



Volunteers planting marsh grass at Morris Landing by Alan Cradick



North Carolina
Coastal Federation
Working Together for a Healthy Coast

About Us



501(c)3 Non-Profit

Member Supported

3 Regional Locations
across the coast

Non-partisan



North Carolina
Coastal Federation
Working Together for a Healthy Coast



★★★★
CHARITY NAVIGATOR
Four Star Charity

What We Work For – *Our Goals*

Clean coastal waters that support fishing and swimming

Salt Marsh

- **Living shorelines** that prevent sound-side erosion and provide habitat

Thriving oysters that support the coastal environment and economy

A coast that is **free of marine debris**

Effective coastal management that protects our coast

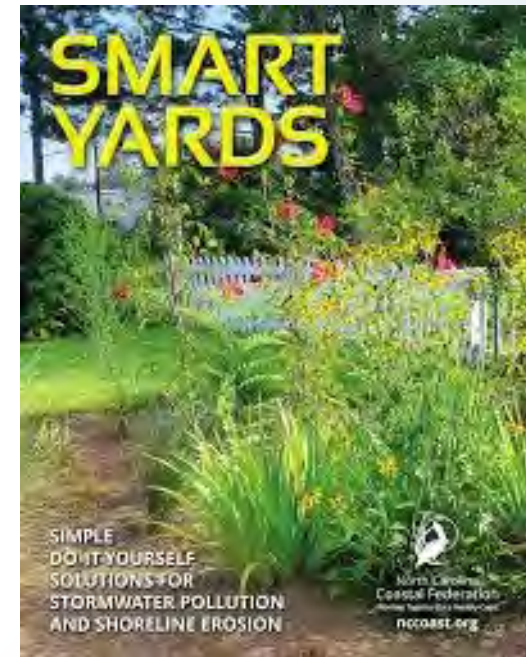
Ensuring an educated and engaged community



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What We Work For – *Our Goals*

- Clean coastal waters that support fishing and swimming



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Simple Do-It-Yourself Solutions to Reduce Stormwater Pollution

Smart Yards:

- Rain Gardens
- Reroute Downspouts
- Rain Barrels
- Native Landscaping and Tree Planting
- Permeable Paving
- Backyard Wetlands
- Living Shorelines





CCAP Highlights

[CCAP Advisory Committee](#)

[Best Management Practices](#)

[CCAP Design Manual](#)

[Regional Applications](#)

[Forms](#)

[Manual](#)

[Online Contracting System](#)

[Tools & Resources](#)

[Training Opportunities](#)

Cost Share Programs - CCAP



The Community Conservation Assistance Program (CCAP) is a voluntary, incentive-based program designed to improve water quality through the installation of various best management practices (BMPs) on urban, suburban and rural lands not directly involved with agriculture production.

Who is eligible?

Eligible landowners may include homeowners, businesses, schools, parks and publicly owned lands.

Browse Section

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Conservation Home](#)

[Cost Share Programs](#)

[ACSP](#)

[AgWRAP](#)

[CCAP](#)

[CS²](#)

[Program Reviews](#)

Search Soil and Water



Simple Do-It-Yourself Solutions to Reduce Stormwater Pollution

Rain Gardens:

- Shallow, vegetated areas that capture rain during storms.
- Works like a bowl to collect rain from roofs, driveways and parking lots.
- Native plants and soil soak up the rain before it has a chance to become polluted stormwater runoff.

Did You Know?: Rain gardens can reduce stormwater runoff by 90% or more!





