)
Figure II-9: State Projects Included in the Post-Hurricane Sandy Landscape Condition (MD3)
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Figure II-15: USACE High Scenario Future Mean Sea Level Change Inundation (MD4)
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Figure IIIf-17: USACE High Scenario Future Mean Sea Level Change Inundation and Forecasted Residential Development Density Increase (MD1)
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Figure III-19: USACE High Scenario Future Mean Sea Level Change Inundation and Forecasted Residential Development Density Increase (MD3)
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Figure II-F-30: Impacted Area 1-Percent Flood Plus 3 Feet Water Surface (MD4)
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Figure II-32: Impacted Area 10-Percent Flood Water Surface (MD1)
Figure IIf-33: Impacted Area 10-Percent Flood Water Surface (MD2)
Figure IIIf-34: Impacted Area 10-Percent Flood Water Surface (MD3)
Figure IIf-35: Impacted Area 10-Percent Flood Water Surface (MD4)
Figure IIf-36: Impacted Area 10-Percent Flood Water Surface (MD5)
Figure III-37: Population and Infrastructure Exposure Index (MD1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIf-36: Population and Infrastructure Exposure Index (MD2)
Figure IIf-39: Population and Infrastructure Exposure Index (MD3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

**Figure III-40: Population and Infrastructure Exposure Index (MD4)**
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIF-41: Population and Infrastructure Exposure Index (MD5)
Figure III-42: Social Vulnerability Characterization Exposure Index (MD1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure II-43: Social Vulnerability Characterization Exposure Index (MD2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis conducted at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure III-44: Social Vulnerability Characterization Exposure Index (MD3)
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure III-45: Social Vulnerability Characterization Exposure Index (MD4)
Figure IIIF-46: Social Vulnerability Characterization Exposure Index (MD5)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIf-47: Environmental and Cultural Resources Exposure Index (MD1)
Figure II-48: Environmental and Cultural Resources Exposure Index (MD2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

**Figure IIf-49: Environmental and Cultural Resources Exposure Index (MD3)**
Figure IIIF-50: Environmental and Cultural Resources Exposure Index (MD4)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure II-51: Environmental and Cultural Resources Exposure Index (MD5)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIIf-52: Composite Exposure Index (MD1)
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIIF-53: Composite Exposure Index (MD2)
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure III-F-54: Composite Exposure Index (MD3)
Figure III-55: Composite Exposure Index (MD4)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIF-56: Composite Exposure Index (MD5)
This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time, it may or may not accurately reflect existing or future conditions.

Figure II-57: Risk Assessment (MD1)
This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

**Figure III-56: Risk Assessment (MD2)**
Figure IIf-59: Risk Assessment (MD3)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

- **High Risk**
- **Low Risk**
- **Interstate Highway**
- **NACCS Planning Reach**
- **Military Installation**
- **Cities**

North Atlantic Coast Comprehensive Study (NACCS)
United States Army Corps of Engineers
Figure III-60: Risk Assessment (MD4)
This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

**Figure III-61: Risk Assessment (MD5)**
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Figure II-64: Shoreline Types (MD3)
Figure II-65: Shoreline Types (MD4)
Figure IIf-66: Shoreline Types (MD5)
Figure IIf-67: NNBF Measures Screening (MD1)
Figure IIF-68: NNBF Measures Screening (MD2)
North Atlantic Coast Comprehensive Study (NACCS)
United States Army Corps of Engineers

Figure II/69: NNBF Measures Screening (MD3)

- Submerged Aquatic Vegetation
- Reef Suitability
- Wetland Suitability
- Living Shoreline Suitability
- Breakwaters and Beach Restoration
- Beach Restoration

