

Benthic Habitat Mapping in Core and Bogue Sounds, NC

Don Field and Lisa Wood

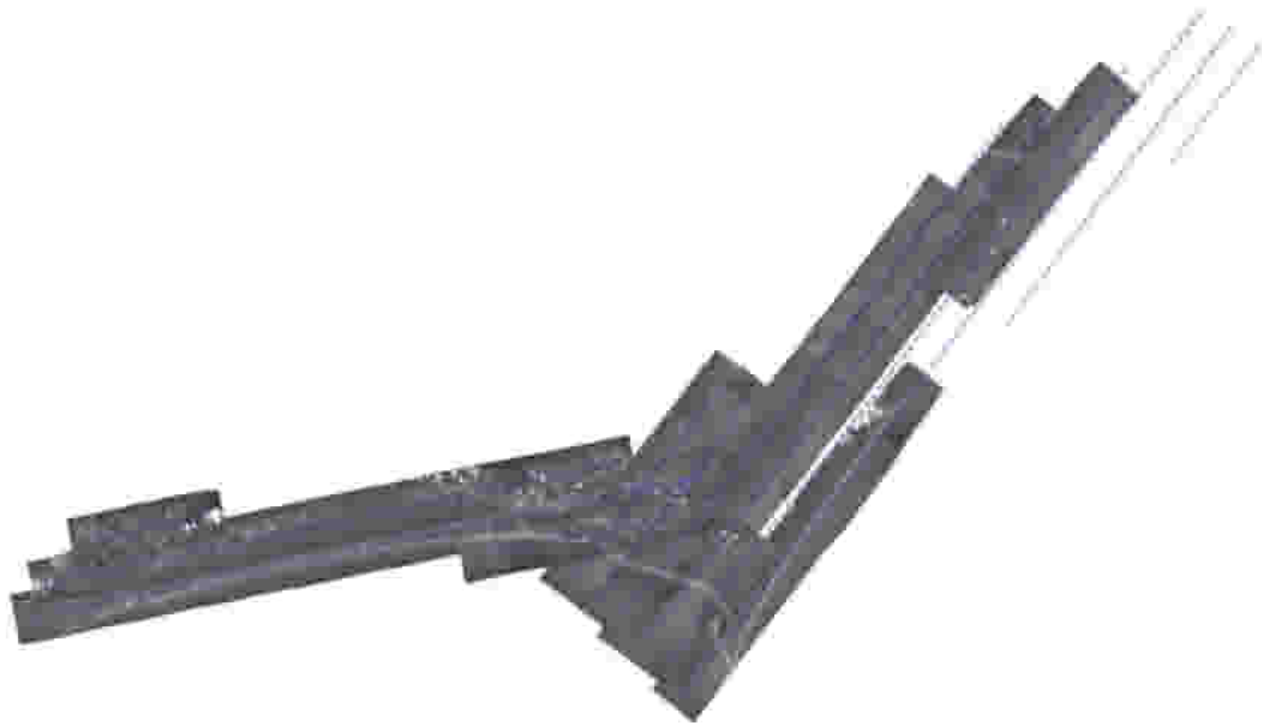
**NOAA - National Centers for Coastal Ocean Science
Center for Coastal Fisheries and Habitat Research
Beaufort, NC**

And

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Elizabeth City State University**

**Department of Environmental and Marine Studies
Center for Excellence in Remote Sensing
Education and Research (CERSER)
Elizabeth City, NC**

