

Key Decisions for Managers and Scientists Under the HS Approach for WCPO Tuna Stocks and Fisheries

WCPFC-SC14-2018/MI-WP-05

Robert Scott

Oceanic Fisheries Programme, SPC

*14th Regular Session of the Scientific Committee
9th-16th August
Busan, Republic of Korea*

Motivation

Robert Scott

Introduction

Motivation

Management

Science

Science/Management

CMM2014-06

- ▶ The Commission shall agree a workplan and indicative timeframes to adopt or refine harvest strategies for skipjack, bigeye . . .

WCPFC14-Attachment L - HS Work Plan

- ▶ Broad scale milestones from a policy perspective
- ▶ Subject to annual revision
- ▶ Lacks technical considerations

MI-WP-05 Key Decisions

- ▶ More detail on some of the steps required to reach milestones.
- ▶ Management/Policy + Science/Technical
- ▶ Generic - no timeframe

Fishery Manager/Stakeholder

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Science/Management

1. Agreed procedure to select the 'best' MP
 - ▶ How do you use the PIs to choose the best MP
 - ▶ Iterative process (objectives/performance indicators)
2. Approach for implementing the agreed procedure
 - ▶ Once chosen - can we implement the HCR?
3. Adopt TRPs (that define desirable conditions)
4. Design HCRs (to achieve objectives)
5. Definition of fisheries and fishery controls within a HS
 - ▶ Catch/Effort
6. Feedback on presentation of results
7. Define exceptional circumstances
 - ▶ What to do when they occur

Scientific Committee

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1. OM conditioning
2. Simulation framework developments
 - ▶ Estimation methods
 - ▶ Implementation models
3. Performance Indicators
 - ▶ Economic indicators
 - ▶ Refine and evaluate
4. Support TRP definition
5. Test HCRs (MPs)
6. Support monitoring strategy
7. Evaluate exceptional circumstances
 - ▶ When do they occur
8. Multi-species approaches

Science and Management

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Cross-cutting issues

1. Agreed procedure to select the 'best' MP
 - ▶ How do you use the PIs to choose the best MP
 - ▶ Iterative process (objectives/performance indicators)
2. Performance Indicators
 - ▶ Interpreting results
 - ▶ Refine and evaluate
3. TRP definition
4. Monitoring strategy
5. Exceptional circumstances
 - ▶ When do they occur
 - ▶ What to do when they occur

Science Management Dialogue

- ▶ SC14-MI-WP-06