Report to the Atlantic States Marine Fisheries Commission

ISFMP Policy Board

February 7th, 2019

Steering Committee Meeting

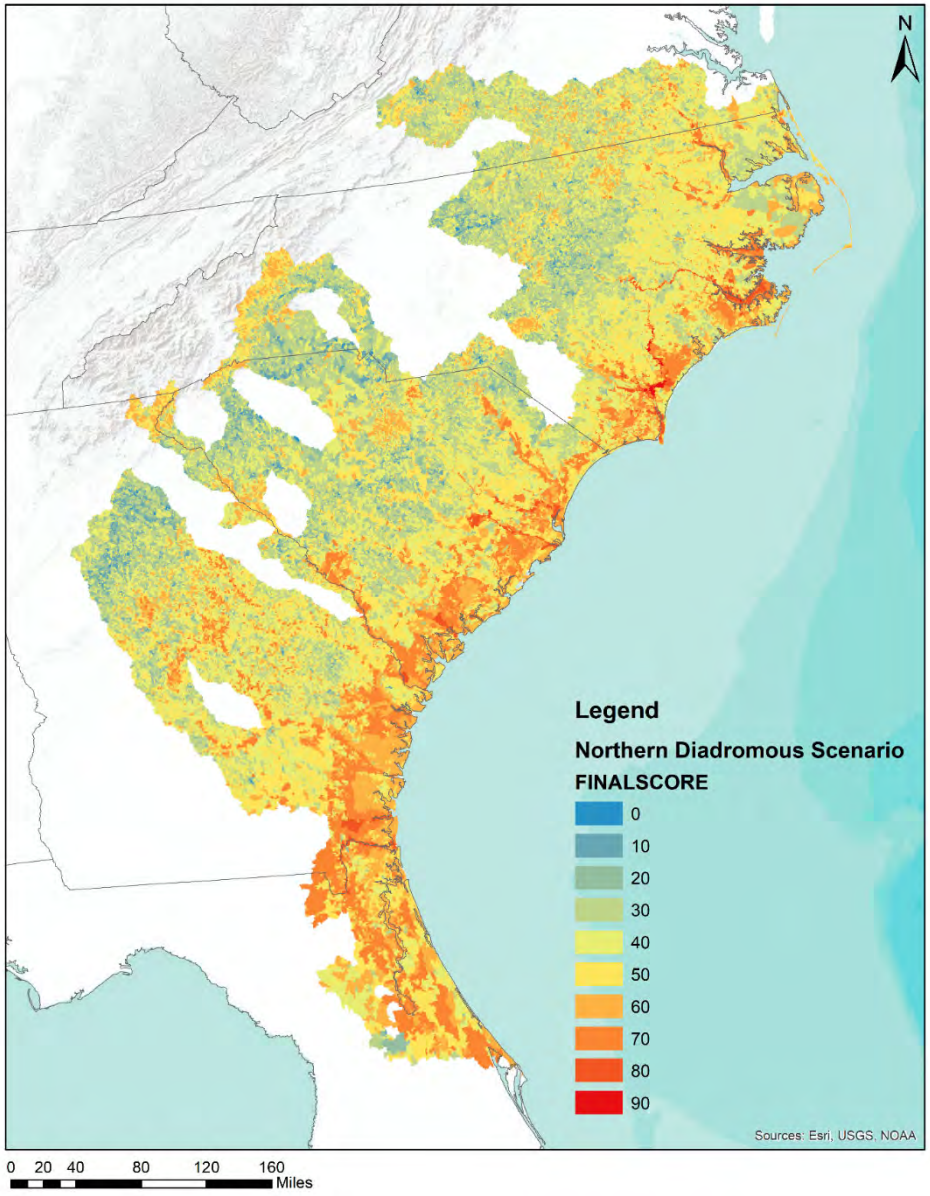
- Met November 15 – 16 in Newburyport, MA
- Approved recommendation for FY19 NFHAP funding
- MA DMF presentation on conservation moorings
- Updates on website, SE mapping project, business plan, NFHP
- Presentation from Ipswich Shellfish Group on commercial clamming

Southeast Mapping

- Spatially prioritize areas for fish habitat conservation from NC through FL
- To help ACFHP and partners identify where best to invest efforts and future project funds
- Four separate analyses
  - NC to Cape Canaveral diadromous
  - NC to CC estuarine
  - CC to FL Keys estuarine
  - CC to FL Keys coastal (corals)

