



# SEDAR

## *SouthEast Data, Assessment, and Review*

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### **SEDAR Update Assessment**

#### **Gulf of Mexico Cobia**

#### **Terms of Reference**

1. Update the approved SEDAR 28 Gulf of Mexico cobia base model with data through 2018.
2. Document any changes or corrections made to model and input datasets and provide updated input data tables. Provide commercial and recreational landings and discards in pounds and numbers.
3. Update model parameter estimates and their variances, model uncertainties, estimates of stock status and management benchmarks, and provide the probability of overfishing occurring at specified future harvest and exploitation levels.
4. To the extent practical, provide recommendations of future research to be conducted on Gulf of Mexico migratory group cobia, and any additional analyses which should be considered during the subsequent stock assessment.
5. Develop a stock assessment update report to address these TORS and fully document the input data and results of the stock assessment update.

