



# ***Community Connections***

Sara Hallas, Coastal Education Coordinator  
North Carolina Coastal Federation

Protect & Restore Track  
Ballroom B  
11:00 – 11:30am

# *Education • Restoration & Preservation • Advocacy*



North Carolina  
Coastal Federation  
*Working Together for a Healthy Coast*

**Mission:** To provide citizens and groups with the assistance they need to take an active role in the stewardship of North Carolina's coastal water quality and natural resources.

[www.nccoast.org](http://www.nccoast.org)





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# SHELL



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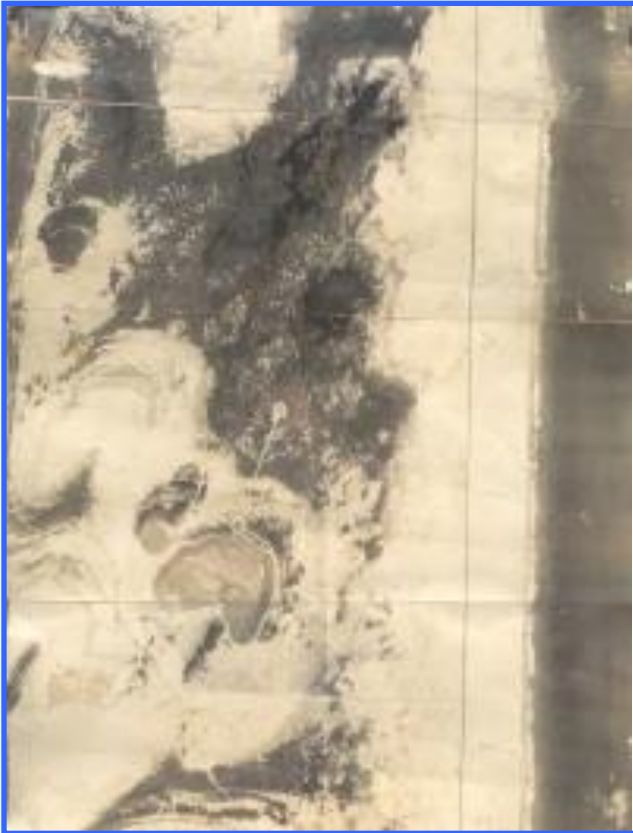




# Understanding Hydrology

What happens when you go from this... to this?

1932 Kill Devil Hills, NC



2002 Kill Devil Hills, NC



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# Jockey's Ridge State Park Nags Head, North Carolina



# Jockey's Ridge State Park 2009



# Jockey's Ridge State Park 2009



# Jockey's Ridge State Park 2010



# Jockey's Ridge State Park 2010



# Jockey's Ridge State Park 2011



# Jockey's Ridge State Park 2012



# Jockey's Ridge State Park 2013



Living Shorelines are a creative approach to maintain, restore, or enhance the shoreline's natural habitats while providing stabilization.



# Student Wetland Nursery Program



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## Professional Development for local teachers



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Are we  
really  
making a  
difference?



# Yes!

-Measure student knowledge through pre/post testing after year-long involvement:

Average 30% increase in knowledge

Liz Gray, 8<sup>th</sup> Grade Science Department Chair:

“When they see the living creatures they can get their hands on, from plankton, small fish, and crabs it helps motivate them to keep exploring.”

“Interacting with the local fauna also helps them understand why the habitat is important; and the oyster reef calms the energy of the sound’s waves in a noticeable way, that they would never take in from sitting in the classroom.”

“Some kids haven’t even been to Jockey’s Ridge before even though they live here,” Gray added.

8<sup>th</sup> grade teacher Debbie Walker said, "Wow, I was so impressed with how engaged the students were at each station."



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More interest in  
High School for  
Volunteer opportunity



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# Thank you!



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**NO WETLANDS  
NO SEAFOOD**

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