
AGENDA FOR THE 17TH WORKING PARTY ON ECOSYSTEMS AND BYCATCH: DATA PREPARATORY MEETING

Last updated: 22 March 2021

Date: 12 - 14 April 2021

Location: Microsoft Teams

Venue: Virtual

Time: 12:00 – 16:00 (Seychelles time)

Chair: Dr Sylvain Bonhommeau (European Union); **Vice-Chairs:** Dr Mariana Tolotti (EU, France)/Mr Mohammed Koya (India)

1. **OPENING OF THE MEETING** (Chair)
 2. **ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION** (Chair)
 - IOTC-2021-WPEB17(DP)-01a: Agenda of the 17th Working Party on Ecosystems and Bycatch (Data Preparatory Meeting)
 - IOTC-2021-WPEB17(DP)-01b: Annotated agenda of the 17th Working Party on Ecosystems and Bycatch (Data Preparatory Meeting)
 - IOTC-2021-WPEB17(DP)-02: List of documents of the 17th Working Party on Ecosystems and Bycatch (Data Preparatory Meeting)
 3. **THE IOTC PROCESS: OUTCOMES, UPDATES AND PROGRESS**
 - 3.1 Outcomes of the 24th Session of the Commission (IOTC Secretariat)
 - IOTC-2021-WPEB17(DP)-03: Outcomes of the 24th Session of the Commission
 4. **REVIEW OF THE DATA AVAILABLE AT THE SECRETARIAT FOR BYCATCH SPECIES** (IOTC Secretariat)
 - IOTC-2021-WPEB17(DP)-04: Review of the statistical data and fishery trends for ecosystems and bycatch species (IOTC Secretariat)
 5. **NEW INFORMATION ON BIOLOGY, ECOLOGY, FISHERIES AND ENVIRONMENTAL DATA RELATING TO BLUE SHARKS** (Chair)
 - 5.1. Review new information on the biology, stock structure, their fisheries and associated environmental data for Blue sharks:
 - Catch and effort
 - Observer data
 - Catch at size
 - Catch at age
 - Biological indicators, including age-growth curves and age-length keys
 - IOTC-2021-WPEB17(DP)-16: Size, sex and reproductive biology of seven pelagic sharks in the eastern Arabian Sea (Varghese S, Unnikrishnan N, Gulati D and Ayooob A)
 6. **REVIEW OF NEW INFORMATION ON THE STATUS OF BLUE SHARKS** (Chair)
 - 6.1. Review of fishery dynamics by fleet (CPCs)
 - IOTC-2021-WPEB17(DP)-05: Update of Japanese annual catches of pelagic sharks between 1964 and 1993 by changing the species composition (Kai M)
 - 6.2. Nominal and standardised CPUE indices
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- IOTC-2021-WPEB17(DP)-06: Updated on the CPUE standardization of the blue shark caught by the Indonesian longline fishery in the eastern Indian Ocean (Wujdi A, Setyadji B, Fahmi Z)
- IOTC-2021-WPEB17(DP)-07: Updated standardized catch rates for blue shark caught by the Taiwanese large-scale tuna longline fishery in the Indian Ocean (Wu XH and Tsai WP)
- IOTC-2021-WPEB17(DP)-08: Updated standardized CPUE of blue shark bycaught by the French Reunion-based pelagic longline fishery (2007-2020) (Sabarros P, Coelho R, Romanov E, Guillon N, Bach P)
- IOTC-2021-WPEB17(DP)-09: Updated Standardized Catch Rates in Biomass for the Blue Shark (*Prionace glauca*) Caught by the Spanish Surface Longline Fleet in the Indian Ocean During the 2001-2019 Period (Fernández-Costa J, Ramos-Cartelle A and Mejuto J)
- IOTC-2021-WPEB17(DP)-10: Updated Blue shark catches and standardized CPUE for the Portuguese pelagic longline fleet in the Indian Ocean between 1998 and 2019 (Coelho R, Santos C, Rosa D, Lino P)
- IOTC-2021-WPEB17(DP)-11: Available shark assessment data from South Africa: Standardization of blue shark (*Prionace glauca*) observer catch per unit effort data from the IOTC region (da Silva C, Parker D and Kerwath S)

6.3. Other abundance indices

7. BLUE SHARK STOCK ASSESSMENT (Chair)

7.1. Discussion on blue shark assessment models to be developed and their specifications

- IOTC-2021-WPEB17(DP)-12: A review of the data availability, model configuration and catch estimation for the 2017 blue shark (*Prionace glauca*) stock assessment in the Indian Ocean (Rice J)

7.2. Identification of data inputs for the different assessment models and advice framework

8. REVIEW INFORMATION ON BIOLOGY, ECOLOGY, FISHERIES AND ENVIRONMENTAL DATA RELATING TO SILKY SHARKS (Chair)

8.1. Presentation of new information available on silky sharks

- IOTC-2021-WPEB17(DP)-13: New assessment on accidentally captured silky shark post-release survival in the Indian Ocean tuna purse seine fishery (Onandia I, Grande M, Galaz JM, Uranga J, Lezama-Ochoa N, Murua J, Ruiz J, Arregui I, Murua H, Santiago J)
- IOTC-2021-WPEB17(DP)-14: Some Observation on the Silky Shark (*Carcharhinus falciformis*) in the Tuna Gillnet Fisheries of Pakistan (Moazzam M)
- IOTC-2021-WPEB17(DP)-17: Biological aspects of silky shark *Carcharhinus falciformis* in the eastern Arabian Sea (Varghese S, Gulati D, Unnikrishnan N and Ayoob A)

8.2. Review of all data available on silky sharks

8.3. Review of indicators for silky sharks

9. OTHER MATTERS (Chair)

9.1. Collaboration with the IWC

- IOTC-2021-WPEB17(DP)-INF03: Proposed letter of intent between the Indian Ocean Tuna Commission and the International Whaling Commission (Anon)

9.2. Climate Change

- IOTC-2021-WPEB17(DP)-15: Modeling the impacts of climate change on global tuna fisheries to support development and implementation of climate adaptive EAFM plans (Obregon P, Senina I, Bell J, Nicols S, Phillips JS, Lehodey P, Kittinger J)

10. REVIEW OF THE DRAFT, AND ADOPTION OF THE REPORT OF THE 17th SESSION OF THE WORKING PARTY ON ECOSYSTEMS AND BYCATCH (DATA PREPARATORY) (Chair)