



**SCIENCE-MANAGEMENT DIALOGUE  
FIRST SESSION**  
Online  
19, 22 August 2022

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**Objectives of the First Science-Management Dialogue Meeting (SMD01)**

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WCPFC-SMD01-2022/BP-01

## **OBJECTIVES**

1. To achieve consistent understanding amongst members of the harvest strategy approach, in terms of its structure, function and implementation within WCPFC.
2. To initiate discussions on prioritising/identifying (a subset of) management procedures for consideration by WCPFC19 and identify further work (e.g., scenarios, harvest control rule designs, model outputs) for additional analyses to be undertaken prior to WCPFC19 for both WCPO skipjack and South Pacific albacore.
3. To consider future processes/pathways (short term and longer term) to facilitate Commission's decision-making on management procedures and indicative detailed work plan and schedule for support by the Scientific Services Provider, Scientific Committee, and the Science Management Dialogue process.

## **SCOPE OF WORK**

Prior to the SMD01, all members should, to the extent possible, have received some form of workshop or capacity building event to acquire a basic understanding of the WCPFC harvest strategy approach. It is envisaged that the SMD01 process will implicitly perform a capacity building role to support confident and full participation of all CCMs in the further development of harvest strategies. The scope of work to reach the Objectives are listed below.

### **Objective 1: Achieve consistent understanding**

1. Introductory presentations to outline:
  - a. WCPFC harvest strategy, approach
  - b. Current status of WCPO skipjack and south Pacific albacore MSE frameworks
  - c. Current status of the mixed fishery framework, evaluations
2. Overview of performance indicators
  - a. How performance indicators relate to management objectives, and their role in selecting preferred management procedures

### **Objective 2: Prioritise/Identify management procedures for WCPO skipjack and South Pacific albacore, and further work**

3. Interrogation of performance indicators (e.g., using PIMPLE<sup>1</sup>) and identification of preferred management procedure (or a sub-set of management procedures)
  - a. Procedures for identifying and implementing the ‘best performing’ management procedure
4. Outstanding decision items from SC17-MI-WP-03<sup>2</sup> to confirm the ‘settings’ of management procedures
  - a. Definition of fisheries and fishery controls
  - b. Description of other settings of the management procedures
    - i) 3-year management cycle
    - ii) Reference year for catch and effort scaling 2012
    - iii) Fishing in archipelagic waters is assumed to continue at 2012 levels
    - iv) Any other settings for alternative MPs

**Objective 3: Determine how Commission best supported by SC/SMD**

5. Determine how the Commission’s decision-making in 2022 can best be supported by WCPFC subsidiary bodies and the Scientific Services Provider. This may include developing a ‘pathway’ that fulfills the information and training needs necessary for making informed decisions on management procedures that balance different management objectives.
6. Longer term planning issues including Schedule and focus for future dialogue meetings; Updates to the Harvest Strategy Workplan; and Discuss alignment of parallel processes (e.g., allocation) required to support implementation of harvest strategies.

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<sup>1</sup> Performance Indicators and Management Procedures Explorer; <https://ofp-sam.shinyapps.io/pimple/>

<sup>2</sup> R. Scott, F. Scott, N. Yao, P. Hamer, G. Pilling and J. Hampton. *Recent progress in the technical development of harvest strategies for WCPFC stocks and fisheries.*