
DRAFT: AGENDA FOR THE 14TH WORKING PARTY ON ECOSYSTEMS AND BYCATCH

Updated: 17th August 2018

Date: 10 - 14 September 2018

Location: Cape Town, South Africa

Venue: Protea Hotel, Victoria Junction

Time: 09:00 – 17:00 daily

Chair: Dr Sylvain Bonhommeau (EU, France); **Vice-Chair:** Dr Reza Shahifar (I.R. Iran) & Dr Ross Wanless (South Africa)

1. **OPENING OF THE MEETING** (Chairperson)
2. **ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION** (Chairperson)
 - IOTC–2018–WPEB14–01a: Draft: Agenda for the 14th Working Party on Ecosystems and Bycatch
 - IOTC–2018–WPEB14–01b: Draft: Annotated agenda for the 14th Working Party on Ecosystems and Bycatch
 - IOTC–2018–WPEB14–02: Draft: List of documents for the 14th Working Party on Ecosystems and Bycatch
3. **THE IOTC PROCESS: OUTCOMES, UPDATES AND PROGRESS**
 - 3.1 Outcomes of the 20th Session of the Scientific Committee (IOTC Secretariat)
 - IOTC–2018–WPEB14–03: Outcomes of the 20th Session of the Scientific Committee
 - 3.2 Outcomes of the 22st Session of the Commission (IOTC Secretariat)
 - IOTC–2018–WPEB14–04: Outcomes of the 22nd Session of the Commission
 - 3.3 Review of Conservation and Management Measures relevant to Ecosystems and Bycatch (IOTC Secretariat)
 - IOTC–2018–WPEB14–05: Review of current Conservation and Management Measures relevant to ecosystems and bycatch
 - 3.4 Progress on the recommendations of WPEB14 (IOTC Secretariat)
 - IOTC–2018–WPEB14–06: Progress made on the recommendations and requests of WPEB13 and SC20
4. **REVIEW OF DATA AVAILABLE ON ECOSYSTEMS AND BYCATCH**
 - 4.1. Review of the statistical data available for ecosystems and bycatch species (IOTC Secretariat)
 - IOTC–2018–WPEB14–07: Review of the statistical data available for bycatch species
 - IOTC–2018–WPEB14–08: Update on the implementation of the IOTC Regional Observer Scheme
5. **REVIEW OF NATIONAL BYCATCH ISSUES IN IOTC MANAGED FISHERIES AND NATIONAL PLANS OF ACTION** (sharks; seabirds; marine turtles) (CPCs and IOTC Secretariat)
 - 5.1. Review of applications for ‘*not applicable*’ NPOA status (IOTC Secretariat)
 - 5.2. Updated status of development and implementation of National Plans of Action for seabirds and sharks, and the implementation of the FAO guidelines to reduce marine turtle mortality in fishing operations (CPCs).
 - IOTC–2018–WPEB14–09: Status of development and implementation of National Plans of Action for seabirds and sharks, and implementation of the FAO guidelines to reduce marine turtle mortality in fishing operations (IOTC Secretariat)
 - IOTC–2018–WPEB14–11: An update on the National Plan of Action for Sharks, South Africa. (C. da Silva, H. Winker, D. Parker, C. Wilke, S. Lamberth and S. Kerwath.
6. **NEW INFORMATION ON BIOLOGY, ECOLOGY, FISHERIES AND ENVIRONMENTAL DATA RELATING TO ECOSYSTEMS AND BYCATCH SPECIES**