Rain Gardens

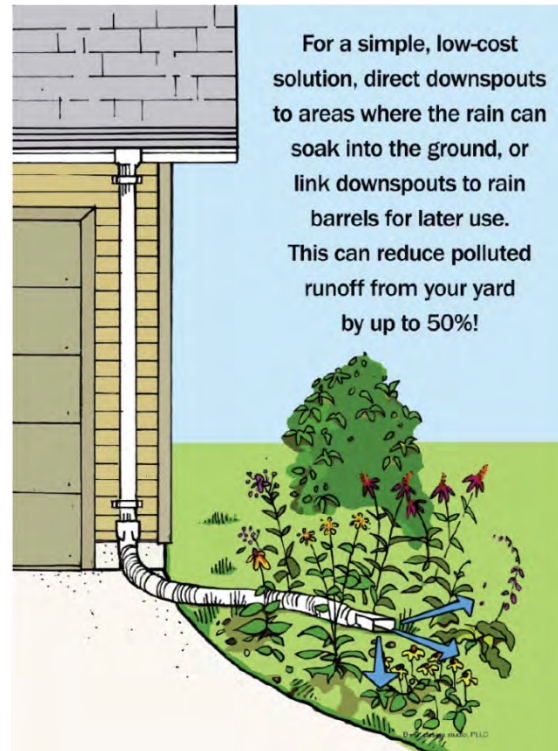


nccoast.org/smartyards

Re-route Downspouts:

Simple Do-It-Yourself Solutions to Reduce Stormwater Pollution

- Gutter downspouts pointing to driveways, sidewalks or parking lots direct rain from rooftops to the street, where it ends up as polluted runoff in storm drains and coastal waters.
- Instead direct downspouts to rain gardens, where the native plants and soil soak up and filter the rain.



Simple Do-It-Yourself Solutions to Reduce Stormwater Pollution

Rain barrels:

- Rain barrels collect and store rainwater from building roofs.
- They help reduce stormwater runoff and provide a free source of water for watering plants and gardens.

Did You Know?:

Just $\frac{1}{4}$ inch of rain produces enough runoff to fill a 50 gallon rain barrel?



NHCGov.com > Soil & Water Conservation District

RAIN BARREL SALES

Due to construction, the monthly rain barrel sale has been moved to the New Hanover County Government Center's South Entrance. Click here for a map and directions with Google Maps: <https://goo.gl/maps/72ous3giDdgiHhph7> .

Are you looking for rain barrels in Wilmington? The Ivy Barrel is available at 40% below retail price!

The Classic Black 50 Gallon Ivy Rain Barrels are **available for purchase and pick up on the 2nd Thursday of each month between 9:00 a.m. and 4:30 p.m.** The sale is located at the South Entrance of the New Hanover County Government Center. **The cost per barrel is \$85.** Cash, check, and credit cards are accepted. The barrels are available on a first come, first serve basis.

Unable to attend the sale in person? Call (910) 798-7130 or email soilwater@nhcgov.com to schedule an appointment for purchase and pick up on a date the works for you!

Ivy provides a new era of design innovation at an economical price. All parts are included for simple installation.

- Made in the USA using 100% recycled materials!
- 50-gallon capacity – perfect for homeowners
- Locking child-proof lid, stable when full, mosquito resistant
- Two overflow ports and screened inlet (best in class!)
- 3/4" ball valve connects to garden hose



Programs

[Education and Outreach](#)[Land Conservation](#)[Stormwater Solutions](#)[Rain Barrel Sales](#)

<https://soilwater.nhcgov.com/programs/rain-barrels/>

Simple Do-It-Yourself Solutions to Reduce Stormwater Pollution

Native Landscaping:

- Native landscaping includes the use of hardy native plants that occur naturally in the soils and climate of the southeast coastal region.
- Native plants soak up stormwater and provide habitat for local butterflies, bees and other insects.
- Native plants generally do not require fertilizers, pesticides and irrigation.





NC Coastal Landscape Designs templates including screens and borders



SCREENING WITH VINES

FOR SUNNY, DRY AREAS

SUN: ☀️ 🌿
WATER: 💧
SEASONAL COLOR: MAR-OCT



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Simple Do-It-Yourself Solutions to Reduce Stormwater Pollution

Pervious concrete:

- Pervious concrete allows stormwater to filter into the underlying soil vs. flowing off the site as polluted runoff.
- Unlike traditional concrete, pervious concrete lacks sand in its mixture which allows the rain to fill the tiny holes and seep into the ground.

