

LIST OF DOCUMENTS FOR THE 20TH WORKING PARTY ON ECOSYSTEMS AND BYCATCH

Document	Title
IOTC-2024-WPEB20(AS)-01a	Agenda of the 20th Working Party on Ecosystems and Bycatch
IOTC-2024-WPEB20(AS)-01b	Annotated agenda of the 20th Working Party on Ecosystems and Bycatch Assessment Meeting
IOTC-2024-WPEB20(AS)-02	List of documents of the 20th Working Party on Ecosystems and Bycatch Assessment Meeting
IOTC-2024-WPEB20(AS)-03	Outcomes of the 26 th Session of the Scientific Committee (IOTC Secretariat)
IOTC-2024-WPEB20(AS)-04	Outcomes of the 28 th Session of the Commission (IOTC Secretariat)
IOTC-2024-WPEB20(AS)-05	Review of Conservation and Management Measures relevant to ecosystems and bycatch (IOTC Secretariat)
IOTC-2024-WPEB20(AS)-06	Progress made on the recommendations and requests of WPEB19 and SC26 (IOTC Secretariat)
IOTC-2024-WPEB20(AS)-07_rev2	Review of the statistical data and fishery trends for ecosystems and bycatch species (IOTC Secretariat)
IOTC-2024-WPEB20(AS)-08_rev1	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-2024-WPEB20(AS)-09	Revision of the WPEB Program of Work (2025–2029) (IOTC Secretariat & Chairperson)
IOTC-2024-WPEB20(AS)-10	Stock assessment of the shortfin mako shark in the Indian Ocean (IOTC), using Bayesian surplus production models (JABBA): catch reconstruction, demographic analysis, stock assessment models and projections (R Coelho, D Rosa, B Mourato)
IOTC-2024-WPEB20(AS)-11	Regional observer scheme data on shortfin mako shark CPUE
IOTC-2024-WPEB20(AS)-12	Standardized CPUE of Shortfin Mako Shark (<i>Isurus oxyrinchus</i>) from Indonesian tuna longline fleets in the north-eastern Indian Ocean (D Novianto, B Setyadji, A Widodo, U Chodrijah)

Document	Title
IOTC-2024-WPEB20(AS)-13	Exploring the spatial-temporal dynamics of standardized CPUE for shortfin mako shark (<i>Isurus oxyrinchus</i>) caught by the Taiwanese large-scale tuna longline fishery in the Indian Ocean (H Huynh, W Tsai)
IOTC-2024-WPEB20(AS)-14	Embracing modern methods in fisheries: an encouraging first attempt at using machine learning to monitor catches in the demersal shark longline fishery (C da Silva, N Chapman, M Rio, W West, A Booth, S Lamberth, S Kerwath)
IOTC-2024-WPEB20(AS)-15	Elasmobranchs bycatch in purse seine fishery in the Andaman Sea of Thailand (W Thitipongtrakul, S Hoimuk)
IOTC-2024-WPEB20(AS)-16	Estimation Iran's sharks total catch historical data 1950-2022 (R Shahifar)
IOTC-2024-WPEB20(AS)-17	Estimation of Iranian fishing vessels By-catch in IOTC competence of area in 2023 (H Bargahi)
IOTC-2024-WPEB20(AS)-18	Necessity to review and updating fish taxonomic guidelines in the Northern Indian Ocean (H Ayeshya, D Balawardhana, R Jayasinghe)
IOTC-2024-WPEB20(AS)-19	Preliminary summary report on the leader type used by Japanese longline fleet in the Indian Ocean (Y Semba)
IOTC-2024-WPEB20(AS)-20	Effect of bait and hook types on pelagic shark by-catch and discards of tuna longline fishery in Sri Lanka (D Balawardhana, R Jayasinghe, S Haputhantri, M Ariyaratna)
IOTC-2024-WPEB20(AS)-21	IOTC ROS mitigation measure and shark catches summary (IOTC Secretariat)
IOTC-2024-WPEB20(AS)-22_rev1	Proposal of an online digital ocean atlas for the Indian Ocean and a dedicated IOTC webpage on climate change and its impacts on tuna fisheries (F Marsac, N Gunawardane)
IOTC-2024-WPEB20(AS)-23	Preliminary steps towards assessing the ecosystem impacts of fishing in the tropical Indian Ocean through a trophic modelling approach (R Amate, M Juan-Jordá, X Corrales, I Zudaire, E Andonegi)
IOTC-2024-WPEB20(AS)-24	Ecosystem Fisheries Overviews - A Pilot Product to Assess the General Applicability of IOTC Candidate Ecoregions as a Spatial Framework for developing Ecosystem-Based Advisory Products (M Juan-Jordá, H Murua; V Idárraga-Garcés, E Andonegi)
IOTC-2024-WPEB20(AS)-25	Validating IOTC candidate ecoregions through a comparative analysis of main tuna and tuna-like species and fishing fleets (V Idárraga-Garcés, E Andonegi, H Murua, M Juan-Jordá)
IOTC-2024-WPEB20(AS)-26	Crustacean as bycatch of tuna gillnet fishery of Pakistan (M Moazzam)