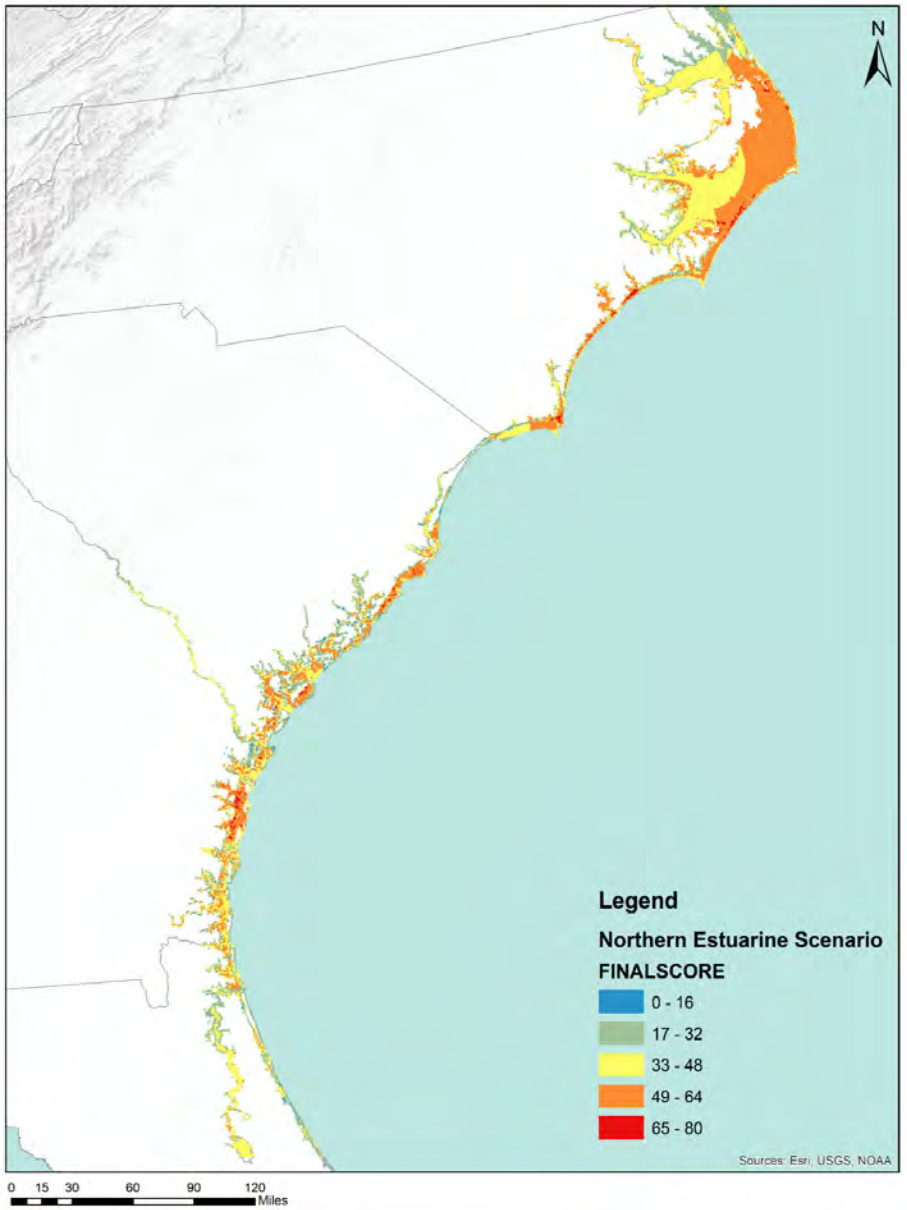
Southeast Mapping

Diadromous Assessment



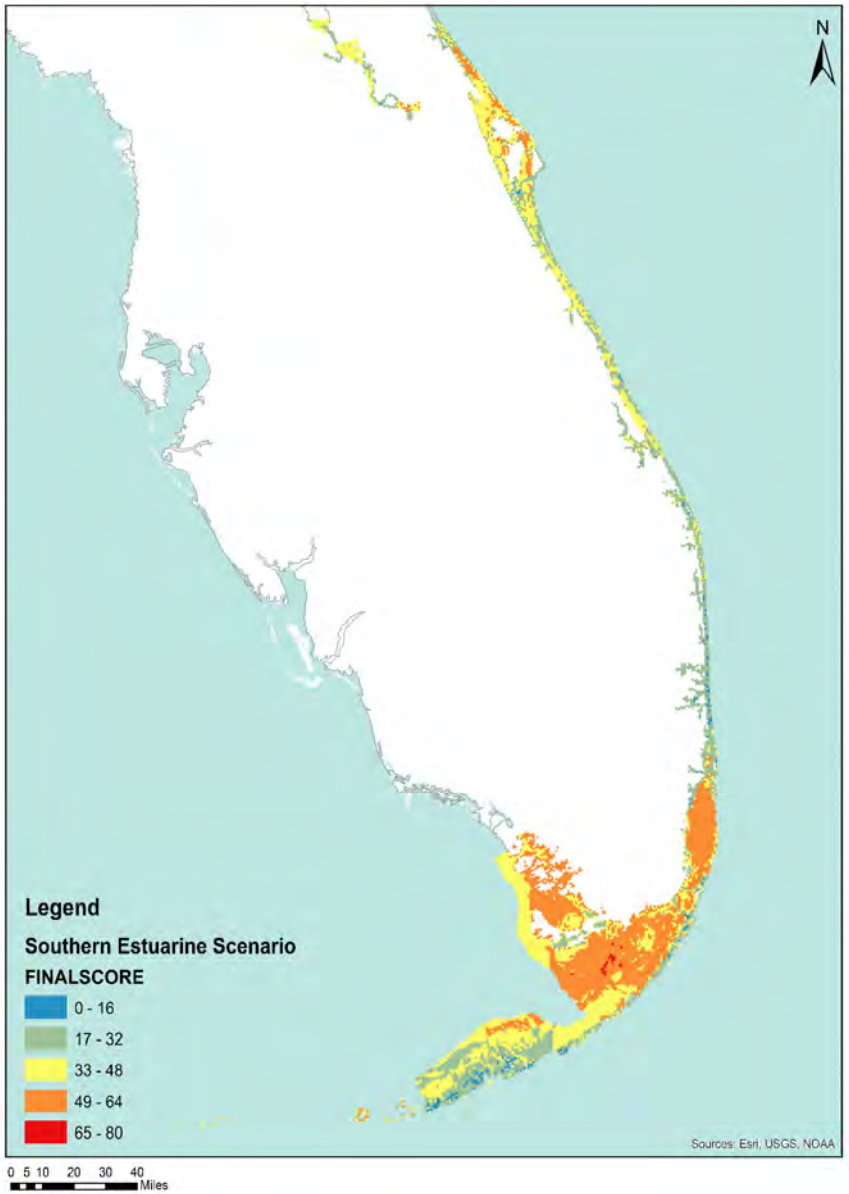
Southeast Mapping

Northern Estuarine Assessment



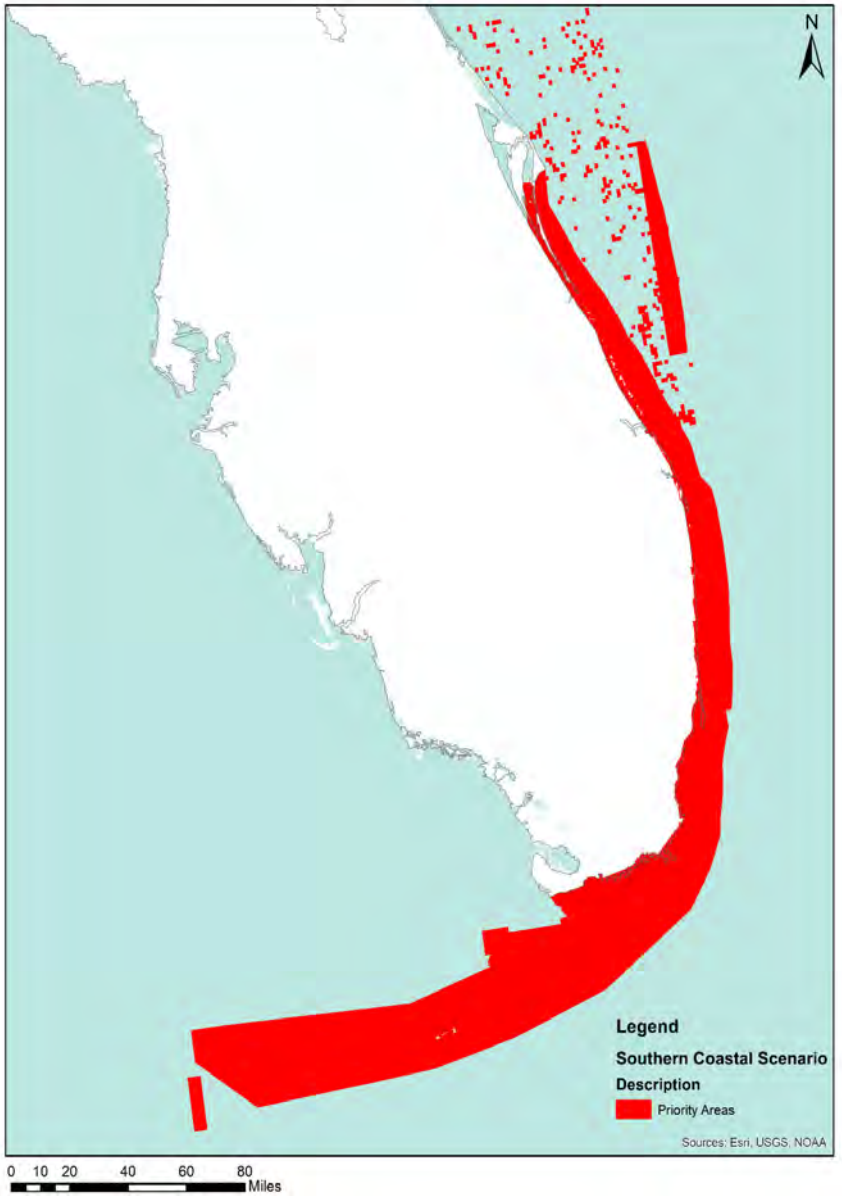
Southeast Mapping

Southern Estuarine Assessment



Southeast Mapping

Coastal Assessment

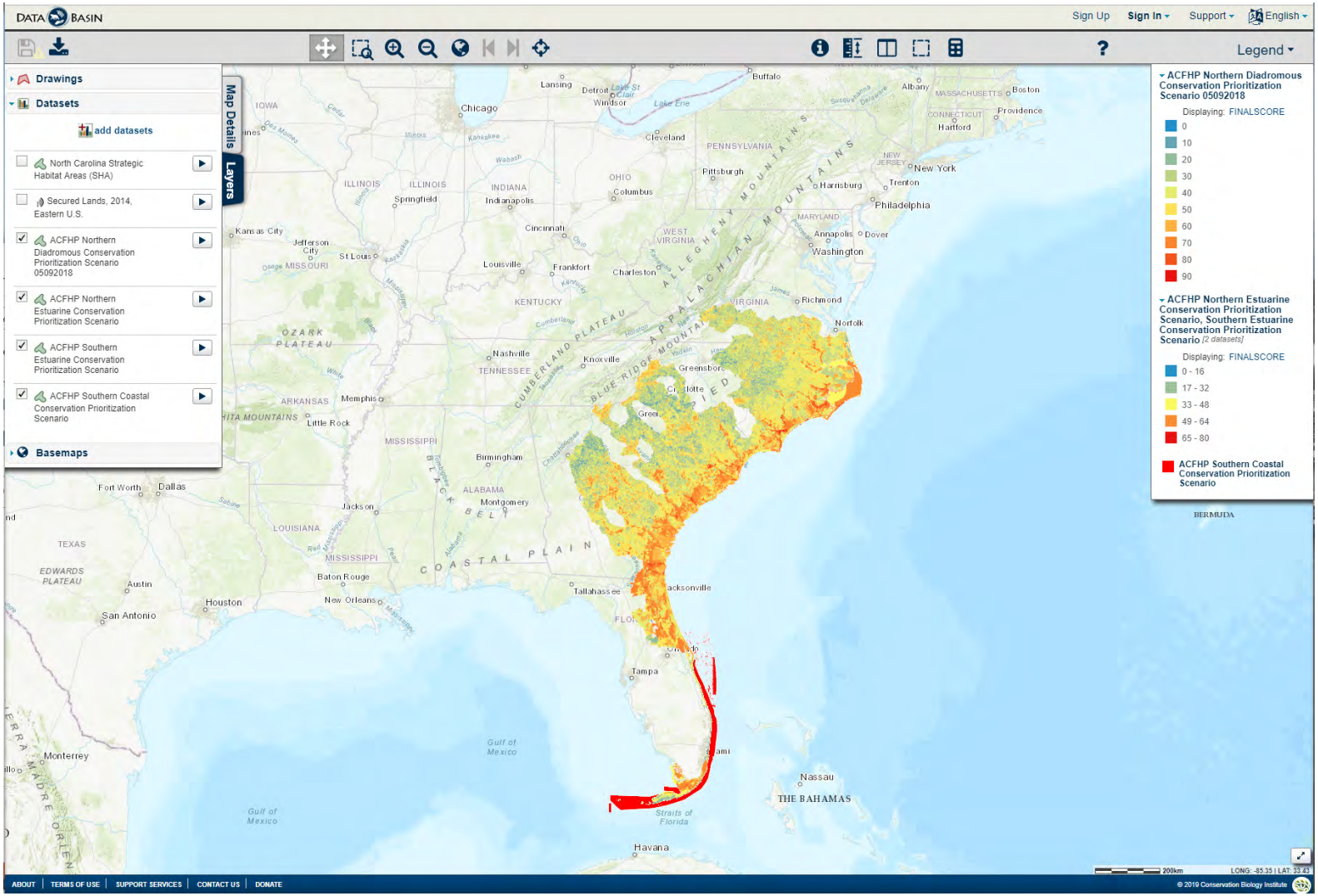


Southeast Mapping

