



**North Beach and Chesapeake Beach
Flood and Sea Level Rise Action Plan Framework**

Other plans and frameworks with interesting elements

February 4, 2021 draft

This list is based upon a cursory review of a few plans that were already of interest to the Towns, and has been augmented through additional searching to identify other plans and frameworks that we might want to pull from while developing the Action Plan Framework. Links to an abstract/summary (if available) and full reports are included. Abbreviations: SLR = sea level rise; HMP = Hazard Mitigation Plan.

1. Annapolis, MD Stormwater and Flood Mitigation Engineering Design Services Concept Design Report (2017) – conceptual design to address immediate problems in part of the city (not a comprehensive flood/SLR plan). They have since applied for FEMA funds to go towards the work. Annapolis has phases for adapting to SLR and this first phase of projects are expected to be scalable to accommodate future needs.
 - a. [REPORT](#)
2. Stormwater and Flood Management Study in Oxford, MD (2013) - EFC was the lead on this project (it involved an engineer as well). The financing component is of particular interest.
 - a. [REPORT](#)
3. Coastal Flood Vulnerability Assessment - Town of Palm Beach, FL (2019) - they used a probabilistic vulnerability model like we are planning to use for SLR scenarios. They looked primarily at public assets and ranked the importance of different assets to help with prioritization and decision-making. This is mostly a study/assessment without an “action plan” component.
 - a. [REPORT](#)
4. Adaptation to Natural Hazards and Climate Change in North Kingstown, Rhode Island (2015) - I suggest we look at this one more closely, especially the sector-specific impacts and strategies.
 - a. [ABSTRACT](#)
 - b. [REPORT](#)
5. Kent County, Maryland
 - a. Climate Change and Sea Level Rise Adaptation Report (2016) - covers all climate impacts; augments their HMP; has a lot of good broader recommendations that we should review (like updating capital investments, stormwater system, and building codes; deciding how they will choose which assets to protect or abandon, etc.). It does not really get into any site-specific mitigation projects.
 - i. [ABSTRACT](#)
 - ii. [REPORT](#)
 - b. Nuisance Flood Plan (2019) – brief and meets the requirements of nuisance plans, but I have not looked at it closely to see if or how much they refer to the 2016 climate change/SLR report.
 - i. [REPORT](#)

6. Damariscotta, Maine Adaptation Planning Study: Downtown Waterfront Area (2015) – a small study/planning area, but comparable context (downtown businesses and parking lot flooding); they only evaluated structural (floodproofing, elevation, etc. not relocation or green space) measures in the study.
 - a. [ABSTRACT](#)
 - b. [REPORT](#)
7. City of Tybee Island, Georgia, Sea-Level Rise Adaptation Plan (2016) - comparable size town (population 3,000) that is on an island with a single road for access; a pretty simple document that is more of a study than a true action plan; interesting economic analyses; they have since incorporated actions into their HMP.
 - a. [ABSTRACT](#)
 - b. [REPORT](#)
8. Ocean City, MD
 - a. Hazard Mitigation Plan (2017) – most relevant is Section 4 Community Resiliency.
 - i. [REPORT](#)
 - b. Nuisance Flood Plan (2020) – I have not reviewed this yet.
 - i. [REPORT](#)
9. Town of Guilford, CT Community Coastal Resilience Plan (2014) – this has been referenced in other plans but I have not looked at it closely yet. This was the third document in their coastal resilience process (the town is 5 miles x 12 miles in size; population around 21,000).
 - a. [ABSTRACT](#)
 - b. [REPORT](#)
10. Sea Level Rise Response Strategy - Worcester County, MD (2008) - SLR scenarios, SLR impacts/vulnerability, adaptation options, priorities. This is now on the older side, but covers the important stuff.
 - a. [ABSTRACT](#)
 - b. [REPORT](#)

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