DMC Acquisition, May 31, June 1, 2006



Field Verification – Random Points



Field Verification – Random Points



Field Verification – Underwater Video



Field Verification – Underwater Video



Field Verification – Underwater Video



Field Verification – In-Water



DMC Camera



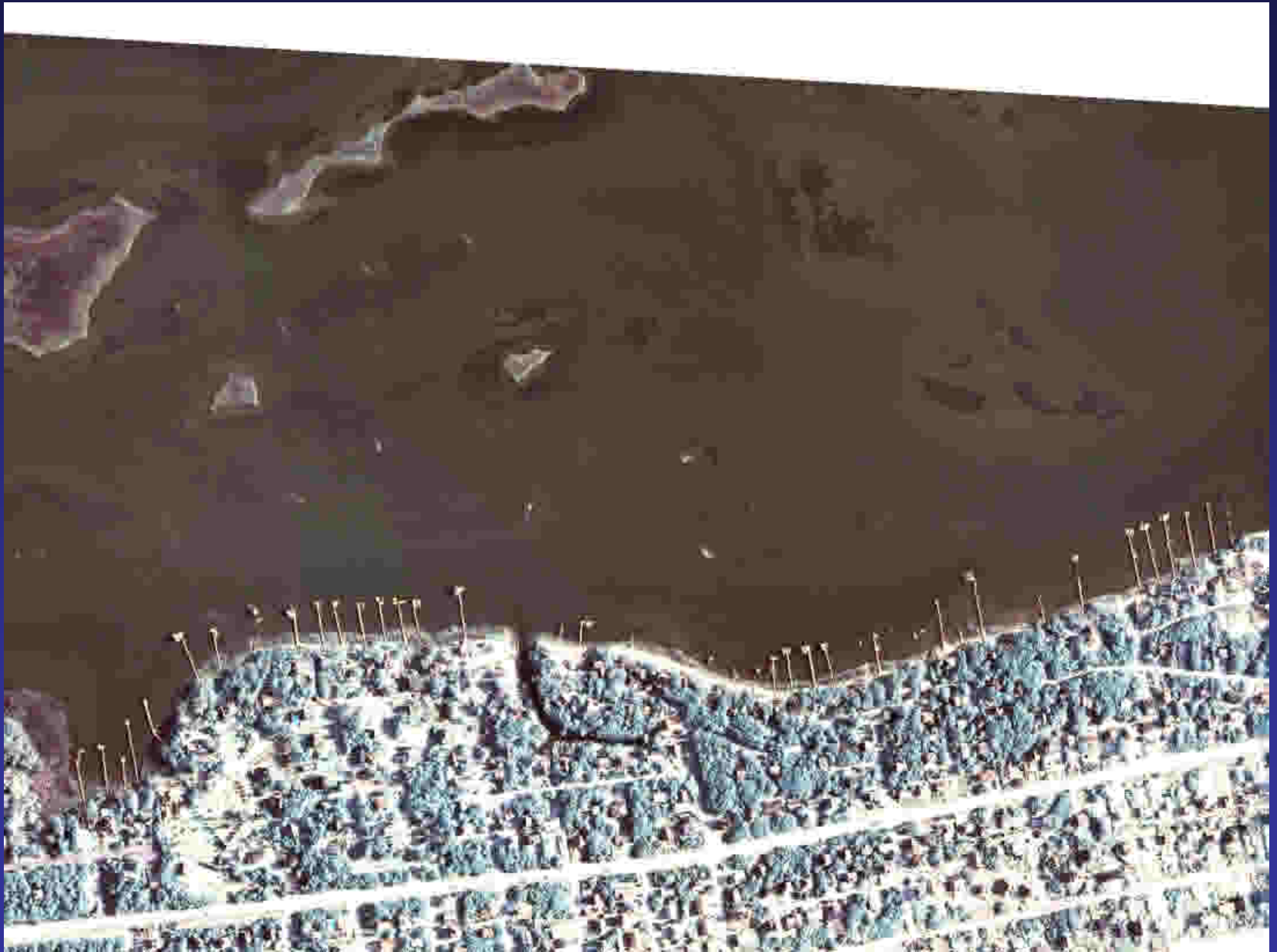
DMC Hard Drives



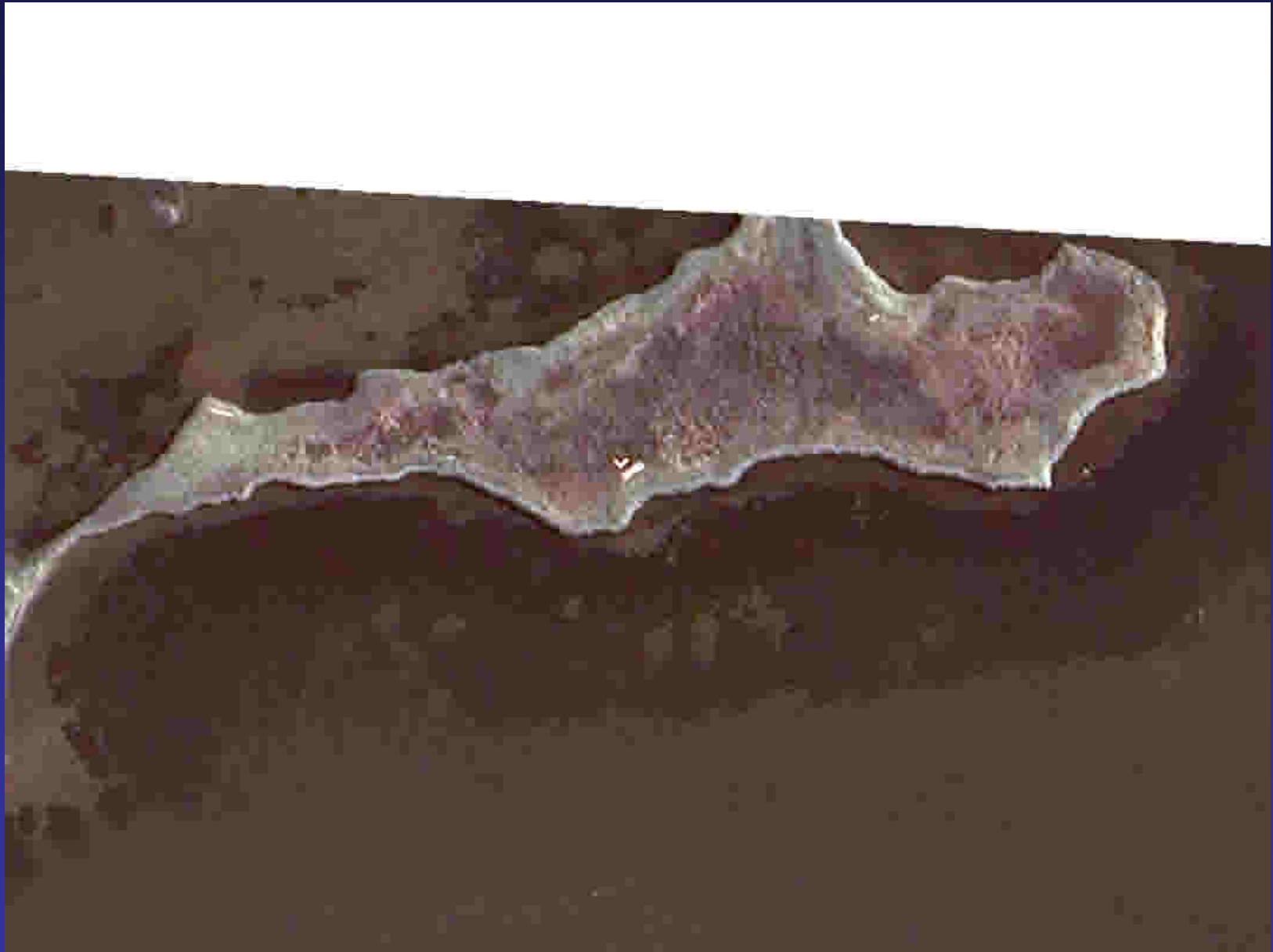
DMC Imagery – Emerald Isle



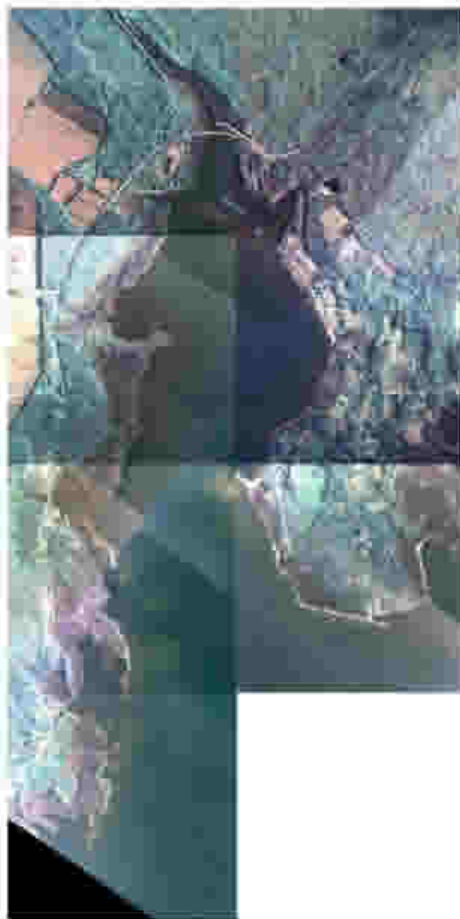
DMC Imagery – Emerald Isle



DMC Imagery – Emerald Isle



DMC Imagery – Nelson Bay



