

North Carolina Coastal Federation

CITIZENS WORKING TOGETHER FOR A HEALTHY COAST



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Citizens Working Together for a Healthy
Coastal Environment









Living Shorelines- Combining Erosion Control with Restoration Goals





- No Action
- Relocation of Threatened Structures
- Non-Structural Stabilization Measures (Slope Grading, Marsh Creation, Bio- Engineering, beach nourishment)
- Combination Approaches (Sills, Stone containment cells, etc. with plantings)
- Hardening Structures (Groins, Revetments, Gabions, Bulkheads)



Beach Nourishment and/or Marsh Planting





Hybrid Projects











Biologs/ Native Plantings

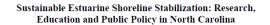




Oyster Shell Patch Reefs/ Sills



Carrot Island- NC NERRS- Rachael Carson Reserve



A Final Report Submitted to

The NOAA/UNH Cooperative Institute for Coastal and Estuarine Environmental Technology (CICEET)

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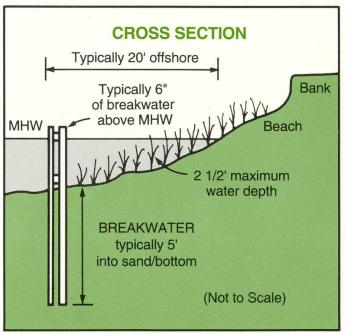




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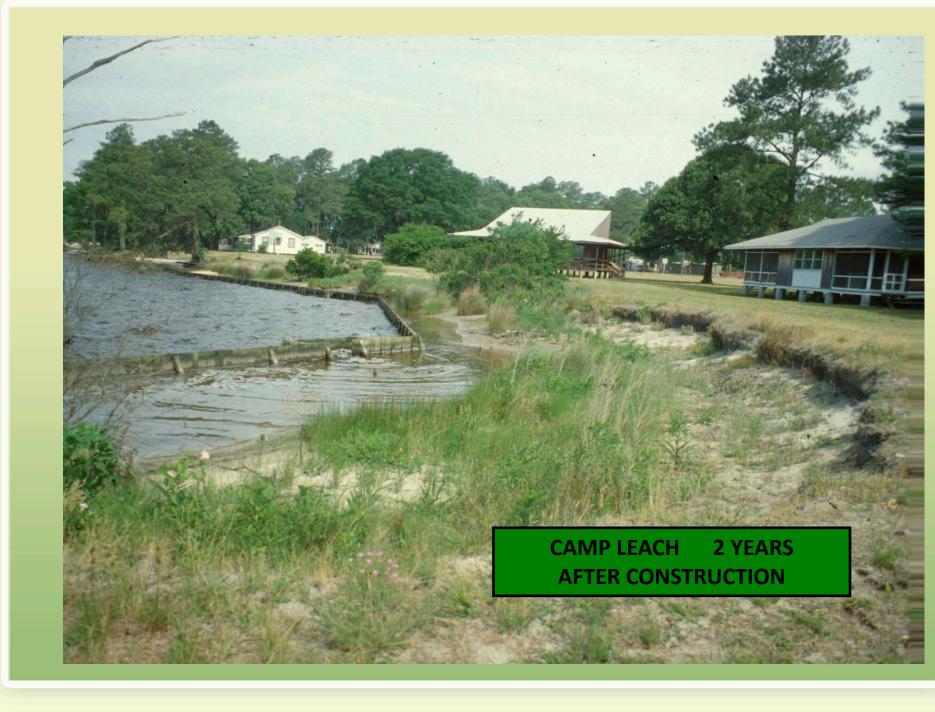
Vertical Wall Sills/Marsh Plantings





From Spencer M. Rogers, Jr., N.C. Sea Grant



















Edenhouse Boat Ramp- Chowan River



















Coastal Federation

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Roanoke Island Festival Park- Manteo, NC



NC STATE (CMAST) - Carteret Community College- Pre- Restoration

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CMAST Carteret Community



Morris Landing Preserve- Stump Sound









Morris Landing- Stump Sound