- 6.1. Review new information on environment and ecosystem interactions and modelling, including climate change issues affecting pelagic ecosystems in the IOTC area of responsibility (all)
- IOTC–2018–WPEB14–12: FAD Watch: a collaborative initiative to minimize the impact of FADs in coastal ecosystems (I. Zudaire, J. Santiago, M. Grande, H. Murua, P-A. Adam, M. Herrera)
 - IOTC–2018–WPEB14–13: Comparing the biological characteristics, length structure and capture status of bycatch in the Chinese longline fishery targeting different species in the Indian Ocean (Z. Gheng)
 - IOTC–2018–WPEB14–14: Biological and ecological traits of some bycatch species of the tuna purse seine fishery in the Indian Ocean. (A. Médiou, P. Bach, N. Bodin, P. Cauquil, E. Chassot, N. Rabearisora, P. Sabarros)
 - IOTC–2018–WPEB14–15: Bycatch of the European purse-seine tuna fishery in the Indian Ocean for the 2008-2016 period (J. Ruiz, P. Sabarros, F. Abascal Crespo, P. Bach, José. Baez, P. Cauquil, M. Grande, I. Krug, H. Murua, M. Ramos, A. Tirant.
 - IOTC–2018–WPEB14–16: Bycatch landings in Phuket ports by foreign vessel 2017. (K. Maeroh, S. Hoimuk and N. Somkliang)
 - IOTC–2018–WPEB14–17: Iran tuna fisheries by-catch in IOTC competence of area in 2016 (R. Shahifar)
 - IOTC–2018–WPEB14–18: Improving the sampling protocol of electronic and human observations of tropical tuna purse seiner discards (K. Briand, P. Sabarros, A. Maufroy, A. Relot-Stirnemann, S.Lecouls, M. Goujon, P.Bach)
 - IOTC–2018–WPEB14–19: SIOTI Support for Improving Information on Bycatch for Management of the Indian Ocean Purse Seine Tuna Fishery. (C. Shearlock)
- 7. ECOSYSTEM MODELING AND REPORT CARDS** (recommendations from the SC / decisions of the Commission)
- 7.1. Ecosystem Based Fisheries Management (EBFM) approaches and ecosystem report cards results
- IOTC–2018–WPEB14–20: An indicator-based ecosystem report card – an evolving process (M-J. Juan-Jordá, H. Murua and E. Andonegi)
 - IOTC–2018–WPEB14–21: Selecting ecosystem indicators for fisheries targeting highly migratory species. (M-J. Juan-Jordá, H. Murua and consortium members)
- 8. BYCATCH, SPECIES INTERACTIONS, AND ECOSYSTEM RISK ASSESSMENTS**
- 8.1. Review new information on other bycatch and by-product, in terms of biology, ecology, fisheries interactions and bycatch mitigation measures (all)
- IOTC–2018–WPEB14–22: Updated Ecological Risk Assessment for IOTC species. (H. Murua)
 - IOTC–2018–WPEB14–46: Non-target species interactions in tuna fisheries and its implications in fisheries management: Case of large-mesh gillnet fisheries along the north-west coast of India (Koya MK, Rohit P, Vase VK, Azeez AP)
- 8.2. Seabirds
- Review new information on seabird biology, ecology, fisheries interactions and bycatch mitigation measures (all);
 - IOTC–2018–WPEB14–23: Retrospective and geographical overview of the interaction between seabirds and the Spanish surface longline fishery targeting Swordfish in the Indian Ocean during the 1993-2017 period inferred from data provided by scientific observers at sea. (J. Fernández-Costa, A. Ramos-Cartelle, A. Carroceda and J. Mejuto).
 - IOTC–2018–WPEB14–24: Preliminary assessment of the risk of albatrosses by longline fisheries (D. Ochi, E. Abraham, Y. Inoue, K. Oshima, N. Walker, Y. and S. Tsuji)
 - IOTC–2018–WPEB14–25: Update on the seabird component of the Common Oceans (ABNJ) tuna project – seabird bycatch assessment workshop (BirdLife Int)
 - IOTC-2018-WPEB14-43: Transshipment observers – a tool for understanding seabird bycatch mitigation measures use on high seas tuna longline vessels (P. Augustyn and R. Wanless)