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IOTC-2024-WPEB20(AS)-27	An update for 2024 on the development of IOTC BTH PRM Project (E Romanov)
IOTC-2024-WPEB20(AS)-28	Demographic analysis for silky shark (<i>Carcharhinus falciformis</i>) in the Indian Ocean (J Zhu, Z Geng, Y Li, X Wang)
IOTC-2024-WPEB20(AS)-29	Why is IOTC lagging behind on shark conservation? An analysis of the status quo and comparison with other tuna RFMOs (I. Ziegler)
IOTC-2024-WPEB20(AS)-30	Ecological interactions between 19 shark species in the Indian Ocean (E Gee)
IOTC-2024-WPEB20(AS)-31	Mobulids caught by French purse seiners in the western Indian Ocean between 2005 and 2023 (P Sabarros, E Mollier, C Tellier)
IOTC-2024-WPEB20(AS)-32	High bycatch rates of manta and devil rays in the “small-scale” artisanal fisheries of Sri Lanka (D Fernando, J Stewart)
IOTC-2024-WPEB20(AS)-33	Mobulid ray fisheries and conservation management in the Chagos Archipelago (N Barros)
IOTC-2024-WPEB20(AS)-34	Overview of mobulid fisheries and trade in the Indian Ocean (N. D’Costa, N Barros, B. Carter and G. M. W. Stevens)
IOTC-2024-WPEB20(AS)-35	Progress in addressing key research to inform Mobulid ray conservation (M Cronin, G Moreno, J Murua, H Murua, V Restrepo)
IOTC-2024-WPEB20(AS)-36	Updated ACAP Advice on Branch line Weighting as a Mitigation Measure to Reducing the Bycatch of Albatrosses and Petrels in IOTC Pelagic Longline Fisheries (S Jiménez)
IOTC-2024-WPEB20(AS)-37	Assessment of the distribution and abundance of blue shark and silky shark to highlight conservation gaps of bycatch in the Kenyan exclusive economic zone (K Wachira, S Ndegwa, E Mueni, B Kiilu, A Lukhwendah, G Okemwa)
IOTC-2024-WPEB20(AS)-38	IWC advice on best practice guidelines for safe release and handling of cetaceans
IOTC-2024-WPEB20(AS)-39	Spatial and temporal dynamics of dolphin bycatch in gillnet fisheries of the Northern Arabian Sea and Indian Ocean: implications for conservation and management (S. A. Razzaque, U. Shahid, C. Johnson, R. Nawaz, G. Salahuddin, N. Afsar)
Information papers	
IOTC-2024-WPEB20(AS)-INF01	Inputs for comprehensive bycatch management strategy evaluation in tuna fisheries (E Gilman, H Murua, M Chaloupka)

Document	Title
IOTC-2024-WPEB20(AS)-INF02	Undetected silky sharks (<i>Carcharhinus falciformis</i>) in the wells of the tropical tuna purse seine fleet in the Indian Ocean (A Juan, M Alonso, V Sierra, J Baez)
IOTC-2024-WPEB20(AS)-INF03	Best handling and release practice guidelines for sharks in IATTC fisheries
IOTC-2024-WPEB20(AS)-INF04	Safe handling and release guidelines for mobulids - updated version (Manta trust)
IOTC-2024-WPEB20(AS)-INF05	Best Practices for the disentanglement of free-swimming small cetaceans