

Provisional Prospectus

**THE SEMINAR ON UPDATED MENU-DRIVEN SOFTWARE
FOR FISH STOCK ASSESSMENTS AND MANAGERMENTS**

19 JUNE 2023

SEAFDEC/TD, THAILAND

INTRODUCTION

The stock assessment and management become more and more important topic in the Southeast Asia. The miss management can lead to the unsafe situation for fishery resources. Thus, the model selection to suite available data should be considered carefully to obtain reliable and realistic results. The well selected model suite to the available data, can positively support the scientific-based fishery management in national and regional level. To achieve this goal, various stock assessment models were developed with different assumptions which can corporate with different types of data available from limited to rich data situation.

Considering these points carefully, SEAFDEC has been conducting neritic and oceanic tuna stock assessments by scientists of member countries since 2015 through number of practical workshops using available data under the supervision by the resource person, Dr Tom Nishida (Japan). These workshops aim also for Capacity Building.

In the initial period, programming languages and Excel macros were used to conduct CPUE standardization, stock assessments and Kobe I and II (management decision making tools). But no participants could handle these tools smoothly. To remedy this problem, Dr Nishida has developed menu-driven software that allows these tasks to be performed without programming. To now, menu-driven software for CPUE standardization, ASPIC (production model) and Kobe I+II, were fully utilized in the past practical workshops and could produce management advices, not only to SEAFDEC member countries, but also to Council meetings and ASEAN.

Due to the COVID19 pandemics, the practical workshop has been suspended for 3 years. Meanwhile, Dr Nishida has been improving previous software and developing additional software including JABBA (Production model) and age structured models (ASPM, SCAS and SCAS). For details, refer to Appendix A.

Since Dr Nishida is invited by DOF to conduct the seminar on the same topic, SEAFDEC also invites him to do the similar seminar taking this opportunity.

OBJECTIVES

- To learn the outline of the updated menu-driven software listed in Appendix A.
- To discuss relevant issues on the menu driven software.

OUTCOMES

- To understand outlines of improved and new software.
- Possible continuous collaboration with Dr Nishida.

PARTICIPANTS

- On-site participants from SEAFDEC/TD and Secretariat.
- On-line participants from MFRDMD and member countries who has participated stock assessment workshop conducted by Dr NISHIDA before.

LOGISTICS

- SEAFDEC car pick Dr Nishida up from Maruay Garden Hotel at 0700 and arrive TD by 0930 hrs.
- The seminar will be for 2 hours starting at 1000 hrs.
 - o 1 hour 30 minutes for presentation including coffee break.
 - o 30 minutes for discussion and questions/answers.
- Estimated budget: 300 USD for resource person (150*2 hour).

Time table (19 June 2023)

Time	Activities	Responsible person	Remarks
09:30-10:00	- Resource person arrive TD from Maruay Garden Hotel at 09:30 - Openings	TD staffs	The SEAFDEC vehicle may pick resource person up at 0700
10:00-11:30	Start the seminar	Resource person (Dr Tom Nishida)	Coffee break
11:30-12:00	- Discussion and Question/Answer - Closings	Resource person and TD staff	
12:00-13:00	Reception and lunch for resource person		

Contact persons

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