0 2 4 6 8 10 Miles

Figure II/69: NNBF Measures Screening (MD3)
Figure IIf-70: NNBF Measures Screening (MD4)
Figure II-71: NNBF Measures Screening (MD5)
g. Commonwealth of Virginia
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Figure Ilg-18: USACE High Scenario Future Mean Sea Level Change Inundation (VA3)
Figure Ilg-19: USACE High Scenario Future Mean Sea Level Change Inundation (VA4)
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Figure IIg-23: USACE High Scenario Future Mean Sea Level Change Inundation and Forecasted Residential Development Density Increase (VA1)
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Figure IIg-26: USACE High Scenario Future Mean Sea Level Change Inundation and Forecasted Residential Development Density Increase (VA4)
Figure IIg-27: USACE High Scenario Future Mean Sea Level Change Inundation and Forecasted Residential Development Density Increase (VA5)
Figure IIg-28: USACE High Scenario Future Mean Sea Level Change Inundation and Forecasted Residential Development Density Increase (VA6)
Figure IIg-29: USACE High Scenario Future Mean Sea Level Change Inundation and Forecasted Residential Development Density Increase (VA7)
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Figure Ilg-31: Impacted Area Category 1-4 Water Levels (VA2)
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Figure IIg-37: Impacted Area 1-Percent Flood Plus 3 Feet Water Surface (VA1)
Figure IIg-38: Impacted Area 1-Percent Flood Plus 3 Feet Water Surface (VA2)
Figure IIg-39: Impacted Area 1-Percent Flood Plus 3 Feet Water Surface (VA3)
Figure IIg-40: Impacted Area 1-Percent Flood Plus 3 Feet Water Surface (VA4)
Figure IIg-41: Impacted Area 1-Percent Flood Plus 3 Feet Water Surface (VA5)
Figure IIg-42: Impacted Area 1-Percent Flood Plus 3 Feet Water Surface (VA6)
Figure IIg-43: Impacted Area 1-Percent Flood Plus 3 Feet Water Surface (VA7)
Figure IIg-44: Impacted Area 10-Percent Flood Water Surface (VA1)
Figure IIg-45: Impacted Area 10-Percent Flood Water Surface (VA2)
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Figure IIg-48: Impacted Area 10-Percent Flood Water Surface (VA5)
Figure IIg-49: Impacted Area 10-Percent Flood Water Surface (VA6)
Figure IIg-50: Impacted Area 10-Percent Flood Water Surface (VA7)
Figure IIg-51: Population and Infrastructure Exposure Index (VA1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIg-52: Population and Infrastructure Exposure Index (VA2)
Figure Ilg-53: Population and Infrastructure Exposure Index (VA3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIg-54: Population and Infrastructure Exposure Index (VA4)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIg-55: Population and Infrastructure Exposure Index (VA5)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIg-56: Population and Infrastructure Exposure Index (VA6)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIg-57: Population and Infrastructure Exposure Index (VA7)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIg-58: Social Vulnerability Characterization Exposure Index (VA1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIg-59: Social Vulnerability Characterization Exposure Index (VA2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIg-60: Social Vulnerability Characterization Exposure Index (VA3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIg-61: Social Vulnerability Characterization Exposure Index (VA4)
Figure IIg-62: Social Vulnerability Characterization Exposure Index (VA5)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIg-64: Social Vulnerability Characterization Exposure Index (VA7)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIg-65: Environmental and Cultural Resources Exposure Index (VA1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not reflect existing or future conditions.
Figure IIg-66: Environmental and Cultural Resources Exposure Index (VA2)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Legend:
- High Exposure
- Low Exposure
- NACCS Planning Reaches
- Interstate Highways
- Military Installation
- Cities

Miles
Figure Ilg-67: Environmental and Cultural Resources Exposure Index (VA3)
Figure IIg-68: Environmental and Cultural Resources Exposure Index (VA4)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIg-69: Environmental and Cultural Resources Exposure Index (VA5)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIg-70: Environmental and Cultural Resources Exposure Index (VA6)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

- High Exposure
- Low Exposure
- NACCS Planning Reaches
- Interstate Highways
- Military Installation
- Cities

North Atlantic Coast Comprehensive Study (NACCS)
United States Army Corps of Engineers
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIg-71: Environmental and Cultural Resources Exposure Index (VA7)
Figure IIg-72: Composite Exposure Index (VA1)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

**Figure IIg-73: Composite Exposure Index (VA2)**
Figure IIg-74: Composite Exposure Index (VA3)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIg-75: Composite Exposure Index (VA4)
Figure IIg-76: Composite Exposure Index (VA5)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure IIg-77: Composite Exposure Index (VA6)

This figure presents the results of the NACCS exposure analysis completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

High Exposure
Low Exposure

NACCS Planning Reaches
Interstate Highways
Military Installation
Cities
Figure IIg-78: Composite Exposure Index (VA7)
Figure IIg-79: Risk Assessment (VA1)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time, it may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIg-80: Risk Assessment (VA2)
Figure IIg-81: Risk Assessment (VA3)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
Figure Ilg-82: Risk Assessment (VA4)

This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.
This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIg-83: Risk Assessment (VA5)
This figure presents the results of the NACCS risk assessment completed at the study area scale. The figure was generated in February 2014 by USACE using the best available data at the time. It may or may not accurately reflect existing or future conditions.

Figure IIg-84: Risk Assessment (VA6)
Figure Ilg-85: Risk Assessment (VA7)
Figure IIg-87: Shoreline Types (VA2)
Figure Ilg-89: Shoreline Types (VA4)
Figure IIg-90: Shoreline Types (VA5)
Figure IIg-91: Shoreline Types (VA6)
Figure IIg-92: Shoreline Types (VA7)
Figure IIg-93: NNBF Measures Screening (VA1)
Figure IIg-94: NNBF Measures Screening (VA2)
Figure IIg-95: NNBF Measures Screening (VA3)
Figure IIg-96: NNBF Measures Screening (VA4)
Figure Ilg-97: NNBF Measures Screening (VA5)
Figure IIg-99: NNBF Measures Screening (VA7)
III. References