



# SEDAR

## *SouthEast Data, Assessment, and Review*

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### **SEDAR 76 Black Sea Bass Operational Assessment Terms of Reference**

1. Update the South Atlantic Black Sea Bass SEDAR 56 assessment from a terminal year of 2015 with data through 2020. Provide a model consistent with the previous assessment configuration and revised models as necessary to incorporate and evaluate any changes allowed for this update. Apply the current BAM configuration incorporating approved improvements developed since SEDAR 56.
2. Evaluate and document the following specific changes in input data or deviations from the benchmark model.
  - Include any newly available information on steepness for similar species.
  - Include any new and updated information on discard mortality and life history.
  - Calculate different F metrics (in addition to apical F) (to address shifts in the age of apical F towards the end of the assessment time series).
  - Consider sensitivity analyses to address SSC concerns with selectivity differences between Chevron traps and cameras used to create the CVID index addressed at the selectivity workshop .
3. 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.
4. 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.
5. Convene a working group including SSC representatives to meet via webinar, as needed to review model development relative to terms of reference 1 through 4
6. Develop a stock assessment report to address these TORs and fully document the input data, methods, and results.

