

CHOOSE A SHORELINE SOLUTION THAT WORKS FOR YOU

LIVING SHORELINE

PROTECT YOUR PROPERTY. SUPPORT THE ECONOMY. BUILD COASTAL STRENGTH.

10 FACTS ABOUT LIVING SHORELINES

Proven by science conducted in North Carolina
by Faculty and Students at our universities

1 Slows Erosion and Can Grow Land

Native plants stabilize soils and reduce wave impacts, slowing erosion and collects sediment

2 Provides Storm Protection

Can reduce wave energy by up to 60% and protect homes and infrastructure

3 Reduces Flooding

Salt marsh wetlands are natural sponges that absorb and store floodwaters

4 Important Fisheries Habitat

Estuaries provide essential feeding, spawning, and nursery habitat for over 70% of NC commercially and recreationally important species

5 Improves Water Quality

Salt marsh plants and oysters filter sediments and pollutants to make water cleaner

6 Supports Wildlife

Provides habitat for birds, shrimp, crabs, oysters, fish, and other species that our economy relies on

7 Increases Property Value

Natural shorelines enhance waterfront aesthetics that can increase property appeal and value

8 Cost Less

Maintenance costs for living shorelines is on average lower than bulkheads and revetments

9 Adapts to Changing Conditions

Living shorelines grow on their own by supporting the marsh and accumulating sediment, becoming stronger over time

10 Strengthens Coastal Economy

By protecting fisheries, recreation, tourism, and natural resources they contribute to stronger economies and more resilient communities

GETTING STARTED

Step 1 – Contact NC Division of Coastal Management

DCM Field Representatives can help determine what stabilization options are possible for your property and explain permitting requirements

Step 2 – Consult with a Living Shoreline Expert

Experienced contractors and coastal restoration experts can evaluate site conditions for solutions

Step 3 – Design and Permit

Contractors will help develop a design and help obtain necessary permits

Step 4 – Install and Enjoy

Once installed, vegetation and natural materials begin working to stabilize and protect your shoreline

COST PROGRAMS

Are there any programs to assist homeowners with the costs?

There are a couple of options for property owners

NC Coastal Federation Cost-Share Program

go.ncsu.edu/nccf-share

NC Soil and Water CCAP Program

go.ncsu.edu/ccap-share

FIND OUT MORE

Learn more about
living shorelines

go.ncsu.edu/shoreline

Learn how to
maintain a bulkhead
and improve it with a
living shoreline

go.ncsu.edu/bulkhead



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