

North Scituate Beach Nourishment

March - May 2024

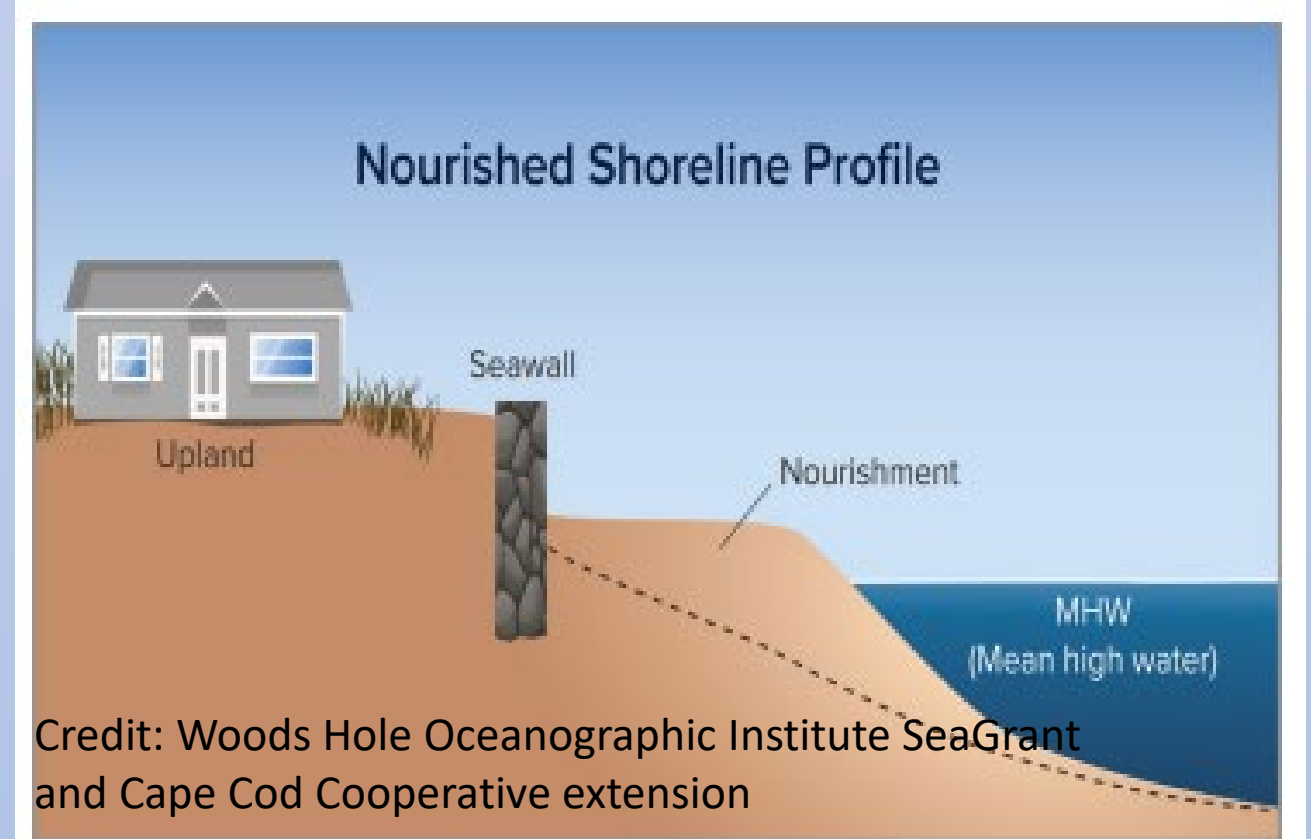
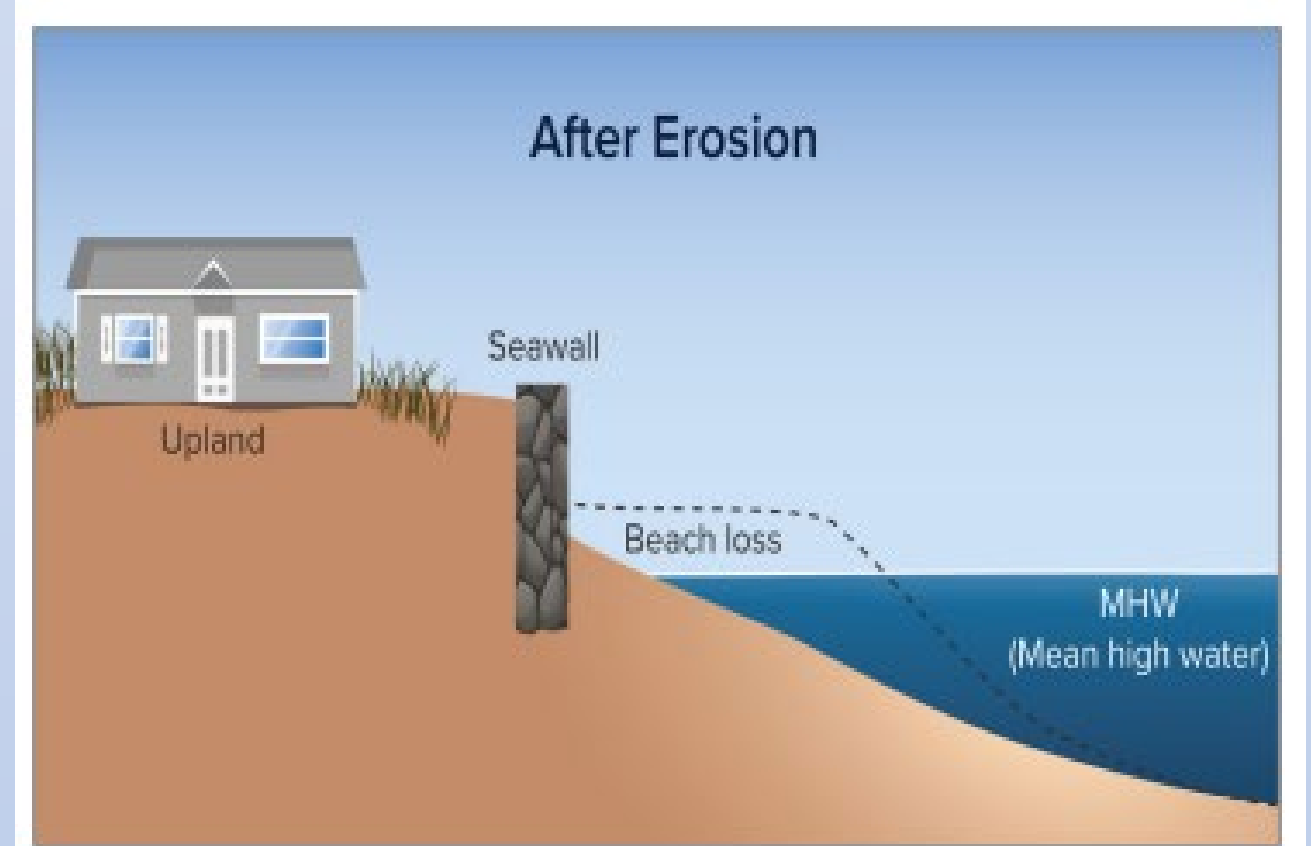