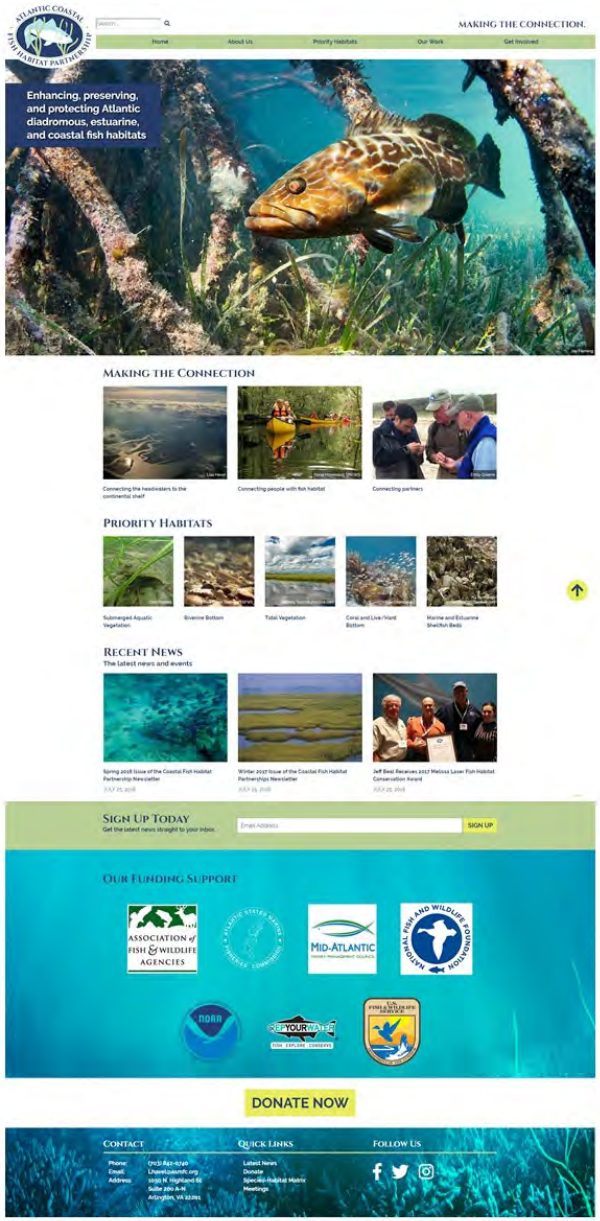
- Pilot project to start a conversation on identifying places for protection or restoration.
- Does not contain all metrics (e.g. fishing grounds) so urge caution when applying it for protection.
- Final report coming soon
- Beginning NE mapping

Southeast Mapping

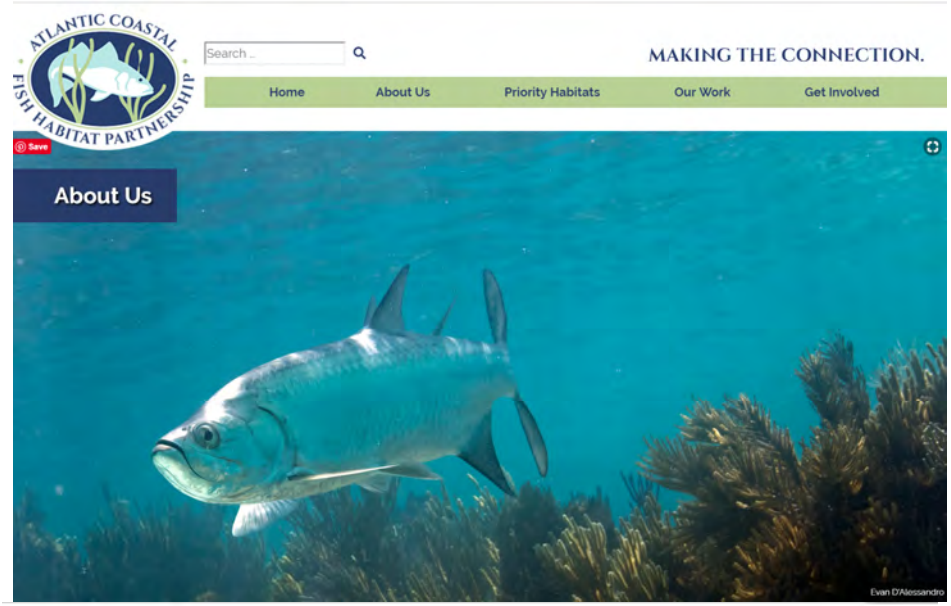
- Maps online (Databasin)



New ACFHP Website



New ACFHP Website



About Us

The Atlantic Coastal Fish Habitat Partnership (ACFHP) is a coastwide partnership of fish habitat resource managers, scientists, and communications professionals from 33 different state, federal, tribal and non-governmental agencies who have established a commitment to work together for the benefit of aquatic resources.

