

Shoreline Change Special Area Management Plan (Beach SAMP) Draft Document Outline

VOLUME 1

Chapter 1- Introduction

- 1.1. Statement of the Problem
- 1.2. Goal of the Shoreline Change SAMP
- 1.3. Shoreline Change SAMP Scope and Study Area
- 1.4. Collaborative Effort
- 1.5. Contents of Shoreline Change SAMP Document
- 1.6. Principles Guiding the Design and Development of the Shoreline Change SAMP

Chapter 2- Assessing Coastal Risk

- 2.1. Definitions of Coastal Risk and Resilience
- 2.2 Coastal Risk Management
- 2.3 Implications to Not Considering Coastal Risk and Resilience

Chapter 3- Trends and Status- Current and Future Impacts of Storm Surge, Sea Level Rise and Coastal Erosion

- 3.1 Storm Surge & Flooding
- 3.2 Erosion/Shoreline Change
- 3.3 Sea Level Rise
- 3.4 Wetland Loss and Migration
- 3.5 Compounding Impacts of Sea Level Rise, Storm Surge & Erosion/Shoreline Change
- 3.6 Tools Developed to Assess Exposure

Chapter 4- Planning & Adaptation

4.1 Land Use Decision Making

- 4.1.1 RI Statewide Planning Program requirement for local comprehensive plans to include natural hazards and climate change
- 4.1.2 New federal executive order 11988 on flood standards related to projects federally funded

4.2 Adaptation Strategies and Techniques

- 4.2.1 Municipal Adaptation Strategies for Comp Plan/Municipal Operations
- 4.2.2 Storm Planning & Recovery
- 4.2.3 Physical Adaptation & Retrofit Techniques for Structures (brief summary will be provided & reference to a more comprehensive technical report in Volume II)
- 4.2.4 Green Infrastructure Techniques & Systems Approach to Geomorphic Engineering (SAGE)
- 4.2.5 Restoration of Wetlands
- 4.2.6 Waterfront & Coastal Businesses
- 4.2.7 Marina Resilience & Checklist

Chapter 5- Conclusion

- 5.1 Implications for CRMC
- 5.2 Recommendations for Municipalities
- 5.3 Recommendations for Other State Agencies

References

VOLUME 2- Technical Appendices

- 1.** Sea Level Affecting Marsh Migration (SLAMM) Report- ***completed***
- 2.** Newport Resilience Assessment Tour Report- ***completed***
- 3.** Resilient Communities: Natural Hazards and Climate Change Adaptation- A how to guide on incorporating natural hazards planning and climate change adaptation into local comprehensive plans. - ***completed***
- 4.** StormTools (Methodology) ***-in progress, scheduled completion January 2016***
- 5.** Resilient Marina Checklist/Ocean Engineering Assessments***-in progress, scheduled completion January 2016***
- 6.** Preliminary Identification of At Risk Areas ***-in progress, scheduled completion December 2016***
- 7.** Washington County updated Shoreline Change Maps ***-in progress, scheduled completion January 2016***
- 8.** Green and Resilient Infrastructure Planning Guidance- ***in progress, scheduled completion June 2017***