What is Beach Nourishment?

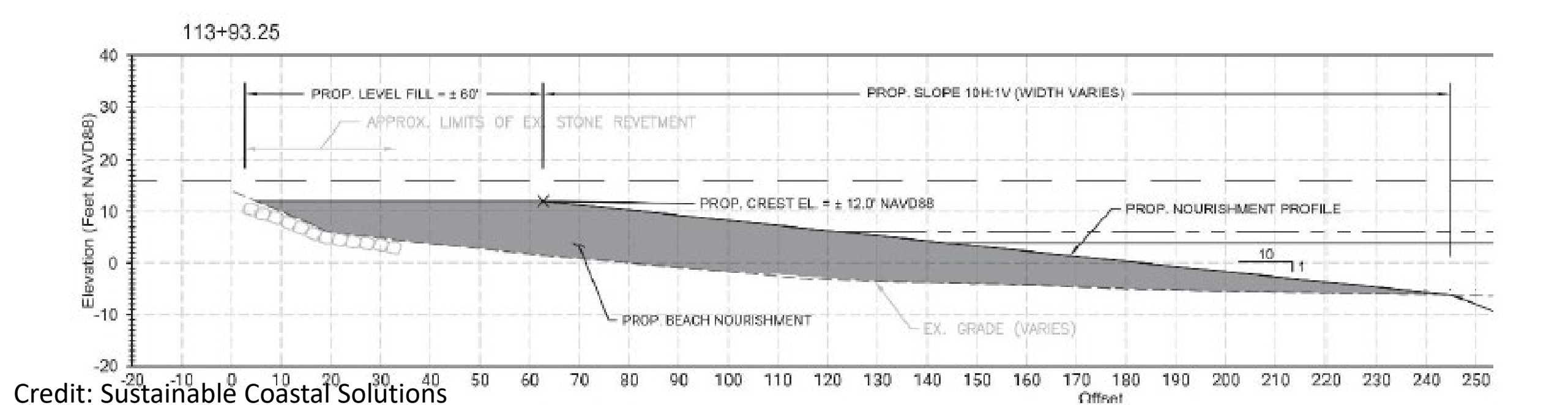
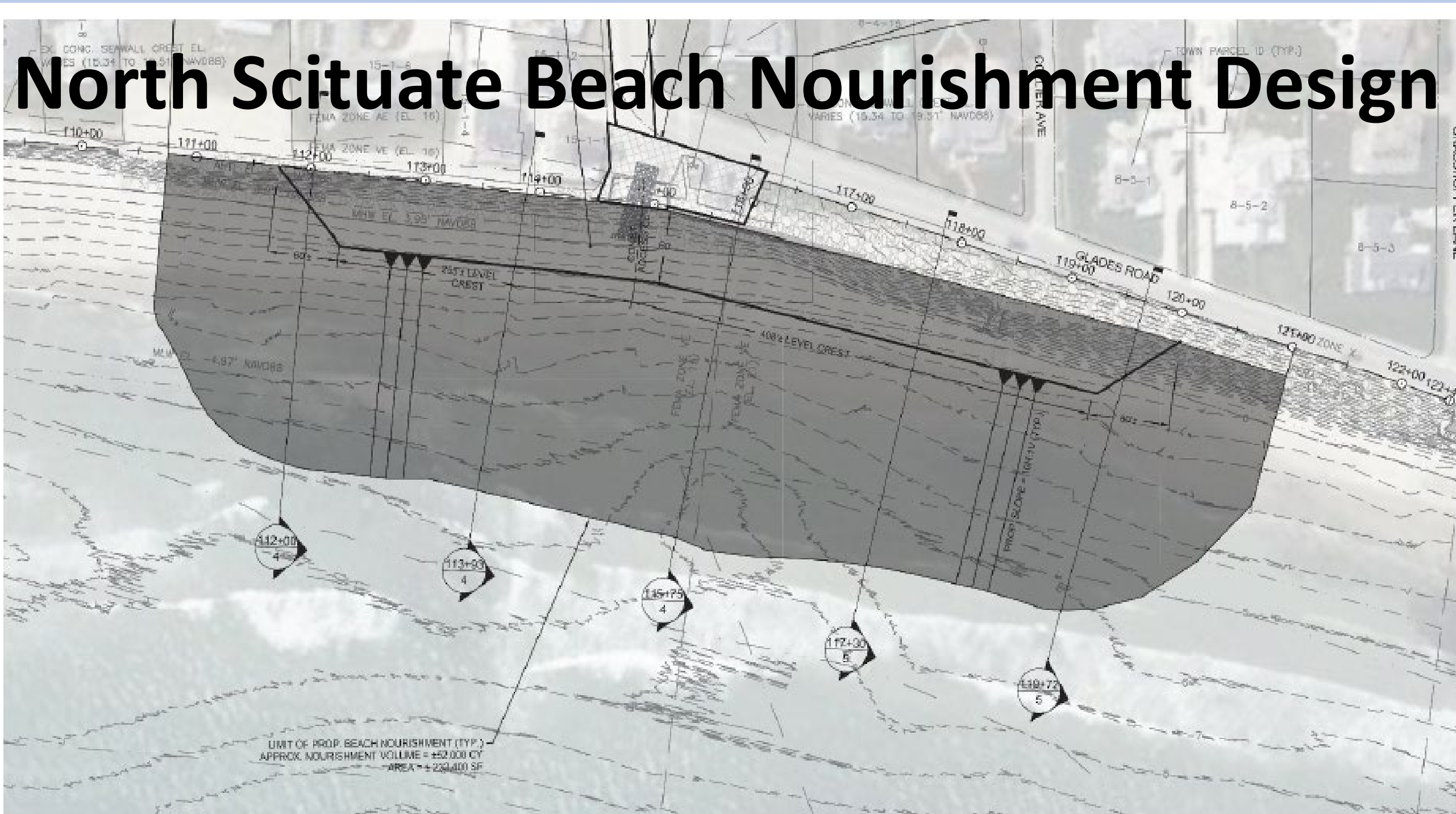
Beach nourishment is the process of placing additional sediment on a beach or in the nearshore to increase beach volume and reduce erosion.

What is the purpose of beach nourishment?

The seawall and revetment have altered natural sediment processes and have increased erosion of the fronting beach. Currently, the beach is completely submerged at high tide and ocean waves hit the seawall everyday. The primary goal of nourishment at North Scituate Beach is to use compatible sand and gravel material to reduce wave energy and protect the shoreline from damage due to storm surge and overwash.



North Scituate Beach Nourishment Design



What will it look like?

About 52,000 cubic yards of sediment will be trucked in and spread out on the beach with a bulldozer. The new material will rapidly spread out at first but it is not 'washed away'. The beach material is still there and is providing protection. The revetment will be covered with 80% sand and 20% gravel. **No cobble!**

This project was made possible thanks to two MA Coastal Zone Management Coastal Resilience Grants