ACFHP Priority Habitats By Subregion

North Atlantic
- Riverine Bottom
- Submerged Aquatic Vegetation
- Marine and Esuarine Shellfish Beds

South Atlantic
- Riverine Bottom
- Submerged Aquatic Vegetation
- Marine and Esuarine Shellfish Beds
- Tidal Vegetation

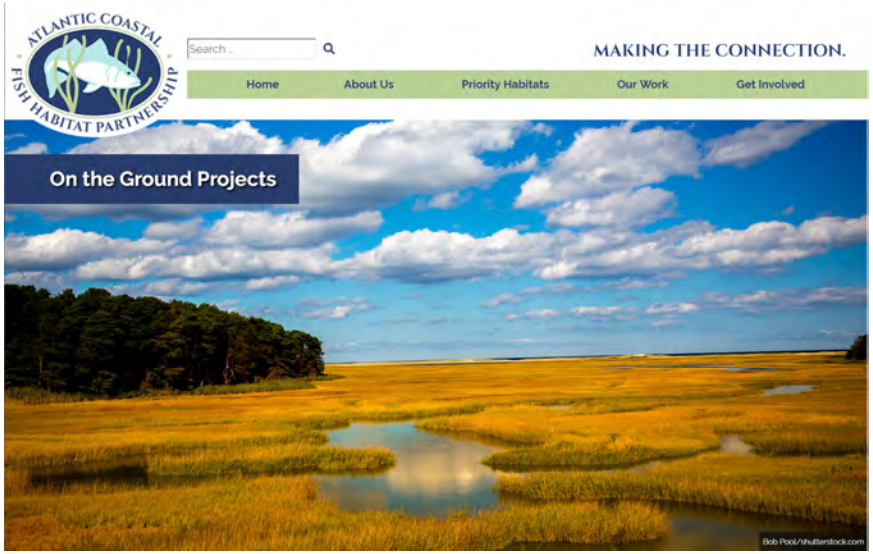
Mid-Atlantic
- Riverine Bottom
- Submerged Aquatic Vegetation
- Marine and Esuarine Shellfish Beds
- Tidal Vegetation

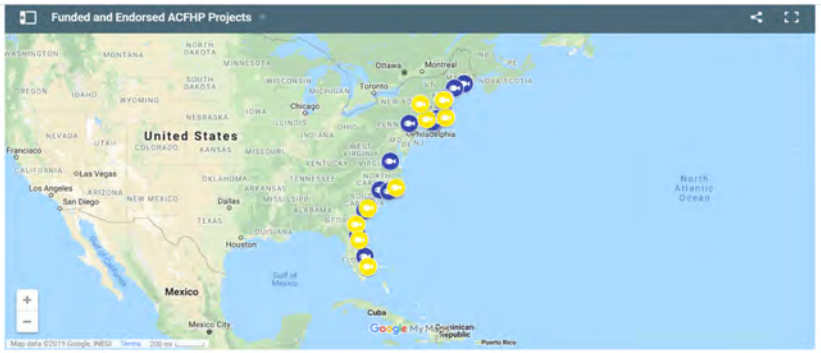
South Florida
- Submerged Aquatic Vegetation
- Coral and Live/Hardbottom
- Tidal Vegetation (mangrove)

Mission and Vision
The ACFHP Region
Our Team
Guidance Documents
The National Fish Habitat Partnership

