

SIOFA Stock and Ecological Risk Assessment Working Group (SERAWG)

Terms of Reference

Co-Chairs: Australia (ERA part) and Japan (SA part) to continue same workload. AUS to chair SERAWG meeting

Objectives

Paragraph 6a of CMM 2016/01 actions the SIOFA Scientific Committee to provide advice and recommendations to the Meeting of the Parties on the status of stocks of principal deep-sea fishery resources targeted, and, to the extent possible, taken as bycatch and caught incidentally in these deep-sea fisheries, including straddling fishery resources by 2019.

The key objective for this group will be to provide guidance and support in the development and execution of stock assessments and ecological risk assessments or species with which SIOFA fisheries interact. The Terms of Reference are focused on the practical aspects of progressing work related to stock assessments in SIOFA.

Under these Terms of Reference, participants will commit to involvement in the process. All 'rules' of the SERAWG will be consistent with the SC Terms of Reference, and so are not included here.

Terms of Reference

1. The SERAWG is tasked with developing a research and review plan for implementation of stock assessments and ecological risk assessments (and related processes) for progressing the objectives of the SIOFA SC and Meeting of the Parties.
2. To facilitate efficiency, the SERAWG will consider assessments in the context of the SIOFA tiered assessment framework (Annex J, SC3 report)
3. To facilitate timely development of stock assessments and ecological risk assessments, and while the SIOFA database is still under development, Contracting Parties agree to provide the necessary and available data to the working group within two months of a request, noting that appropriate data confidentiality protocols (as per CMM 2016/03 and domestic data and privacy policies) will apply.
4. The requesting party will need to confer with the data custodian to ensure the appropriate data confidentiality agreements and other relevant processes are followed.

Indicative workplan

Stock assessment workplan

| Time line of Alfonsino stock assessments (SA) (SIOFA SAWG) | | | | | | | | | | | | | | |
|--|---------------------------------|--|------|---|---|---|---|---|----|----|----|------|---|---|
| Activities | | Responsibility | 2018 | | | | | | | | | 2019 | | |
| | | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 |
| Data | Data Inventory | SAWG Chair with Parties + Data manager | | | | | | | | | | | | |
| | Data submission | Parties and Secretariat | | | | | | | | | | | | |
| | Database | Secretariat | | | | | | | | | | | | |
| | Acoustic data preparations (*) | SAWG Chair with Parties | | | | | | | | | | | | |
| Analyses | Scoping analyses | SAWG Chair with Parties | | | | | | | | | | | | |
| | Decision on assessment approach | SAWG Chair with Parties + Consultant (if required) (*) | | | | | | | | | | | | |
| | Appointment of consultant/s | SAWG Chair + Secretariat | | | | | | | | | | | | |
| | Assessment analyses | Consultant and/or SAWG members | | | | | | | | | | | | |
| SAWG02 | | SAWG Chair with Parties + Secretariat | | | | | | | | | | | | |

(*) TS vs length relationship and acoustic data process (QC)

| Time line of Patagonian toothfish stock assessments (SA) (SIOFA SAWG) | | | | | | | | | | | | | | |
|---|---|---|------|---|---|---|---|---|----|----|----|------|---|---|
| Activities | | Responsibility | 2018 | | | | | | | | | 2019 | | |
| | | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 |
| by CCAMLR | Discussion on collaborative approach with CCAMLR, relevant states | SAWG Chair/Nominated Parties (TBC) | | | | | | | | | | | | |
| within SIOFA | Data Inventory + scoping analyses | SAWG Chair with Parties + Data manager | | | | | | | | | | | | |
| | Data submission | Parties and Secretariat | | | | | | | | | | | | |
| | Database | Secretariat | | | | | | | | | | | | |
| | Decision on assessment approach | SAWG Chair with Parties + collaborators | | | | | | | | | | | | |
| | Assessment analysis | SAWG members + collaborators | | | | | | | | | | | | |
| | SAWG02 | SAWG Chair with Parties + Secretariat | | | | | | | | | | | | |

Ecological Risk Assessment Workplan

The following workplan was devised for 2018–19

1. Continue progress on the ecological risk assessment for deepwater chondrichthyans in the SIOFA area
 - a. Refine results based on collaboration with Contracting Parties
 - b. Compile any additional biological and/or effort data that may be available to improve the reliability of the results
 - c. Investigate development of a collaborative SIOFA paper for publication in a peer-reviewed journal
 - d. Provide final results of risk assessment to SC4 (2019)
 - e. Provide relevant advice to the SC and Meeting of the Parties.
2. Extend the PSA and SAFE methods to teleost species with which the fishery interacts
 - a. With the permission of CPs that have provided data for the risk assessment of deepwater chondrichthyans, use available effort data to extend the PSA and SAFE methods to an assessment of teleost species with which SIOFA species interact
 - b. Present results of this work intersessionally and consider advice and recommendations for the SC and MoP.

