



DRAFT: AGENDA FOR THE 10th WORKING PARTY ON METHODS

UPDATED: 02 OCTOBER 2019

Date: 17-19 October 2019
Location: San Sebastian, Spain
Venue: AZTI Tecnalia
Time: 09:00 – 17:00 daily

Chairperson: Dr. Toshihide Kitakado; **Vice-Chairperson:** Dr. Iago Mosqueira

- 1. OPENING OF THE MEETING** (Chairperson)
- 2. ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION** (Chairperson)
 - IOTC-2019-WPM10-01a: Draft: Agenda for the 10th Working Party on Methods
 - IOTC-2019-WPM10-01b: Draft: Annotated agenda for the 10th Working Party on Methods
 - IOTC-2019-WPM10-02: Draft: List of documents for the 10th Working Party on Methods
- 3. THE IOTC PROCESS: OUTCOMES, UPDATES AND PROGRESS**
 - 3.1 Outcomes of the 21st Session of the Scientific Committee (IOTC Secretariat)
 - IOTC-2019-WPM10-03: Outcomes of the 21st Session of the Scientific Committee
 - 3.2 Outcomes of the 23rd Session of the Commission (IOTC Secretariat)
 - IOTC-2019-WPM10-04: Outcomes of the 23rd Session of the Commission
 - 3.3 Review of Conservation and Management Measures relevant to the WPM (IOTC Secretariat)
 - IOTC-2019-WPM10-05: Review of current Conservation and Management Measures related to Methods
 - 3.4 Progress on the recommendations of WPM09 (IOTC Secretariat and Chairperson)
 - IOTC-2019-WPM10-06: Progress made on the recommendations and requests of WPM09 and SC21
 - 3.5 Review of intersessional meetings related to the IOTC MSE process (Chairperson)
 - IOTC-2019-WPM10-INF01: Report of the 8th Workshop on Management Strategy Evaluation in Working Party on Methods of Indian Ocean Tuna Commission (Anon)
- 4. ALBACORE MSE: UPDATE** (Vice-Chairperson)
 - 4.1 Review of Operating Models based on WPM and SC feedback, including possible robustness tests
 - 4.2 Review of set of simulation runs and results
 - 4.3 Revision of Management Procedures and Indicators
 - 4.4 Evaluation of new set of Management Procedures
- 5. SKIPJACK TUNA MSE: UPDATE** (Chairperson)
 - 5.1 Review of model implementation and participation in MSE process
- 6. BIGEYE TUNA AND YELLOWFIN TUNA MSE: UPDATE** (Chairperson and Developers)
 - 6.1. Review of Operating Models based on WPM and SC feedback, including possible robustness tests
 - IOTC-2019-WPM10-08: Update on IOTC bigeye tuna MSE Operating Model Development October 2019 (Kolody D and Jumppanen)
 - IOTC-2019-WPM10-09: Update on IOTC yellowfin tuna MSE Operating Model Development October 2019 (Kolody D and Jumppanen)
 - 6.2. Review of set of simulation runs and results
 - 6.3. Revision of Management Procedures and Indicators
 - IOTC-2019-WPM10-25: IOTC Bigeye and Yellowfin Management Procedure Evaluation update Oct2019 (Kolody D and Jumppanen)
 - 6.4. Evaluation of new set of Management Procedures

- IOTC-2019-WPM10-10: Proposal on a management procedure for yellowfin tuna in the IOTC Area of Competence (Various)
- IOTC-2019-WPM10-11: IOTC Bigeye and Yellowfin Management Procedure Evaluation update Oct2019 (Kolody D and Jumppanen)

7. SWORDFISH MSE: UPDATE (Vice-Chairperson and Developers)

- 7.1. Conditioning of operating models
- 7.2. Generic Management Procedures
 - IOTC-2019-WPM10-12: Updates on the Indian Ocean swordfish management strategy evaluation: initial testing of candidate management procedures (Rosa D, Mosqueira I, Fu D and Coelho R)