New ACFHP Website

New ACFHP Website

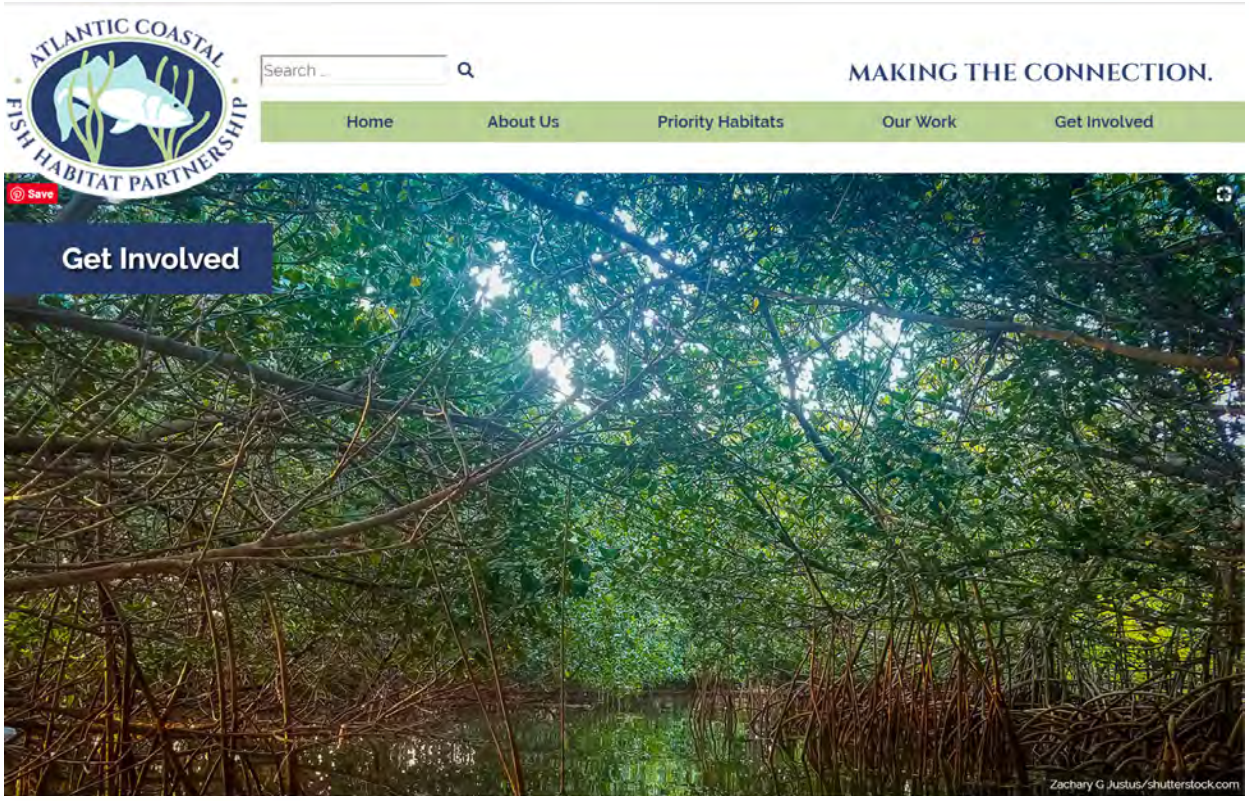




Partners We've Funded

- The Nature Conservancy
- NY Department of Environmental Conservation
- East Carolina University
- Atlantic Salmon Federation
- North Carolina Coastal Federation
- Town of Surry, Maine
- Cape Fear River Watch
- University of North Florida
- Cornell Cooperative Extension
- MA Division of Marine Fisheries
- James River Association
- Marine Resources Council
- SC Department of Natural Resources
- Great Works Regional Land Trust

New ACFHP Website



GET INVOLVED

There are a variety of ways to help us achieve our mission. If you're interested in conserving fish habitat along the Atlantic coast, see below for ways you can make a difference!

Meetings
Donate
Stay in Touch
Funding Opportunities
Project Endorsement
Melissa Laser Fish Habitat Conservation Award
Join Us

Species-Habitat Matrix

Online Query Database

Search ...

MAKING THE CONNECTION.

Home | About Us | Priority Habitats | Our Work | Get Involved

SPECIES-HABITAT MATRIX

The Species-Habitat Matrix is a conservation planning tool to evaluate the relative importance of various coastal, estuarine, and freshwater habitats in terms of their value to a number of selected fish and invertebrate species. Specifically, the Matrix evaluates the importance of different habitat types as shelter, nursery, feeding, or spawning areas for each species. The goal is to provide an index of habitat value through this one lens.

The Matrix is limited in that it does not consider other important functions, beyond the ones listed above, of habitat that also benefit species. Filtering water, processing nutrients, securing sediments, maintaining dissolved oxygen levels, and other ecosystem functions are critical for fishes and invertebrates, but are not considered in the analysis in order to keep the matrix and analyses simple and manageable.

Please refer to the Species-Habitat Matrix Report for important information on how the data were gathered, how to interpret results, and qualifiers and exclusions.

DOWNLOAD RESULTS TO CSV | DOWNLOAD ALL TO CSV

Species	Region	Habitat Category	Habitat Type	Life Stage	Rank	Numeric Rank
Alewife	Mid Atlantic	Coastal Inert Substrates	Firm Hard Bottom (boulders to embed	Juvenile & Young-of-Year	Medium	2.00
Alewife	Mid Atlantic	Coastal Inert Substrates	Firm Hard Bottom (boulders to embed	Spawning Adult	Medium	2.00
Alewife	Mid Atlantic	Coastal Inert Substrates	Loose Coarse Bottom (gravel to cobble	Juvenile & Young-of-Year	Medium	2.00
Alewife	Mid Atlantic	Coastal Inert Substrates	Loose Coarse Bottom (gravel to cobble	Spawning Adult	Medium	2.00
Alewife	Mid Atlantic	Coastal Inert Substrates	Loose Fine Bottom (mud, silt, and sand	Juvenile & Young-of-Year	Low	1.00
Alewife	Mid Atlantic	Coastal Inert Substrates	Loose Fine Bottom (mud, silt, and sand	Spawning Adult	Low	1.00
Alewife	Mid Atlantic	Coastal Inert Substrates	Structured Sand (shoals, capes, offshor	Juvenile & Young-of-Year	Medium	2.00
Alewife	Mid Atlantic	Riverine	Coastal Headwater Pond	Egg & Larva	High	3.50
Alewife	Mid Atlantic	Riverine	Coastal Headwater Pond	Juvenile & Young-of-Year	Medium	2.00
Alewife	Mid Atlantic	Riverine	Coastal Headwater Pond	Spawning Adult	High	3.50
Alewife	Mid Atlantic	Riverine	Low Gradient Coastal Stream	Egg & Larva	High	3.50
Alewife	Mid Atlantic	Riverine	Low Gradient Coastal Stream	Juvenile & Young-of-Year	Low	1.00
Alewife	Mid Atlantic	Riverine	Low Gradient Coastal Stream	Spawning Adult	High	3.50
Alewife	Mid Atlantic	Riverine	Moderate Gradient Large Mainstem Riv	Egg & Larva	Low	1.00
Alewife	Mid Atlantic	Riverine	Moderate Gradient Large Mainstem Riv	Juvenile & Young-of-Year	Low	1.00