- IOTC-2018-WPEB14-45 Preliminary estimates of seabird bycatch from tuna longline fisheries for the southern Atlantic and southwestern Indian Oceans, based on three different methods (H. Winker, R. Sant'Ana, S. Kerwath, D. Parker, J. Rice, R. Sharma, D. Kim, S. Lee).
 - Review of mitigation measures in Resolution 12/06 (all);
 - IOTC–2018–WPEB14–26: ACAP advice for reducing the impact of pelagic longline fishing operations on seabirds. (A. Wolfaardt)
 - Development of management advice on the status of seabird species (all).
- 8.3. Sharks and rays (all)
- Review new information on shark and ray biology, stock structure, bycatch mitigation measures, fisheries and associated environmental data (all);
 - IOTC–2018–WPEB14–27: A progress report on the implementation of the IOTC bigeye thresher shark post-release mortality study project (IOTC BTH PRM Project) (IOTC BTH PRM Project Team)
 - IOTC–2018–WPEB14–28: Preliminary assessment of shark bycatch from Kenya's nascent industrial tuna fisheries (B. Kiilu and S. Ndegwa).
 - IOTC–2018–WPEB14–29: A perspective on the Mobulid Rays interactions with surface fisheries in the Indian Ocean (J.Kiszka, U.Shahid)
 - IOTC–2018–WPEB14–30: Unprecedented decline in the catches of mobulids: an important component of tuna gillnet fisheries of the Northern Arabian Sea. (M. Moazzam)
 - IOTC-2018-WPEB14-43: Reviewing effectiveness of management measures on shark landings in Sri Lanka over past five years (D. Balawardhana, K. Dalpathaduand S. Haputhantri)
 - Review of new information on the status of sharks (all);
 - IOTC–2018–WPEB14–31: Abundance indices of silky shark (*Carcharhinus falciformis*) caught by the Indonesian longline fleet in the eastern Indian Ocean (I. Jatmiko, B. Setyadji, Z. Fahmi and F. Rochman)
 - IOTC–2018–WPEB14–32: Can we Derive an Abundance Index for the Silky Shark Based on its Associative Behavior with Floating Objects? (A. Diallo, M. Travassos Tolotti, P. Sabarros, L. Dagorn and M. Capello)
 - IOTC–2018–WPEB14–33: A Preliminary Stock Assessment for the Silky Shark in the Indian Ocean Using a Data-Limited Approach (J. Ortiz de Urbina, T. Brunel, R. Coelho, G. Merino, D. Rosa, C. Santos, H. Murua, P. Bach, S. Saber, D. Macias)
 - IOTC–2018–WPEB14–34: Standardized CPUE and historical catch estimate of blue shark by Taiwanese large-scale tuna longline fishery in the Indian Ocean (T.Wen-Pei)
 - IOTC–2018–WPEB14–35: Exploring the use of Length Based Indicators for Blue Shark in the Indian Ocean (N. Walker, J. Ellis, R. Coelho, H. Murua, D. Rosa)
 - IOTC–2018–WPEB14–36: Preliminary Management Strategy Evaluation for Blue Shark in the Indian Ocean Using A Data-Limited Approach (J. Ortiz de Urbina, T. Carruthers, R. Coelho, D. Rosa, H. Murua, S. Saber, D. Macias)
 - IOTC–2018–WPEB14–37: A Preliminary Stock Assessment for the Shortfin Mako Shark in the Indian Ocean Using Data-Limited Approaches (T. Brunel, R. Coelho, G. Merino, J. Ortiz de Urbina, D. Rosa, C. Santos, H. Murua, P. Bach, S. Saber, D. Macias)
 - IOTC–2018–WPEB14–38: Progress report of the post release mortality of the oceanic white tip shark (POREMO project) discarded by EU purse seine and pelagic longline fisheries (P. Bach, P. Sabarros, R. Coelho, H. Murua, I. Krug, E. Romanov)
 - IOTC–2018–WPEB14–39: Status of mobulid rays in Sri Lanka (D. Fernando)
 - Development of management advice on the status of shark stocks and update of other shark species Executive Summaries for the consideration of the Scientific Committee (all).
- 8.4. Marine turtles (all)
- Review new information on marine turtle biology, ecology, fisheries interactions and bycatch mitigation measures (all);

- IOTC–2018–WPEB14–40: Assessment of the vulnerability of sea turtles to IOTC tuna fisheries. (A. Williams)
 - Review of mitigation measures in Resolution 12/04 (all);
 - Development of management advice on the status of marine turtle species and update of the Executive Summary for the consideration of the Scientific Committee (all).

8.5. Marine mammals (all)

- Review new information on marine mammal biology, ecology, fisheries interactions and bycatch mitigation measures (all);
- IOTC–2018–WPEB14–41: Assessing the magnitude of cetacean bycatch in tuna drift gillnet fisheries in the Arabian Sea: effectiveness of surface gillnets in reducing captures (J. Kizka)
 - Development of management advice on the status of marine mammal species (all).

9. ECOLOGICALLY OR BIOLOGICALLY SIGNIFICANT MARINE AREAS (EBSAs) IN THE INDIAN OCEAN

- IOTC–2018–WPEB14–42: Ecologically or biologically significant marine areas (EBSAs) in the Indian Ocean (Secretariat)

10. WPEB PROGRAM OF WORK

10.1. Revision of the WPEB Program of Work 2019–2023 (Chairperson and IOTC Secretariat)

- IOTC–2018–WPEB14–10: Revision of the WPEB Program of Work (2019–2023)

10.2. Development of priorities for an Invited Expert/s at the next Working Party on Ecosystems and Bycatch meeting (Chairperson)

11. OTHER BUSINESS

11.1. Update: Workshop on mitigating sea turtle interactions and mortalities (all)

11.2. Pilot project in view of promoting the regional observer scheme of IOTC (IOTC Secretariat)

11.3. Date and place of the 15th and 16th Sessions of the Working Party on Ecosystems and Bycatch (Chairperson and IOTC Secretariat)

11.4. Review of the draft, and adoption of the Report of the 14th Session of the Working Party on Ecosystems and Bycatch (Chairperson)