

| State                               | SLR Scenario   | Time Period   | Administration Status   | Description   |
|-------------------------------------|--|---|---|---|
| Delaware                            | low (0.5m); intermediate (1.0m); high (1.5m)   | by year 2100 (89 years)   | Established as a DNREC policy   | Scenarios use present-day and predicted future sea levels in the year 2100. Designed to account for varying mean tide levels and projected flooding for coastal storm surges  |
| Maryland                            | Steady State: 3.1 mm/yr or 0.57 m by 2025<br>Average Accelerated: 1 m SLR<br>Worst Case/Max Rate: 0.63 m; 0.83 m; 1.47 m   | by year 2025 (14 years)<br>by year 2100 (89 yrs)<br>2025 (14 yrs); 2050 (39 yrs); 2100 (89 yrs) | MDNR issued a climate change policy in 2010. MDNR developed a partnership with USGS to develop a slr inundation model for Worcester County.   | Incorporate the IPCC scenarios and the possibility of accelerated melting. Steady state based on the long-term historic rate of slr of the area. Average accelerated based on averaging the IPCC projections. Max rate based on max range of all IPCC models.   |
| New York                            | 1) SLR: 2020s (2 to 5 in); 2050s (7 to 12 in); 2080s (12 to 23 in)<br>2) SLR with Rapid Ice-melt: 2020s (5 to 10 in); 2050s (19-29 in); 2080s (41 to 55 in)  | 10 yrs; 40 yrs; 70 yrs<br>11 yrs; 40 yrs; 70 yrs  | SLR Task Force recommendations have been given to NY legislature for review and approval  | The NY State Climate Action Council is using these projections as the foundation for its risk assessments and recommendations. Projections are supported by empirical data documenting recent SLR in NY.  |
| New Jersey                          | low (0.5 m); intermediate (1.0 m); high (1.5 m)  | by year 2100 (89 yrs)   | The New Jersey Department of Environmental Protection issued a Global Warming Response Act Recommendation Report that focuses primarily on greenhouse gas reduction strategies. NJ has started a Coastal Vulnerability Assessment Protocol and Coastal Evacuation mapping and planning. | The New Jersey Coastal Management Program is developing a Vulnerability Assessment Protocol to identify the potential impacts of coastal hazards and slr on the built and natural environment.<br>Showed storm inundation for coastal locations from a category 1 through category 5 hurricane. Then added slr scenarios on the inundation projections to show how coastal vulnerability will change  |
| Virginia:                           | low (0.5 m); intermediate (1.0 m); high (1.5 m) with storm surge   | by year 2100 (89 yrs)   |   |   |
| Hampton Roads District              | 0.39 m; 1.0 m<br>0.5 m; 1.0 m.; 1.5 m; 2.0 m   | by year 2100 (89 yrs)<br>by year 2100 (89 yrs)  | Committee formed to discuss the goals of climate change adaptation and mitigation.  | National Wildlife Federation used SLAMM to perform a slr impact analysis. Used IPCC scenarios and additional 1 m, 1.5 m, and 2.0 m scenarios. The Governors Commission on Climate Change referenced 0.39 m slr. 1 m slr scenario served as a medium benchmark between IPCC and worst-case scenario of 2.0 m slr.<br>Analysis conducted by the Virginia Institute of Marine Science to model the impact of a major storm event (Hurricane Isabel) modified by slr. |
| Middle Peninsula District           | 1 ft   | by year 2050 (39 yrs)   | Middle Peninsula Planning District Commission is in the midst of a 3 year endeavor to assess and discuss potential climate change and slr impacts to the region. Funded by CZM  | Assessed the economic and ecological impacts of slr for select vulnerable areas.  |
| Northern Virginia Regional District | Steady State: 1 foot (3.2 mm/yr); with storm surge: 11 feet<br>Average Accelerated: 3.8 feet (11.6 mm/yr); with storm surge: 13.8 feet<br>Worst Case: 5.2 feet (16 mm/yr); with storm surge: 15.2 feet | by year 2100 (89 yrs)<br>by year 2100 (89 yrs)<br>by year 2100 (89 yrs)                         | Northern Virginia Regional Commission developed workgroup to assess the vulnerability of the region to inundation from slr and flooding from storm surge.<br>Used Worcester County, MD SLR Response Study as a case study   | The steady state is the observed historic trend rate at Washington D.C. gage. (NOAA). (plus 10 feet of storm surge).<br>The accelerated state is the projected rate based on historical data and predicted global warming trends. (IPCC). (plus 10 feet of storm surge).<br>Highest projected rate for the mid-Atlantic and Chesapeake Bay regions. (plus 10 feet of storm surge).  |
| IPCC                                | 18-59 cm   | by year 2100 (89 yrs)   |   | Does not take into account ice melt   |