



# Adult Training & Stewardship at the N.C. Coastal Reserve

Rebecca Ellin

North Carolina Coastal Reserve & National Estuarine Research Reserve  
Division of Coastal Management



# 29 National Estuarine Research Reserves



## LIST OF RESERVES

### Great Lakes

1. Lake Superior, Wisconsin
2. Old Woman Creek, Ohio

### Northeast

3. Wells, Maine
4. Great Bay, New Hampshire
5. Waquoit Bay, Massachusetts
6. Narragansett Bay, Rhode Island
7. Connecticut (*Proposed*)

### Mid-Atlantic

8. Hudson River, New York
9. Jacques Cousteau, New Jersey
10. Delaware
11. Chesapeake Bay, Maryland
12. Chesapeake Bay, Virginia

### Southeast

13. North Carolina
14. North Inlet-Winyah Bay, South Carolina
15. ACE Basin, South Carolina
16. Sapelo Island, Georgia
17. Guana Tolomato Matanzas, Florida

### Gulf of Mexico

18. Rookery Bay, Florida
19. Apalachicola, Florida
20. Weeks Bay, Alabama
21. Grand Bay, Mississippi
22. Mission-Aransas, Texas

### West

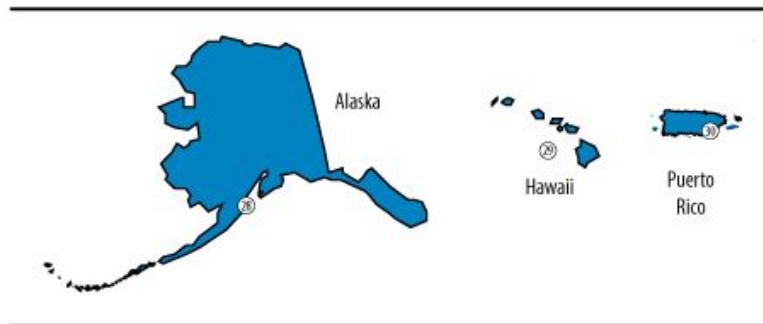
23. Tijuana River, California
24. Elkhorn Slough, California
25. San Francisco Bay, California
26. South Slough, Oregon
27. Padilla Bay, Washington
28. Kachemak Bay, Alaska