Did you know?: Permeable concrete is now being used at many commercial, residential and institutional projects across the state.





Simple Do-It-Yourself Solutions to Reduce Stormwater Pollution

Backyard Wetlands:

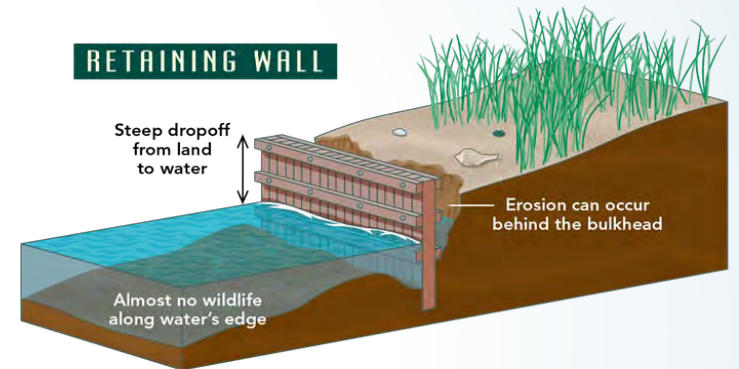
- Backyard wetlands are depressed wet areas that are enhanced with native wetland plants.
- They are well suited for yard areas that are usually wet for several days following rain.
- Backyard wetlands are generally in locations with high-water tables and soggy soils.





What We Work For – *Our Goals*

Salt Marsh - Living shorelines that prevent sound-side erosion and provide habitat



'Hard' infrastructure like retaining walls abruptly severs the ecological connection between the coast and water.



Not only do Living Shorelines defend land against destructive waves, but they also provide crucial habitat for fish and wildlife.

Benefits of Living Shorelines



The Federation's Living Shoreline Cost-Share Program for Public and Private Property Owners



Living Shoreline in front of a private property along Bogue Sound.



North Carolina
Coastal Federation
35 years
working together for a healthy coast

What We Work For – *Our Goals*

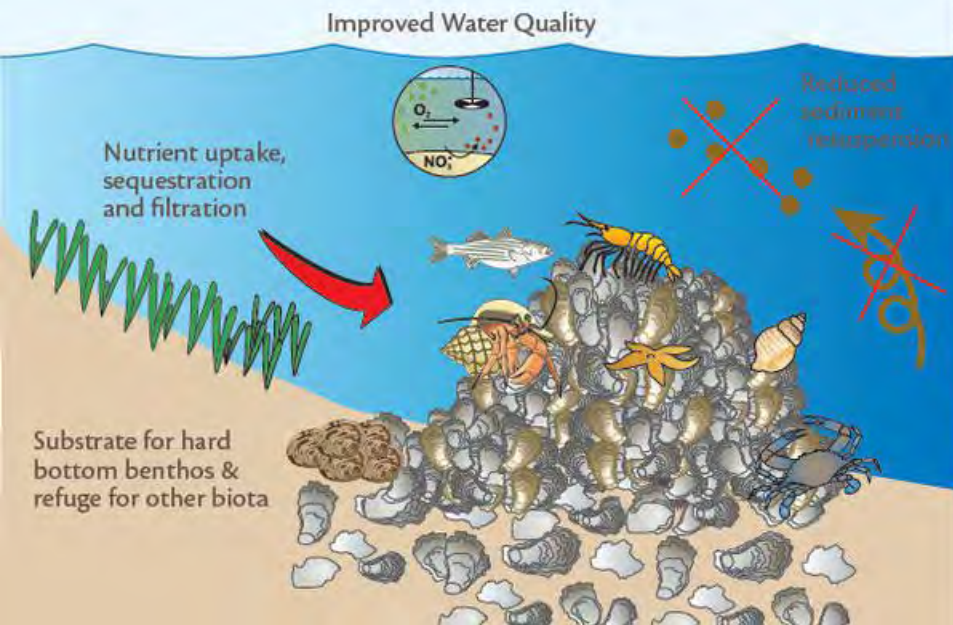
Abundant **oysters** that support the coastal environment and economy