Species-Habitat Matrix

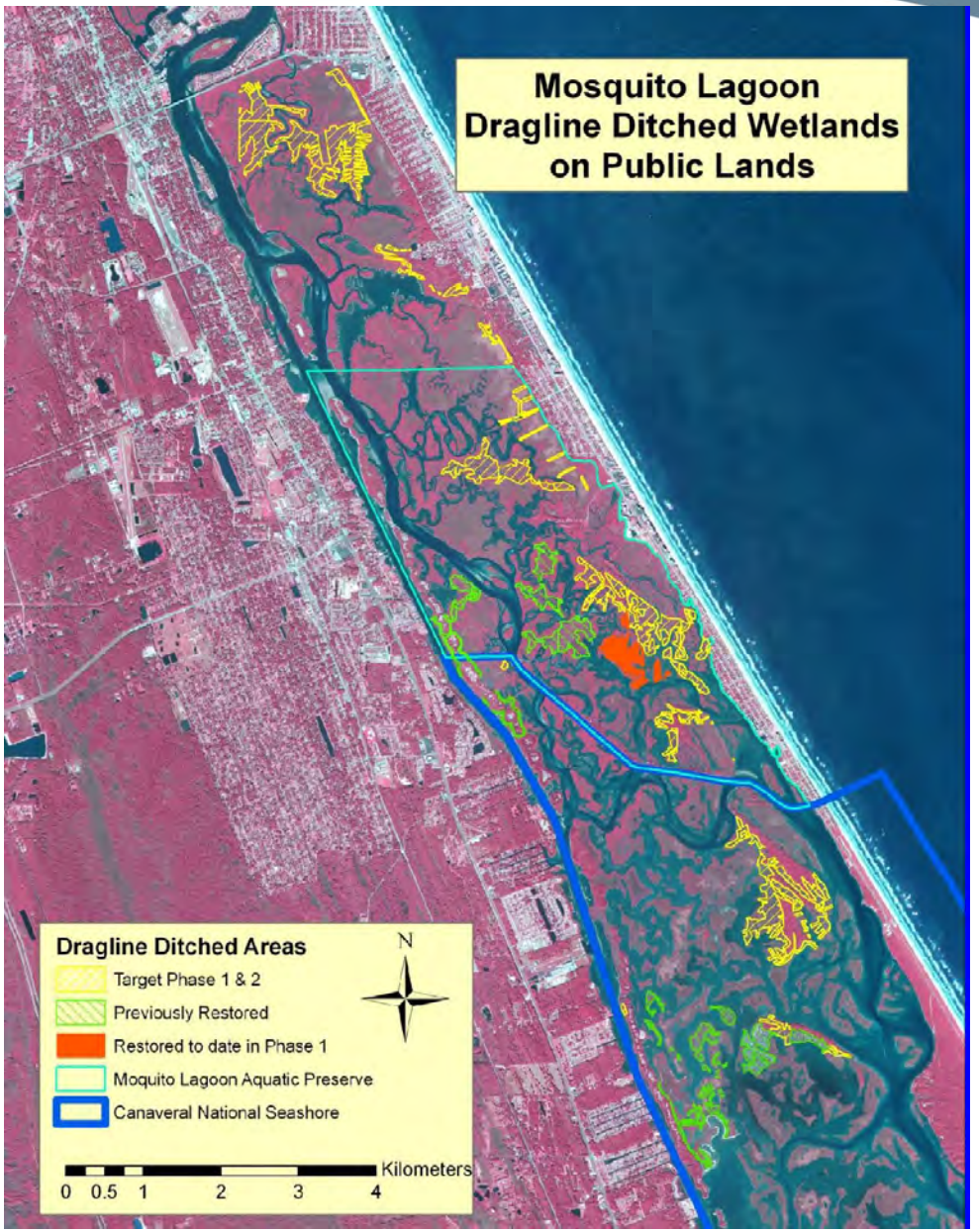
Online Query Database

Species	Region	Habitat Category	Habitat Type	Life Stage	Rank	Numeric Rank
	× South Atlantic × South Florida	× Submerged Aquatic Vegetation		× Egg & Larva × Juvenile & Young-of-Year		
American Eel	South Atlantic	Submerged Aquatic Vegetation	Mesohaline & Polyhaline Species	Juvenile & Young-of-Year	Medium	2.00
American Eel	South Atlantic	Submerged Aquatic Vegetation	Tidal Fresh & Oligohaline Species	Juvenile & Young-of-Year	Medium	2.00
American Shad	South Atlantic	Submerged Aquatic Vegetation	Mesohaline & Polyhaline Species	Juvenile & Young-of-Year	Medium	2.00
American Shad	South Atlantic	Submerged Aquatic Vegetation	Tidal Fresh & Oligohaline Species	Juvenile & Young-of-Year	High	3.50
Atlantic Croaker	South Atlantic	Submerged Aquatic Vegetation	Mesohaline & Polyhaline Species	Juvenile & Young-of-Year	Medium	2.00
Atlantic Croaker	South Atlantic	Submerged Aquatic Vegetation	Tidal Fresh & Oligohaline Species	Juvenile & Young-of-Year	Medium	2.00
Atlantic Menhaden	South Atlantic	Submerged Aquatic Vegetation	Mesohaline & Polyhaline Species	Egg & Larva	Low	1.00
Atlantic Menhaden	South Atlantic	Submerged Aquatic Vegetation	Mesohaline & Polyhaline Species	Juvenile & Young-of-Year	Low	1.00
Atlantic Menhaden	South Atlantic	Submerged Aquatic Vegetation	Tidal Fresh & Oligohaline Species	Egg & Larva	Low	1.00
Atlantic Menhaden	South Atlantic	Submerged Aquatic Vegetation	Tidal Fresh & Oligohaline Species	Juvenile & Young-of-Year	Low	1.00
Atlantic Sharpnose Shark	South Atlantic	Submerged Aquatic Vegetation	Mesohaline & Polyhaline Species	Juvenile & Young-of-Year	Low	1.00
Atlantic Sharpnose Shark	South Atlantic	Submerged Aquatic Vegetation	Tidal Fresh & Oligohaline Species	Juvenile & Young-of-Year	Low	1.00
Atlantic Silverside	South Atlantic	Submerged Aquatic Vegetation	Mesohaline & Polyhaline Species	Egg & Larva	High	3.50
Atlantic Silverside	South Atlantic	Submerged Aquatic Vegetation	Mesohaline & Polyhaline Species	Juvenile & Young-of-Year	Medium	2.00

