



SOUTH ATLANTIC FISHERY MANAGEMENT COUNCIL

Fishery Ecosystem Plan (FEP) II Two Year Roadmap

Habitat and Ecosystem Advisory Panel

April 15, 2021

Roger Pugliese



....To Conserve and Manage

Accomplishments and Needs- Developing 2021-2022 Priorities

The Habitat Protection and Ecosystem Based Management Advisory Panel has been providing input on Council, State, NOAA and regional partner activities conducted which address Actions in the Two Year Roadmap.

Charge - Discuss and provide input on and priorities for actions to be accomplished for 2021 and 2022 clarifying if some actions are beyond our control or ability.



Chapter 1. South Atlantic Food Webs and Connectivity

POLICY CONSIDERATIONS FOR SOUTH ATLANTIC FOOD WEBS AND CONNECTIVITY AND ESSENTIAL FISH HABITATS

Forage Fisheries

Develop Food Web Indicators

Food Web Connectivity

Trophic Pathways



Chapter 2. South Atlantic Climate Variability and Fisheries

POLICY CONSIDERATIONS FOR SOUTH ATLANTIC CLIMATE VARIABILITY AND FISHERIES AND ESSENTIAL FISH HABITATS

Species Distribution (shift/expansion)

Climate indicators

Effects of climate variability – integration into habitat and stock assessment



Chapter 3. Marine Aquaculture

POLICY CONSIDERATIONS FOR THE INTERACTIONS BETWEEN ESSENTIAL FISH HABITATS AND MARINE AQUACULTURE

Suitability of potential aquaculture sites



Chapter 4. Submerged Aquatic Vegetation (SAV)

SAFMC POLICY FOR PROTECTION AND ENHANCEMENT OF ESTUARINE AND MARINE SUBMERGED AQUATIC VEGETATION (SAV) HABITAT

Mapping and monitoring of SAV



Chapter 5. Beach Dredging/Re-nourishment and Large Scale Coastal Engineering

POLICIES FOR THE PROTECTION AND RESTORATION OF ESSENTIAL FISH HABITATS FROM BEACH DREDGING AND FILLING, BEACH RENOURISHMENT, AND LARGE-SCALE COASTAL ENGINEERING

Comprehensive environmental document preparation

Fill material and sediment characteristics

Dredging characteristics

Reducing impact



Chapter 6. Energy Exploration and Development

POLICY FOR THE PROTECTION AND RESTORATION OF ESSENTIAL FISH HABITATS FROM ENERGY EXPLORATION AND DEVELOPMENT ACTIVITIES

Avoid, minimize and offset damage

Avoid allowable fishing areas and deepwater CHAPCs

Compliance with transportation standards

Support EFH Consultation

Habitat mapping and characterization



Chapter 7. Alterations to Riverine, Estuarine, and Nearshore Flows

POLICIES FOR THE PROTECTION AND RESTORATION OF ESSENTIAL FISH HABITATS FROM ALTERATIONS TO RIVERINE, ESTUARINE, AND NEARSHORE FLOWS

Avoid, minimize and offset damage

Project requirements

Maintain natural flow regime



Chapter 8. Non-Native and Invasive Species

POLICIES FOR THE PROTECTION OF SOUTH ATLANTIC MARINE AND ESTUARINE ECOSYSTEMS FROM NON-NATIVE AND INVASIVE SPECIES

Development of novel gears and compliance

Placement cleaning requirements

Promulgate regulations for ballast water and treatment research

Harvest, eradication, and/or removal strategies



Chapter 9. Artificial Reefs

POLICY CONSIDERATIONS FOR DEVELOPMENT OF ARTIFICIAL REEFS IN THE SOUTH ATLANTIC REGION AND PROTECTION OF ESSENTIAL FISH HABITAT

Standardized comparison

Environmentally-safe, long-lasting materials

Mitigation

Long-term, multi-year standardized monitoring



Next steps for FEP II Implementation Plan

Habitat and Ecosystem Advisory Panel Identify List of Priority Actions for
(2021-22) **April 2021**

Habitat and Ecosystem Committee Reviews Actions for (2021-22) **June 2021**