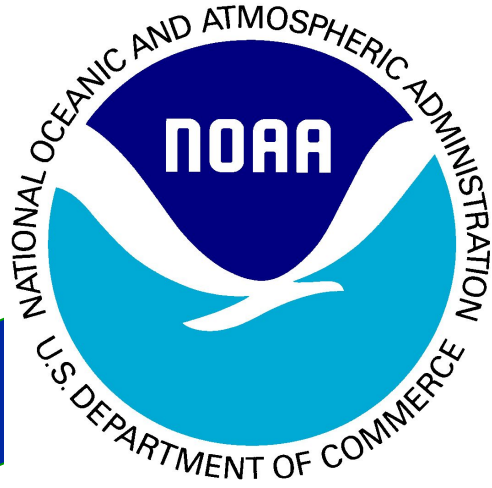
### Pacific

29. He'eia, Hawai'i

### Caribbean

30. Jobos Bay, Puerto Rico





*Coastal Management*  
ENVIRONMENTAL QUALITY

## **North Carolina Coastal Reserve**



**North Carolina  
National Estuarine Research Reserve**

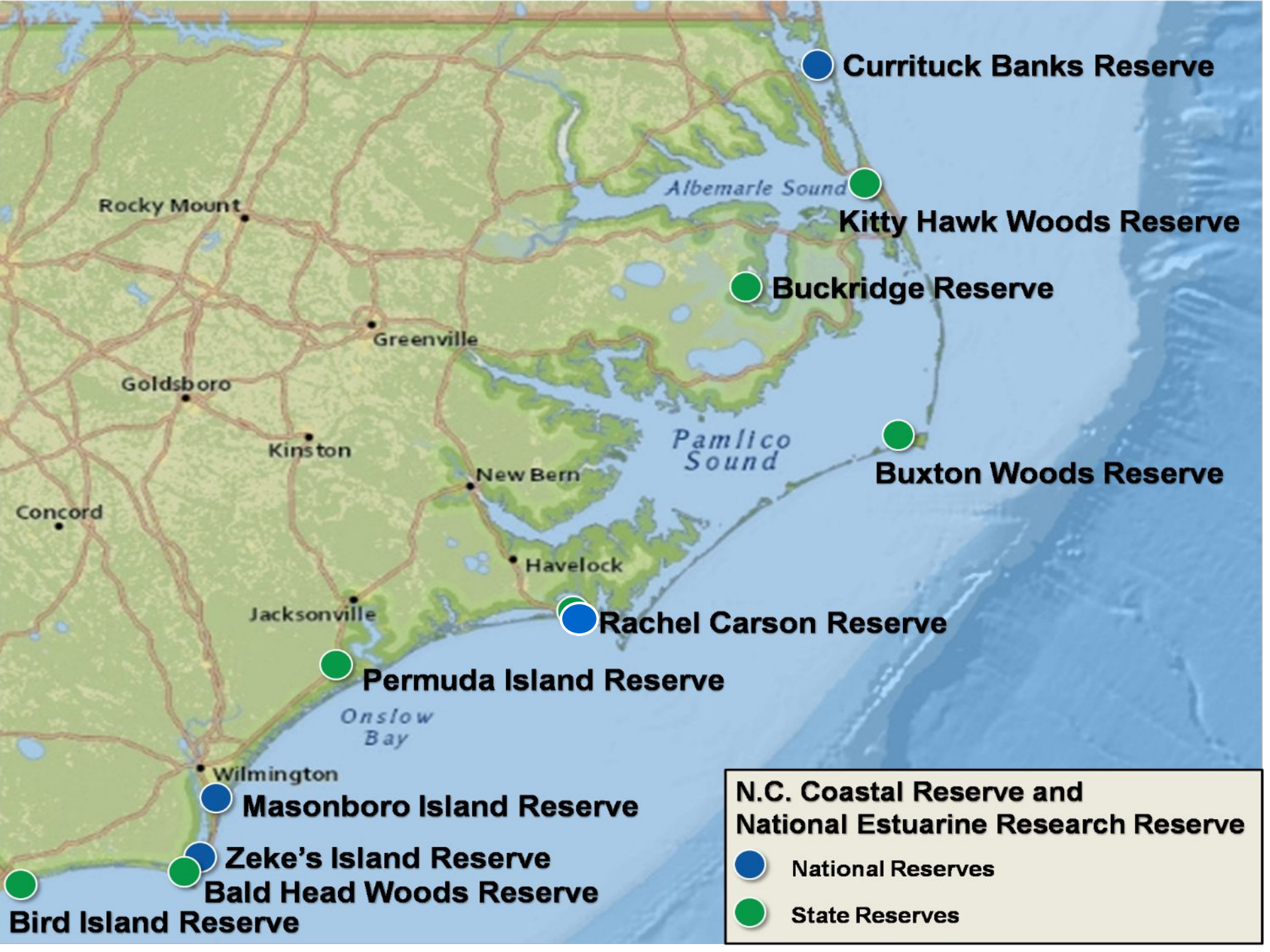


# Purposes



- Protect representative coastal N.C. ecosystems
- Conduct relevant research to inform sound management of coastal resources
- Increase understanding of coastal ecosystems, their importance, and the effects humans have on them
- Accommodate compatible, traditional recreational uses





**Currituck Banks Reserve**

**Kitty Hawk Woods Reserve**

**Buckridge Reserve**

**Buxton Woods Reserve**

**Rachel Carson Reserve**

**Permuda Island Reserve**

**Masonboro Island Reserve**

**Zeke's Island Reserve**

**Bald Head Woods Reserve**

**Bird Island Reserve**

**N.C. Coastal Reserve and National Estuarine Research Reserve**

**National Reserves**

**State Reserves**



# **Fostering stewardship of Reserve sites and coastal ecosystems**





# Fostering Stewardship: Site Stewardship





# Fostering Stewardship: Terrapin Tally





# Fostering Stewardship:

## Seabird Ecological Assessment Network (SEANET)



# Fostering Stewardship: Volunteer Field Trip Leaders







# Promoting informed coastal decisions through science-based training for professionals



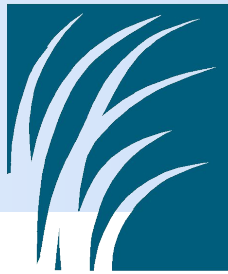


Coastal decision makers =

- local, state, and federal government staff
- land use planners
- regulators
- floodplain managers
- engineers
- consultants
- real estate professionals







COASTAL  
TRAINING  
PROGRAM  
North Carolina  
National Estuarine Research Reserve











# Best Practices



- Provide meaningful hands-on opportunities
- Translate science to enhance understanding
- Understand and address interests and needs
- Offer incentives
- Enhance capacity with partnerships







Thank  
you!



Rachel Carson Reserve



Masonboro Island Reserve



North Carolina Coastal Reserve



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