8. GENERAL MSE ISSUES (Chairperson and Vice-chairperson)

- IOTC-2019-WPM10-13: A global review of conceptual and management advice framework in RFMOs (Murua H, Adam S, Merino G, Kitikado T, Williams A and Scott J).
- 8.1. Consideration of Exceptional Circumstances
 - 8.2. Internal and External Peer review

9. JOINT CPUE STANDARDISATION (Chairperson and Consultant)

- IOTC-2019-WPM10-14: Accounting for Fishing Days Without Set, Fishing Concentration and Piracy in the CPUE Standardisation of Yellowfin Tuna in Free Schools for the EU Purse Seine Fleet Operating in the Indian Ocean During the 1991-2017 Period (Guéry L, Kaplan D, Marsac F, Floch L, Deslias C, Abascal F, Baez J-C and Gaertner D)
 - IOTC-2019-WPM10-15: A comparative study on CPUE standardization of bigeye tuna in the Indian Ocean using multi-scale fisheries data and environment data (Zhang T, Song L, Yuan H)
- 9.1. Update on the status of the joint CPUE indices (yellowfin tuna, albacore).
 - IOTC-2019-WPM10-16: Collaborative study of bigeye and yellowfin tuna CPUE from multiple Indian Ocean longline fleets in 2019, with consideration of discarding (Hoyle S et al.)

10. STOCK STATUS GUIDANCE (Chairperson and Vice-chairperson)

- 10.1. Guidance on most appropriate models – different structures
 - IOTC-2019-WPM10-17: Application of a multivariate lognormal approach to estimate uncertainty about the stock status and future projections for Indian Ocean Yellowfin tuna (Winker H, Walter J, Cardinale M and Fu D)
 - IOTC-2019-WPM10-18: Recent studies on the population delineation of yellowfin tuna in the Indian Ocean – consideration for stock assessment (Varghese SP, Mukesh, Pandey S, and Ramalingam L).
 - IOTC-2019-WPM10-26: Is Close-Kin Mark Recapture Feasible for IOTC yellowfin tuna stock assessment? (Kolody D and Bravington M)
- 10.2. Synthesis of results from multiple model outputs
- 10.3. Review the approach used to provide management advice – relative to reference points
- 10.4. Presentation of stock status advice for data limited stocks

11. WPM PROGRAM OF WORK (Chairperson and IOTC Secretariat)

- IOTC-2019-WPM10-19: Schedule of work for the development of management procedures for key species in the IOTC Area – UPDATE (Australia)
 - IOTC-2019-WPM10-20: Summary of activities of the Indian Ocean yellowfin workplan towards a new stock assessment (Merino G, Adam S, Kitakado T and Murua H)
- 11.1. Revision of the WPM Program of Work (2020–2024)
 - IOTC–2019–WPM10–07: Revision of the WPM Program of Work (2020–2024)

12. OTHER BUSINESS

- IOTC-2019-WPM10-21: Marine fisheries data collection methods in India – an update (Mukesh, Varghese SP, Pandey S, and Ramalingam L).
 - IOTC-2019-WPM10-22: Problems and issues of conversion of gillnetting fleet of Pakistan to longlining with the aim to reduce bycatch (M Moazzam)
 - IOTC-2019-WPM10-23: Comparison of Tuna Harvest methods in Iran (Morado G)
 - IOTC-2019-WPM10-24: Maximum Sustainable Yield Assessment in Thailand: A Case of Pelagic Fish in the Andaman Sea (Noranartagoon P).
- 12.1. Date and place of the 11th and 12th Sessions of the WPM (Chairperson and IOTC Secretariat)

- 12.2. Development of priorities for Invited Expert(s) at the next WPM meeting (Chairperson)
- 12.3. Election of a Chairperson and Vice-Chairperson for the next biennium (IOTC Secretariat)
- 12.4. Review of the draft, and adoption of the Report of the 10th Session of the WPM (Chairperson)