

Collaboration & Partnering:

Paddling Solo or Rowing Together

Craig Hardy

Habitat & Enhancement Section

NC Division of Marine Fisheries

Artificial Reefs and Oyster Sanctuaries

- Artificial Reefs have benefited from collaboration with artificial reef associations and fishing clubs using fishing tournaments and other fund raisers to enhance reefs in their area for decades
- Collaboration with Pete Peterson and Hunter Lenihan lead to mound construction by DMF and monitored by UNC IMS for years – providing guidance for early oyster sanctuary work

Development of an Oyster Sanctuary Network

- **Siting:**

- NC State – drifter studies
- NC State/UNC-IMS: modeling
- NCCF Northern Oyster Workgroup

- **Clam Shoal:**

- TNC: funding and monitoring
- UNC IMS: suitability survey
- NCCF/NOAA – ARRA: development

Oyster Sanctuaries

- **Crab Hole:**
 - TNC
 - NC DOT
 - NCCF/NOAA-ARRA
- **Long Shoal:**
 - TNC
 - DOD – US Navy
- **Gibbs Shoal – CRFL**
- **Raccoon Island - CRFL**

Oyster Sanctuaries

- **Bluff Shoal:**
 - Clean Water Management Trust Fund
 - NOAA
 - TNC
 - APNEP
- **Most sanctuaries are permitted with additional acreage to allow for future development – provides shovel ready locations**

Key Components for Successful Collaborations

- **Communication**
- **Common goals**
- **Communication**
- **Incorporate expertise**
- **Communication**
- **Clear understanding of duties and obligations**
- **Communication**
- **Teamwork**

Future Direction

- **Goals:**
 - Priorities of each partner
- **Plan of Action**
- **Roles/Contribution of partners**
- **Funding Opportunities:**
 - Protocol for collaboration
 - Individual projects toward common goal
- **Communication:**
 - Regional instate workgroups
 - Annual conferences/workshops
 - Regional or international symposiums