Possible Natural and Nature Based (NNBF) Measures in NJBB Study—Similar to structural and nonstructural measures, NNBF measures are subject to benefit and cost analyses and need to meet the economic criteria to be included in a plan. Living shorelines are an NNBF measure currently under consideration in the NJBB study in areas where there is no existing shoreline armoring, and as a complement to structural measures such as floodwalls, levees, and storm surge barriers. Depending on the wave energy at a site, living shorelines stabilize marsh edges with marsh sills, breakwaters, or coir logs. In addition to NNBF measures, the NJBB study is considering modifications that can be made to structural measures such as floodwalls to enhance their ecological value.

Texturing concrete creates greater habitat complexity, allowing a wider range of algae and invertebrates to colonize a structure, which enhances habitat for other aquatic organisms such as fish. Floodwalls are a possible measure that could be modified to include textured concrete.