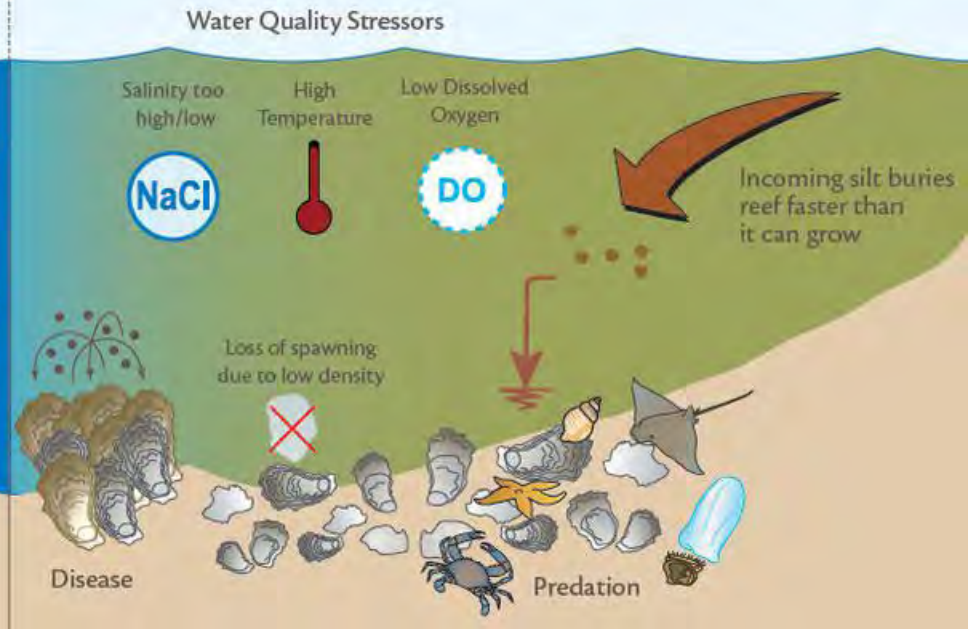
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Ecosystem benefits provided by Oysters



Ecosystem stressors to Oysters





RECYCLING FOR REEFS

A North Carolina Coastal Federation
Oyster Shell Recycling Program

Shells only. No trash. Do not remove shells.

Why Recycle Shells?

- *Recycled oyster shells are a valuable resource.*
- *Shells are returned to the sounds to build reefs.*
- *Baby oysters attach to the reefs and grow more oysters!*



New Oyster Reefs:

- *Provide habitat for fish, crabs, and shrimp.*
- *Help reduce soundside erosion.*
- *Filter water to clean our estuaries.*



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Visit the **North Carolina Coastal Federation** at
nccoast.org/shellrecycling and join our efforts.
Scan code or call 252.393.8185 for more information.

NC OYSTER TRAIL

"Experience the Napa Valley of oysters."

— Rowan Jacobsen, author of
A Geography of Oysters



LOCAL SEAFOOD



FINE DINING



OUTDOOR ADVENTURE



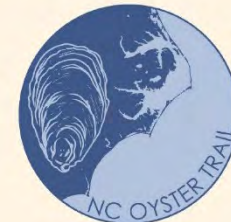
FESTIVALS & EVENTS



Photos: Justin Kase Conder

SHELLFISH FARM TOURS

The NC Oyster Trail offers unique tourism experiences centered on North Carolina's tasty oysters.



Plan your adventure at NCoystertrail.org



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How SmartYards Enhance Property Values

- Boosts Curb Appeal
- Lowers Utility Bills for Homeowners
- Reduced Risk of Flooding and Erosion
- Increased Wildlife and Diversity
- Environmentally-friendly features attracts buyers
- Long-Term Value and Resale Potential



Questions, Comments or Concerns?



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