

## PROVISIONAL PROSPECTUS

### I. Introduction:

Recognizing the regional cooperation to promote the sustainable utilization of neritic tuna in Southeast Asian region, the 45<sup>th</sup> Meeting of the SEAFDEC Council endorsed the proposal of SEAFDEC Secretariat to conduct regular stakeholders' consultations for the development of the Regional Plan of Action for Sustainable Neritic Tuna Fisheries (RPOA-Neritic Tuna). Thus, SEAFDEC with funding support from the SEAFDEC-Sweden Project organized the "Consultative Meeting on Regional Cooperation on Sustainable Neritic Tuna Fisheries in Southeast Asian Waters" (October 2013 in Songkhla Province, Thailand). Based on the discussion during the above meeting with AMSs and relevant organizations, SEAFDEC developed the zero draft of the RPOA-Neritic Tuna, which was finalized at the "Experts Group Meeting on the Development of Regional Plan of Action on Sustainable Utilization of Neritic Tuna Resources in Southeast Asian Waters" (18-20 June 2014 in Krabi province, Thailand). The RPOA-Neritic Tunas was reported to the 17<sup>th</sup> Meeting of the FCG/ASSP in December 2014, and then later endorsed by the 47<sup>th</sup> Meeting of SEAFDEC Council in April 2015. Another output through the above series of the meetings is the establishment of the Scientific Working Group (SWG) on stock assessment of neritic tunas in the ASEAN region. The Term of Reference (TOR) for SWG-Neritic Tunas was formulated in the 1<sup>st</sup> Meeting of SWG-Neritic Tunas (18-20 November 2014, Shah Alam, Malaysia) and endorsed by the 47<sup>th</sup> Meeting of the SEAFDEC Council for long term establishment of the working group.

The 1<sup>st</sup> Meeting of SWG-Neritic Tunas agreed to cover the seven (7) species to be studied in the region, which includes 1) longtail tuna (*Thunnus tonggol*), 2) eastern little tuna/kawakawa (*Euthynnus affinis*), 3) frigate tuna (*Auxis thazard*), 4) bullet tuna (*Auxis rochei*), 5) bonito (*Sarda orientalis*), 6) Indo-pacific king mackerel and 7) narrow barred Spanish mackerel. At the beginning, the Meeting agreed to focus and assess the two (2) neritic tuna species, the eastern little tuna/kawakawa and longtail tuna. The 2<sup>nd</sup> Meeting of SWG-Neritic Tunas (15-17 June 2015, Hai Phong, Viet Nam) concluded that a Stock-Production Model Incorporating Covariates (ASPIC) would be used as per first phase of the two neritic tuna stock assessment study. The 3<sup>rd</sup> Meeting of SWG-Neritic Tunas (27-29 June 2016) focused on the progressed result on Longtail Tuna and Kawakawa stock assessment and work plan for genetic study, reviewed paper of biology and ecology of neritic tunas as well as technical/policy recommendations including proposed management measures for consideration by country and also capacity building requirement. The 4<sup>th</sup> Meeting of SWG-Neritic Tunas (20 October-2 November 2017 in KL, Malaysia) the Meeting agreed to conduct the workshop for data standardization was needed for data collection. Based on the agreement, SEAFDEC/MFRDMD in collaboration with SEAFDEC/Secretariat and Training Department (TD) has convened "**Practical Workshop on Stock Assessment of Indo-Pacific king Mackerel and Narrow-barred Spanish Mackerel in the Southeast Asian Waters**" on 16-20 June 2018 at SEAFDEC/TD in Samut Prakan, Thailand. The trained trainers in this Workshop would have his/her responsibility on conducting training at national level upon completion of the training.

### II. Objectives of the Meeting:

- To transfer specific knowledge to scientist who have experienced on Basic Stock Assessment and IT skills to participating SEAFDEC Member Countries,
- To train the participants from the Member Countries, SEAFDEC/MFRDMD, and SEAFDEC/TD on CPUE standardization and stock assessment analysis using ASPIC, Kobe plot decision making tool for management and other relevant program.

### **III. Expected outputs:**

- The participants will have knowledge and skills on CPUE standardization and stock assessment analysis for neritic tunas by using ASPIC, Kobe plot, and other relevant program.
- The participant will be a trainer who would have his/her responsibility on conducting training for CPUE standardization and stock assessment analysis of seerfishes at national level upon completion of the training.

### **IV. Date and venue:**

The Practical Workshop on Stock Assessment of Indo-Pacific king Mackerel and Narrow-barred Spanish Mackerel in the Southeast Asian Waters will be held at SEAFDEC/TD in Samut Prakarn, Thailand from 16 to 20 July 2018.

### **V. Participants:**

- One core participant from Brunei Darussalam, Cambodia, Indonesia, Malaysia, Myanmar, Philippines, Thailand and Viet Nam
- One core participants from TD and MFRDMD
- Resource Persons

### **VI. Tentative Agenda:**

#### **16 July**

- Registration
- Opening Session
- Introduction (T. Nishida)
- National Report (Presentation by Participants from Member Countries)

#### **17 July**

- Discussion and Practice
- Data QC (massage)
  - Catch statistics

#### **18 July**

- Discussion and Practice (continued)
- Nominal CPUE
  - CPUE standardization

#### **19 July**

- Discussion and Practice (continued)
- ASPIC
  - Kobe plot
  - Risk assessments

#### **20 July**

- Presentation of the assignment
- Wrap up
- Closing session

### **VII. Contact Persons:**

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