



**NOAA
FISHERIES**



Shrimp Futures Project: Current Challenges and Future Scenario Planning

NOAA Fisheries SEFSC and Gulf States Marine Fisheries Commission

Gulf Council August Meeting - August 19, 2024

'Shrimp Futures' Project Objectives

PART 1 - *Supporting the shrimp industry in the present*

- Characterize current state and major challenges
- Build connections with key partners and agencies
- Identify immediate actions/opportunities

PART 2 - *Supporting the shrimp industry into the future*

- Develop a 2050 vision for the industry
- Identify strategies to support a resilient industry
- Create action items that are robust to uncertainty

Project Actions - PART 1

Stakeholder analysis:

- Identify all the different players in the shrimp industry, their roles and interests, and how they are related
- Identify the resources/activities the different players indicate they can contribute.
- Process will involve extensive stakeholder outreach and consultations.

Identified groups to help with this effort:

- Southern Shrimp Alliance
- Louisiana Shrimp Association
- Vietnamese Shrimpers Association
- American Shrimp Processors Association
- Sea Grant
- State agencies
- Gulf of Mexico Alliance
- NOAA port samplers, gear research team
- NOAA Office of International Affairs, Trade, & Commerce (IATC)
- others?

Project Actions - PART 1

Economic analysis:

- Compile information into snapshot report assessing current economic conditions, trends, and threats in the SE shrimp fisheries, including landings and revenue, prices and costs, technical and economic performance, and price drivers (imports).
- Pursue possible shrimp fishery insurance options (partnering with USDA)

Possible Elements:

- Fill data gap by collecting economic data from non-federal shrimp fishery
- Research on supply chains from harvest/imports to consumers with focus on shrimp product differentiation, margins, and timing
- Case studies of succeeding businesses/approaches
- Consumer preference study
- Regional impact modelling

Project Actions - PART 1

Supporting resilience strategies:

- Compile a list of opportunities (grants, programs, etc.)
- Goal is to have all opportunities, POCs, and eligibility information in a centralized location that is regularly updated

Some identified resources to-date:

- **NOAA Sustainable seafood website:**
<https://www.fisheries.noaa.gov/topic/sustainable-seafood/seafood-industry>
- **SeaGrant seafood resources website:**
<https://seagrant.noaa.gov/communities/seafood-resources/>
- **USDA general resources (some of which are applicable to the seafood sector):**
<https://www.usda.gov/topics>
- **FishNews - subscribe for the newsletter**
<https://public.govdelivery.com/accounts/USNOAAFI/SERIES/subscriber/new>

Project Actions - PART 2

- 1. Conceptual modeling:** Collaboratively develop a conceptual model encompassing economic, social, biophysical, and regulatory factors impacting the Southeastern US shrimp fishery. This model will serve as the foundation for subsequent discussions.
- 2. Vision Identification:** Develop visions for the industry, specifying key conceptual management objectives.
- 3. Uncertainty Analysis:** Identify the critical factors influencing the fishery, and develop a list of related critical uncertainties that will shape the future.
- 4. Scenario Planning:** Develop long-term scenarios for the shrimp fishery taking into account identified uncertainties. Identify actions that are robust to each scenario.

Process / Timeline

Summer/Fall 2024

- Consult with stakeholder groups & agencies, complete stakeholder analysis
- Economic analysis
- Create a shrimp futures website
- Begin compiling opportunities and resources

Next steps

- Identify locations for scenario planning workshops and identify participants
- Schedule workshops and engage in scenario modeling exercises

End goal

- Provide support for the industry in the near-term
- Collaboratively develop a resilience plan for the future