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## AGENDA FOR THE 3<sup>RD</sup> AD-HOC WORKING GROUP ON FADS MEETING

Last updated: 23rd September 2022

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**Date:** 3 - 5 October 2022

**Location:** Zoom

**Venue:** Virtual

**Time:** 12:00 – 16:00 (Seychelles time)

**Co-Chair:** Dr. Gorka Merino (European Union); **Co-Chair:** TBD

1. **OPENING OF THE MEETING** (Co-Chairs)
2. **ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION** (Co-Chairs)
3. **THE IOTC PROCESS: OUTCOMES, UPDATES, AND PROGRESS**
  - 3.1. Resolution 15/09 –Terms of Reference (Update)
  - 3.2. Outcomes of the 24<sup>th</sup> Session of the Scientific Committee
  - 3.3. Outcomes of the 26<sup>th</sup> Session of the Commission and previous decisions of the Commission in relation to FADs
  - 3.4. Resolution 19/02 on FADs
4. **REVIEW OF THE DATA AVAILABLE AT THE SECRETARIAT ON FADS** (IOTC Secretariat)
  - *IOTC-2022-WGFAD03-03 Data Summary by the IOTC Secretariat.*
  - *IOTC-2022-WGFAD03-05: Floating Object fishery indicators: A 2021 report (Lopez et al.)*
5. **REVIEW OF DEFINITIONS AND MANAGEMENT PLANS ACROSS TUNA RFMOS** (All)
  - *IOTC-2022-WGFAD03-21: What does well managed FAD use look within a tropical purse seine fishery? (Hampton et al).*
  - *IOTC-2022-WGFAD03-04: A review of FAD management measures implemented in other RFMOs, (Shark Guardian).*
  - *IOTC-2022-WGFAD03-16: Standardizing FAD definitions between RFMOs (Bayley and Dyer)*
6. **IMPACTS OF FADS ON TROPICAL TUNA FISHERIES** (All)
  - *IOTC-2022-WGFAD03-19: Developing a science-based framework for the management of drifting Fishing Aggregating Devices (Capello et al).*
  - 6.1. Stock impacts – juvenile catches
    - *IOTC-2022-WGFAD03-06: Impact of DFAD density on tuna associative behavior and catchability in the Indian Ocean (Dupaix et al.)*
    - *IOTC-2022-WGFAD03-07: In-situ experiment to test a hypothesis on tuna movements within a FAD array in the Maldives (Jauharee et al.)*
  - 6.2. Impacts on endangered, threatened, protected (ETP) species
    - *IOTC-2022-WGFAD03-10: Assessing the impact of drifting FADs on silky shark mortality in the Indian Ocean (Ziegler, I.)*
    - *IOTC-2022-WGFAD03-09: Assessment on accidentally captured silky shark post-release survival in the Indian Ocean tuna purse seine fishery (Grande et al).*
    - *IOTC-2022-WGFAD03-11: Preliminary results of an autonomous buoy prototype to count pelagic sharks at FADs (Forget et al).*

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6.3. Other ecosystem impacts – e.g. coral damage due to strandings

- *IOTC-2022-WGFAD03-12: Modeling drifting Fish Aggregating Devices (FADs) trajectories arriving at essential habitats for sea turtles in the Pacific Ocean (Escalle et al.).*

6.4. Biodegradability of FADs.

- *IOTC-2022-WGFAD03-13: Status of biodegradable FADs development (Zudaire, I.)*
- *IOTC-2022-WGFAD03-15: Evidence that shows that biodegradability of FADs is achievable (Kinyua, B.).*
- *IOTC-2022-WGFAD03-14: The JellyFAD: a paradigm shift in bio-FAD design (Moreno et al.).*

**7. TOWARDS A PLAN FOR IOTC**

7.1. Applying the precautionary approach

- *IOTC-2022-WGFAD03-20: Suggested improvements to 19/02 that will ensure the effective management of dFADs. (Kenya and like-minded proponents).*

7.2. Improved transparency in FAD operations

- *IOTC-2022-WGFAD03-18: Lessons learned from the monitoring of FOB and buoy use by French and associated purse seiners in the Indian Ocean: How to avoid data gaps ? Do we need a FAD register? (Maufroy et al.).*

7.3. Management measures to be considered

- *IOTC-2022-WGFAD03-17: Development of an Agent-Based Bio-Economic Model of Eastern Pacific Tropical Tunas Fisheries (POSEIDON) (Katyana et al).*
- *IOTC-2022-WGFAD03-08: Unintended effects of single-species fisheries management (Tolotti et al)*

**8. DISCUSSION ON THE FUTURE MANDATE OF THE WGFAD (TO REMAIN UNDER SC OR MOVE TO COC)**

**9. WRAP UP, SUMMARY OF DISCUSSIONS AND RECOMMENDATIONS (Co-Chairs)**

**10. ADOPTION OF THE REPORT OF THE 2<sup>nd</sup> SESSION OF THE AD-HOC WORKING GROUP ON FADs (Co-Chairs)**