DMC Imagery – Nelson Bay



DMC Imagery – Nelson Bay



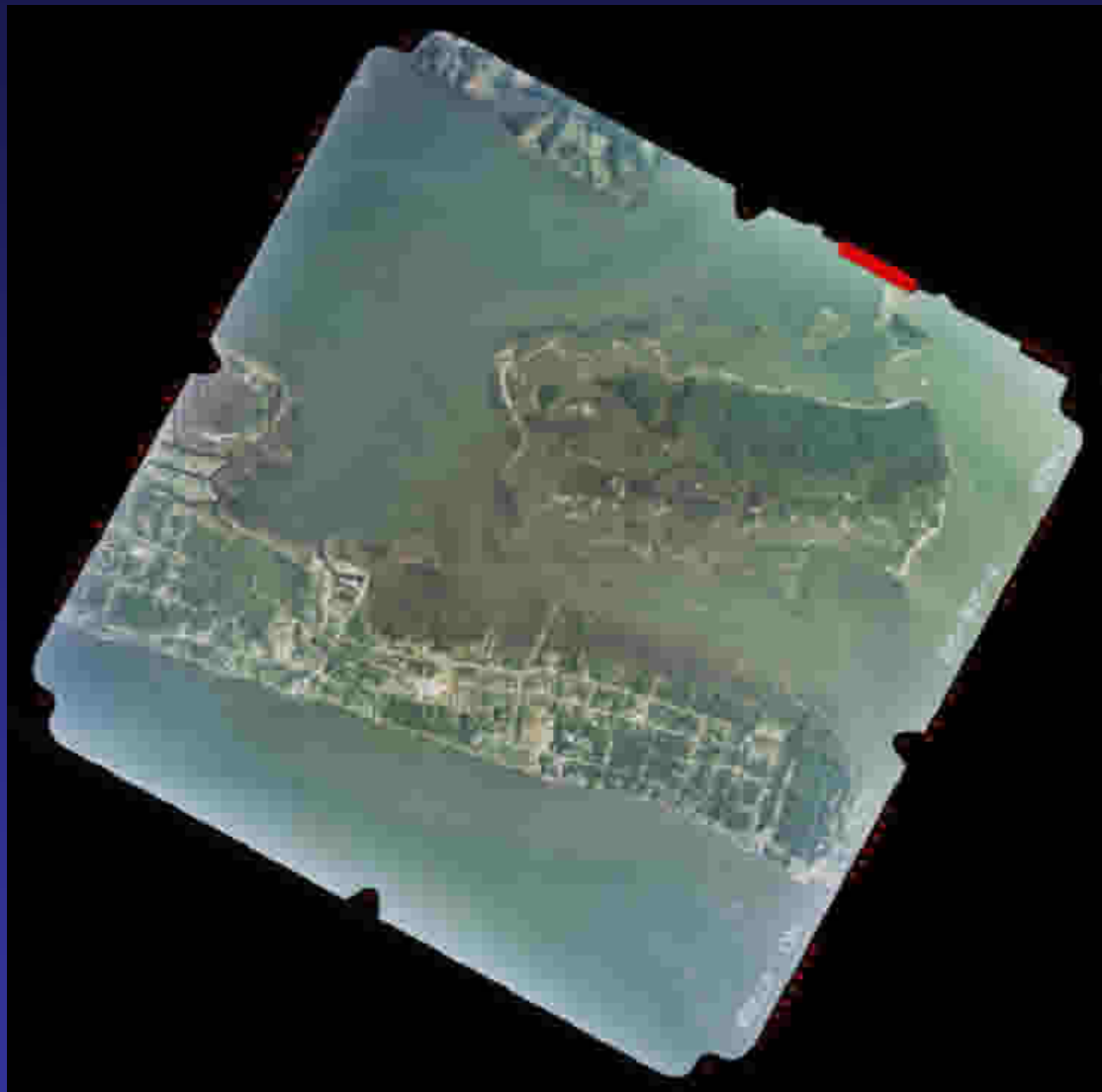
DMC Imagery – Nelson Bay



DMC Imagery – Emerald Isle



1992 – East Harkers Island



May 24, 1992 Color Air Photo – 1:24,000 Scale

1992 – Beaufort Area

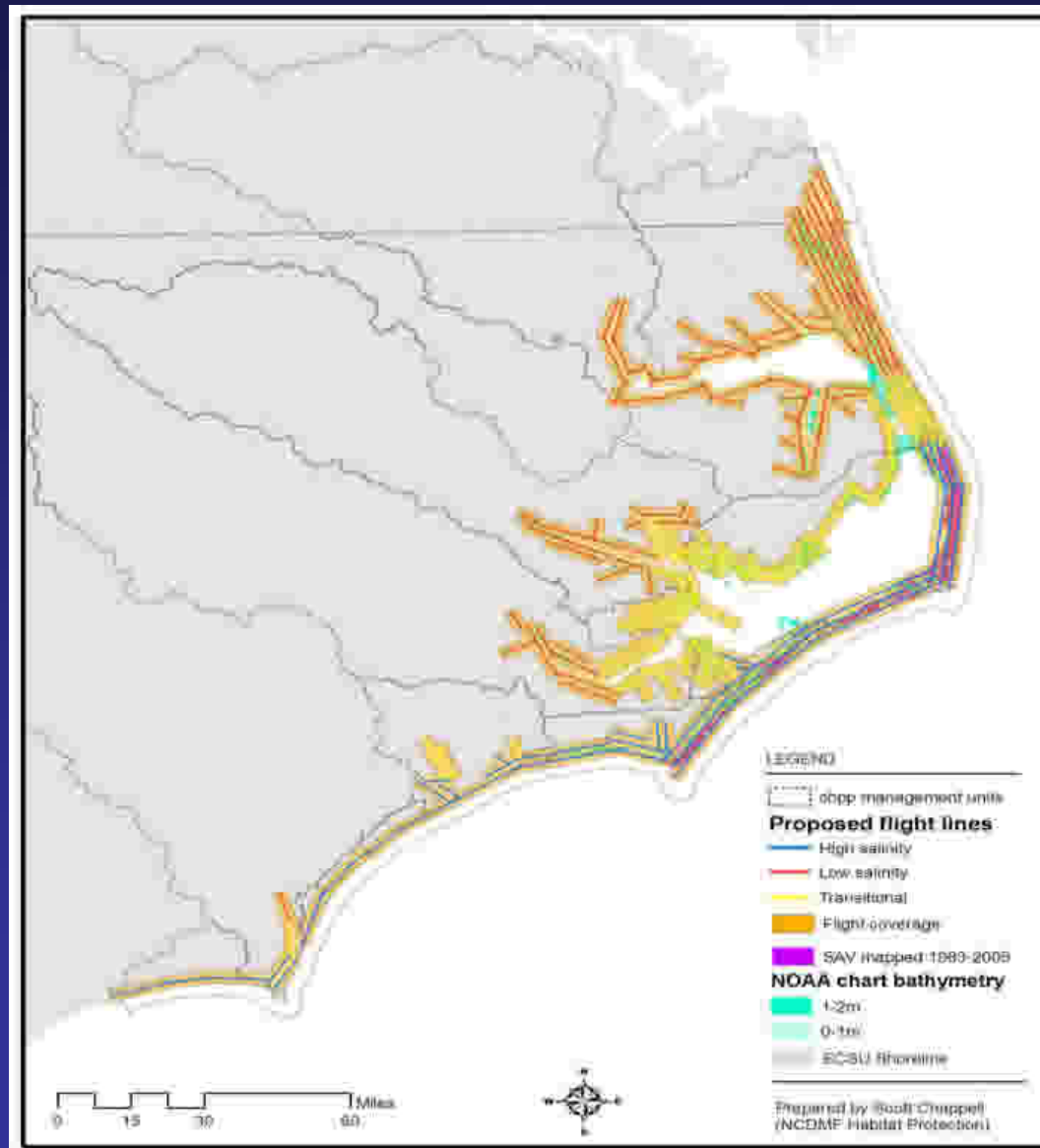


Cooperative Monitoring, Restoration, And Research Concerning Submerged Aquatic Vegetation Habitat in Coastal North Carolina

Cooperating Agencies

United States Department of the Interior Fish and Wildlife Service (USFWS), National Park Service (NPS), the Albemarle-Pamlico National Estuary Program (APNEP), U.S. Army Corps of Engineers, Elizabeth City State University (ECSU) Department of Geological, Environmental and Marine Science (GEMS), University of North Carolina System, East Carolina University, The Nature Conservancy, The North Carolina Department of Environment and Natural Resources (DENR) divisions for Water Resources (DWR), Marine Fisheries (DMF), Coastal Management, Ecosystem Enhancement Program, and Water Quality Coastal Nonpoint Source Program (DWQ CNPSP), NOAA Center for Coastal Fisheries and Habitat Research

North Carolina Benthic Mapping



North Carolina Benthic Mapping

- Ad hoc ground truthing working group – Anne Deaton, Scott Chappell, Brian Conrad – NCDMF, Liz Nobel, Stephanie Kudyba – ECSU, Don Field – NOAA
- Random points for ground truthing – Scott Chappel
- Protocols and data sheets being developed – Anne Deaton
- NCDMF and others will provide field teams
- Training for field teams – ECSU – Liz Noble
- Imagery collection to begin Spring 2007

North Carolina Benthic Mapping

