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# 2<sup>nd</sup> WORKSHOP ON CONNECTING THE IOTC SCIENCE AND MANAGEMENT PROCESSES (SMWS02)



**INDIAN OCEAN TUNA COMMISSION**  
**Secretariat**

<http://www.iotc.org>



## AIMS & OBJECTIVES

- 1) Improve the level of comprehension among IOTC stakeholders on how the scientific process informs the management of IOTC species and ecosystems
  - Managers need to state clear objectives
  - Scientists need to produce advice and communicate it effectively
  
- 2) Increase the awareness of IOTC stakeholders to their obligations, as stipulated in the Commissions' Conservation and Management Measures which are based on rigorous scientific advice.

**This will be achieved through presentations, practical/hands-on case studies and open discussion**



# WORKSHOP STRUCTURE

1. Background to IOTC & the management of highly migratory species (Theory)
2. How scientific advice is generated and effectively communicated (Theory and practice)
3. The decision making process based on advice received (Theory and practice)
4. National implementation and compliance with decisions of the Commission (Theory)



# WORKSHOP STRUCTURE

1. Background to IOTC & the management of highly migratory species
  - How the need for management of shared stocks of tuna created the need for a RFMO in the Indian Ocean
  - How the IOTC was created as the RFMO for tunas in the Indian Ocean
  - How the IOTC functions to manage highly migratory species under its mandate



# WORKSHOP STRUCTURE

## 2. How scientific advice is generated and effectively communicated (Theory and practice)

- Data used and the Methods and Models applied
- Diagnostics, projections, Kobe Plots, Kobe 2 Management Strategy Matrix; acceptable levels of risk
- Management Strategy Evaluation (TRP, LRP, HCR)
- Communicating effectively to managers (interpreting and disseminating information from IOTC Executive Summaries)
- Practical session: Participants to develop and communicate scientifically-based management advice from the Scientific Committee to the Commission for use in the development of a management measure (including overnight group work)



# WORKSHOP STRUCTURE

3. The decision making process based on the advice received (Theory and practice)
  - What is an IOTC Conservation and Management Measure (CMM)?
  - How scientific advice has been interpreted/used by the Commission to generate Conservation and Management Measures
  - Pitfalls of waiting too long or being too quick to develop a proposal for a CMM
  - Practical session: Participants to develop and communicate a proposal for a CMM (including overnight group work)



# WORKSHOP STRUCTURE

4. National implementation and compliance with decisions of the Commission
  - What needs to be done at the national level after a decision is adopted?
  - Effects of poor compliance with IOTC requirements on the provision of scientific advice and management