
**DRAFT AGENDA – 1ST WORKSHOP ON CONNECTING THE IOTC SCIENCE
AND MANAGEMENT PROCESSES (SMWS01)**

LAST UPDATED: 23 JUNE 2014

Date: 25–27 June 2014

Location: Phuket, Thailand

Venue: Novotel Phuket Resort, Patong, Phuket, Thailand

Time: 09:00 – 17:00 daily

Facilitator: Dr. David Wilson; **Co-Facilitators:** Dr. Chris O'Brien; Dr. Rishi Sharma; Dr. Shijie Zhou

1. **OPENING OF THE MEETING AND ARRANGEMENTS FOR THE WORKSHOP** (IOTC Secretariat/ BOBLME)
2. **THE STRUCTURE AND FUNCTIONING OF THE IOTC PROCESS: Overview** (Dr. David Wilson: IOTC Secretariat)
3. **SIMPLE STOCK ASSESSMENT METHODS AND INDICATORS** (Dr. Rishi Sharma: IOTC Secretariat; Dr. Shiji Zhou: Invited Expert for WPNT04)
 - 3.1 Basic models
 - 3.2 The basic data types used by simple models; effects of problems in these data types
 - 3.3 Effects of errors (process and measurement) in the assessment
 - 3.4 Review of a typical analysis: data issues, CPUE analysis, basic kinds of assessments
 - 3.5 Discussion and practical session
4. **DATA-POOR APPROACHES TO DETERMINE STOCK STATUS** (Dr. Rishi Sharma: IOTC Secretariat & Dr. Shiji Zhou: Invited Expert for WPNT04)
 - 4.1 Use of management advice in the formulation of joint management actions in the presence of uncertainty: basic introduction
 - 4.2 Precautionary approach: reference points and harvest control rules
 - 4.3 Discussion and practical session
5. **THE WEIGHT-OF-EVIDENCE FRAMEWORK** (Dr. David Wilson: IOTC Secretariat)
 - 5.1 Introduction to the Weight-of-Evidence Framework
 - 5.2 Case studies on how to apply the framework
 - 5.3 Communicating the Weight-of-Evidence results to managers and policy makers within the IOTC
 - 5.4 Discussion and practical session
6. **DEVELOPMENT AND EFFECTIVE COMMUNICATION OF SCIENTIFICALLY-BASED MANAGEMENT ADVICE** (Dr. David Wilson & Dr. Rishi Sharma: IOTC Secretariat; Dr. Chris O'Brien: BOBLME)
 - 6.1 Use of management advice in the formulation of joint management actions in the presence of uncertainty: basic introduction
 - 6.2 Precautionary approach: reference points and harvest control rules
 - 6.3 What are acceptable levels of risk for management?
 - 6.4 Constructing robust harvest control rules: Management Strategy Evaluation
 - 6.5 Communicating effectively the effects of uncertainty
 - 6.6 Implementation of management actions including data collection
 - 6.7 Case studies on how the IOTC working parties develop management advice: Species executive summaries
 - 6.8 Discussion and practical session
7. **IOTC CONSERVATION AND MANAGEMENT MEASURES** (Dr. David Wilson & Dr. Rishi Sharma: IOTC Secretariat)
 - 7.1 Defining an IOTC Conservation and Management Measure
 - 7.2 Case studies of how the Commission has used and not used scientifically-based management advice in the development of its Conservation and Management Measures
 - 7.3 Pitfalls of waiting too long or being too quick to provide scientifically-based management advice
 - 7.4 Discussion and practical session

- 8. IMPLEMENTATION OF MANAGEMENT ACTIONS** (Dr. David Wilson & Dr. Rishi Sharma: IOTC Secretariat)
- 8.1 Obligations of IOTC Members in the implementation of IOTC CMMs
 - 8.2 Effects of poorly implemented management actions
 - 8.3 Decision making processes and implementation within the IOTC
 - 8.4 Discussion and practical session