



# SEDAR

## *SouthEast Data, Assessment, and Review*

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### **SEDAR South Atlantic Shrimp Data Evaluation Workshop**

#### **Terms of Reference**

1. Create an inventory of the available Penaeid shrimp data in the South Atlantic and Gulf of Mexico. Inventory should include biological, landings, effort, survey, and relevant environmental data. All datasets should provide metadata including variable descriptions, geographic coverage, time series, timeliness, and point of contact. (NOTE: This ToR will be addressed prior to the workshop, so the information is available to address the other ToRs during the workshop.)
2. Review potential shrimp stock assessment approaches and data requirements for identified approaches including consideration of the effects of environmental conditions on shrimp populations and assessment efforts.
3. Review shrimp fishery bycatch estimation methods and data requirements for identified methods.
4. Evaluate strengths and weaknesses of the available datasets for potential use in shrimp stock assessments. Consider both what is feasible given available data as well as additional data necessary to apply preferred approaches.
5. Evaluate strengths and weaknesses of the available datasets for potential use in shrimp fishery bycatch estimation methods. Consider both what is feasible given available data as well as additional data necessary to apply preferred approaches.
6. Identify data gaps and provide recommendations for future shrimp research, monitoring and data collection efforts.
7. Provide best practice recommendations for estimating finfish bycatch by the South Atlantic shrimp fishery, and for estimating population and management parameters of South Atlantic shrimp resources.

