

2nd Joint t-RFMO FAD Working Group Meeting

8-10 May 2019, San Diego, USA

ANNOTATED AGENDA

1. Opening of the meeting

The meeting will be opened by the Chair, Dr. Josu Santiago, at 9am on Wednesday 8th May 2019.

2. Adoption of the agenda

The Chair will present the [Provisional Agenda](#) for consideration and adoption by the Working Group and will explain the meeting arrangements and the indicative meeting schedule.

3. Review of the progress of the key areas for action for the joint t-RFMO FAD WG identified during the 1st Joint t-RFMO FAD Working Group Meeting

A representative of each RFMO Secretariat will present the level of progress in the different key areas for action for the joint t-RFMO FAD WG, identified during the 1st joint t-RFMO FAD Working Group Meeting held in Madrid.

4. Review of the current management measures on FADs

- Keynote presentation by Ms. Rachael Wadsworth (US) on the current management measures on FADs that are in place in the different t-RFMOs
- Documents:
 - o Chassot et al - Outburst of FAD fishing following quota implementation: The case of Indian Ocean yellowfin
 - o Gershman et al - Toward true FAD deployment limits in the t-RFMOs

5. Definitions of terms related to FAD fishing, notably those related to science and management of FADs

- Keynote presentation by the Chair on definitions of terms related to FADs and buoys used in FAD fishing operations (Dr. Josu Santiago) prepared by the joint tRFMO Technical Working Group on FADs.

6. Minimum standards and formats to optimize and harmonize the collection of data on FADs and definition of systems to accurately quantify numbers of FADs and active buoys.

- Keynote presentation by Mr. Stephen Ndegwa (Kenya - IOTC) on minimum standards for collection FAD data and quantification of FAD use.
- Documents:
 - o Grande et al - Best Standards for Data Collection on FOBs: Towards a Science Based FOB fishery management
 - o Maufroy et al - Options for a better monitoring and control of operational buoys
 - o Guery et al - Estimating density of non-tracked dFADs with spatial capture-recapture models
 - o Grande et al - From fishermen' to scientific tools: Progress on the recovery and standardized processing of echosounder buoys data

7. Marking and tracking of FADs

- Keynote presentation by Dr. Anthony Beeching (WCPFC) on the current situation of FAD marking and tracking systems in the different tRFMOs.
- Documents:
 - o Escalle et al - Recently available dFAD tracking data in the WCPO: challenges, new research areas and potential useful tool to guide management
 - o Kaplan et al - Global analysis of beaching events in French dFAD trajectory data for impacts on sensitive habitats and proximity to ports
 - o Baske et al - Options for improving dFAD recovery and accountability to minimize coastal habitat damage and marine litter

8. FAD fishery indicators

- Keynote presentation by Dr. Jon Lopez (IATTC) on the FAD indicators developed by the joint t-RFMO technical working group on FADs
- Documents:
 - o Uranga et al - Treatment of acoustic data obtained from echosounder buoys for tuna biomass estimates
 - o Santiago et al - A novel approach to obtain indices of abundance of tropical tunas from echosounder buoys

9. Progress regarding scientific information on FADs and ongoing research in the different tRFMOs

- Keynote presentation by Dr. David Die (ICCAT) on research initiatives in place or planned in the different t-RFMOs, identifying spaces of synergy and cross-fertilization.
- Documents:
 - o Moreno et al - Towards acoustic discrimination of tuna species associated with FADs
 - o Baidai et al - Machine learning for characterization of tuna aggregations under drifting FADs from commercial echo sounder buoys data

10. Impacts of FADs in tuna fisheries and recent developments in their mitigation.

- Keynote presentation by Dr. Gala Moreno (ISSF) on mitigating environmental impacts of FADs in the tropical tuna purse seine fisheries.
- Documents:
 - o Zudaire - Towards the use of non-entangling and biodegradable dFADs: actions to mitigate their negative effects in the ecosystem
 - o Zudaire - Preliminary results of BIOFAD project: testing designs and identify options to mitigate impacts of drifting Fish Aggregating Devices on the ecosystem
 - o Pérez - Effect of inter-FAD distances on the movements of tuna in an array of FADs: an empirical modeling approach

11. Current and Future initiatives for FAD fishery sustainability.

- Keynote presentation by Mr. Guillermo Moran (Tunacons) on different initiatives led by the industry towards the sustainability in the FAD fishery
- Documents:

- Abdullahi - The impact of FAD on food security of Coastal Community in Somalia
- Herrera - FAD-Watch: turning the tide on FAD-beaching
- Herrera - Implementing management plans and voluntary initiatives regarding FADs: the OPAGAC experience – an update
- Nootmorn - Fish Aggregating Devices Purse Seine Fishery in the Andaman Sea, Thailand

12. Areas of future cross RFMO collaboration on FADs

The Working Group will discuss on the current and future priority areas of cross RFMO collaboration.

13. Other matters

14. Recommendations

15. Adoption of the report and closure

Note: A live poll exercise will be conducted at the beginning of sessions 4-11. Five focus questions will be asked to the audience through www.PollEv.com/fads and results will be used to facilitate and guide discussion. There is no need to register in advance. All the polls will be anonymous. Anyone with a laptop/cell phone and Wi-Fi connection can participate.

TENTATIVE PLANNING

	8 May	9 May	10 May
8h00-9h00	<i>Registration</i>		
9h00-10h45	<i>Welcome + Agenda adoption + (3) Review of the progress</i>	(7) Marking and tracking	(11) Current and Future initiatives
10h45-11h15	Coffee break	Coffee break	Coffee break
11h15-13h00	(4) Management	(8) Indicators	(12) RFMO collaboration (13) other matters
13h00-14h00	Lunch	Lunch	Lunch
14h00-15h45	(5) Definitions	(9) Research	(14) <i>Recommendations and reporting*</i>
15h45-16h15	Coffee break	Coffee break	Coffee break
16h15-18h00	(6) Data collection	(10) Impacts	(14) <i>Recommendations and reporting*</i>

* For the adoption of the conclusions and recommendations the WG will be convened in a formal format.