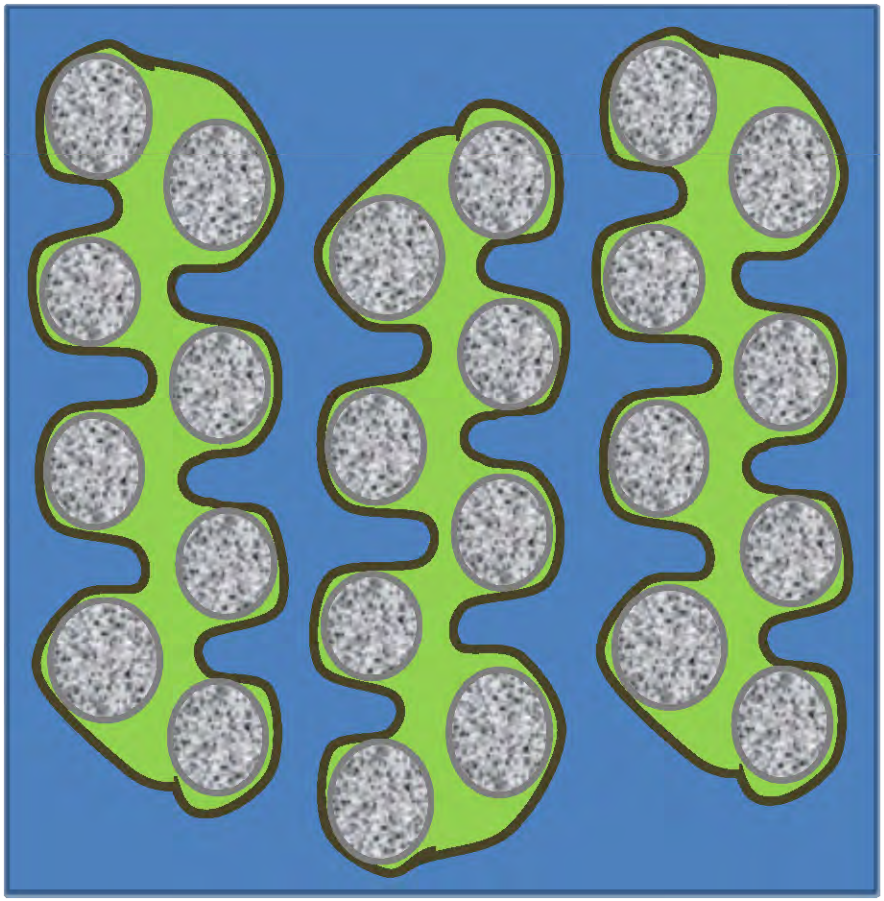
Project Endorsement

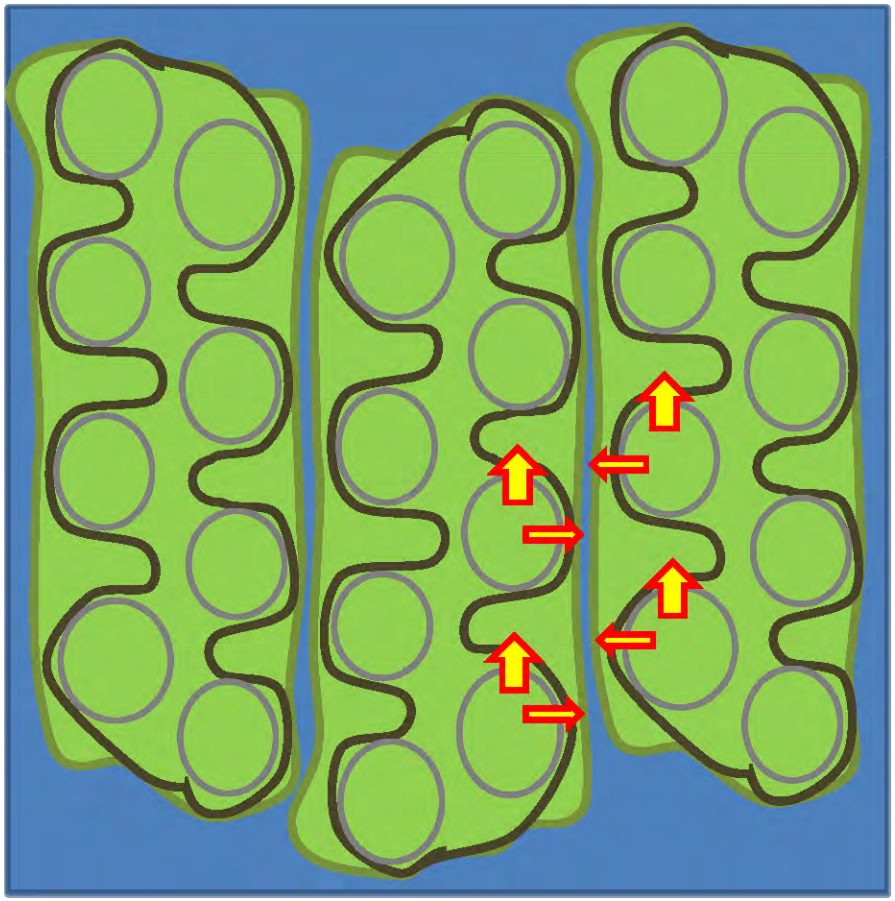
Dragline Ditch Restoration

- ~625 acres addressed
- 250 new acres
- 50 lbs of fish/acre/yr
- 31,250 lbs/yr



Project Endorsement





Project Endorsement

Project Endorsement

Project Endorsement

Project Endorsement

ACFHP would like to thank ASMFC for your continued operational support

ASMFC Habitat Committee Aquaculture Survey in Near Future

Questions?

Atlantic Herring
2019 Specifications

Overview

- 2018 Stock Assessment showed concerning signs for the Atlantic herring resource
- In August 2018, NOAA Fisheries made an in-season adjustment to reduce the risk of overfishing
- NEFMC was scheduled to develop 2019-2021 specs but due to timing, 2019 was separated out from 2020-2021
- 2019 specs filed this morning

	2018 In-Season Adjustment	2019 NEFMC Recommended	2019 Proposed Rule-Making	2019 Specs
OFL	111,000	30,688	30,688	30,668
ABC	110,000	21,266	30,688	21,266
ACL	49,900	15,065	24,488	15,065
Area 1A	27,743	4,354	7,077	4,354
Area 1B	2,639	647	1,053	647
Area 2	8,200	4,188	6,808	4,188
Area 3	11,318	5,876	9,550	5,876
FGSA	295	39	64	39
RSA	3%	3%	3%	3%