SEAFDEC Meetings and Results from Capacity Building on Stock Assessment

SEAFDEC secretariat

Background

- Workshop on Neritic tuna fisheries > Key Issues and Policy Recc.
- 46th CM Requested for RPOA-neritic tuna: 2014, April
- Expert Meeting on Drafting the RPOA neritic tuna: 2014, June
- 1st SWG meeting: TOR on SWG was developed
- RPOA-Neritic tuna and TOR of SWG was endorsed by Council and SOM
- 2nd SWG meeting: status and trend of Neritic tuna and work plan on SA
- Training on Stock Assessment> Basic and Advance Training courses in 2016

CAPACITY BUILDING funded by Sweden

JAN. FEB. 2016

Basic Training course ON SA: CAM, MM, TH and MY and VN

APRIL 2016

Advance course on SA on KAW and LOT: BN, ID, MY, PH, TH, VN

BASIC TRAINING COURSE ON STOCK ASSESSMENT

▼ 📁 **Basic_Level 1**
- 📄 01-Introduction.pdf
- 📄 02-Overview-of-Biostatistics.pdf
- 📄 03-Descriptivce-Statistics-Overview-of-Inferential-Stat.pdf
- 📄 04-Inferential-Statistics.pdf
- 📄 05-Fish-Reproductive-Biology.pdf
- 📄 07-Growth.pdf

▼ 📁 **Basic_Level 2**
- 📄 01-Introduction-to-Fish-Stock-Assessment.pdf
- 📄 02-Estimation-of-Growth-Parameters.pdf
- 📄 03-Raising-to-Total-Catch-in-Number.pdf
- 📄 04-Mortality.pdf
- 📄 05-One-tailed.pdf
- 📄 06-Two-tailed.pdf
- 📄 07-Adjusted-LFD.pdf
- 📄 08-VPA.pdf
- 📄 09-Jones.pdf
- 📄 10-TB-Model.pdf
- 📄 11-MSY.pdf
- 📄 12-step-by-step.pdf

ADVANCE TRAINING COURSE ON STOCK ASSESSMENT

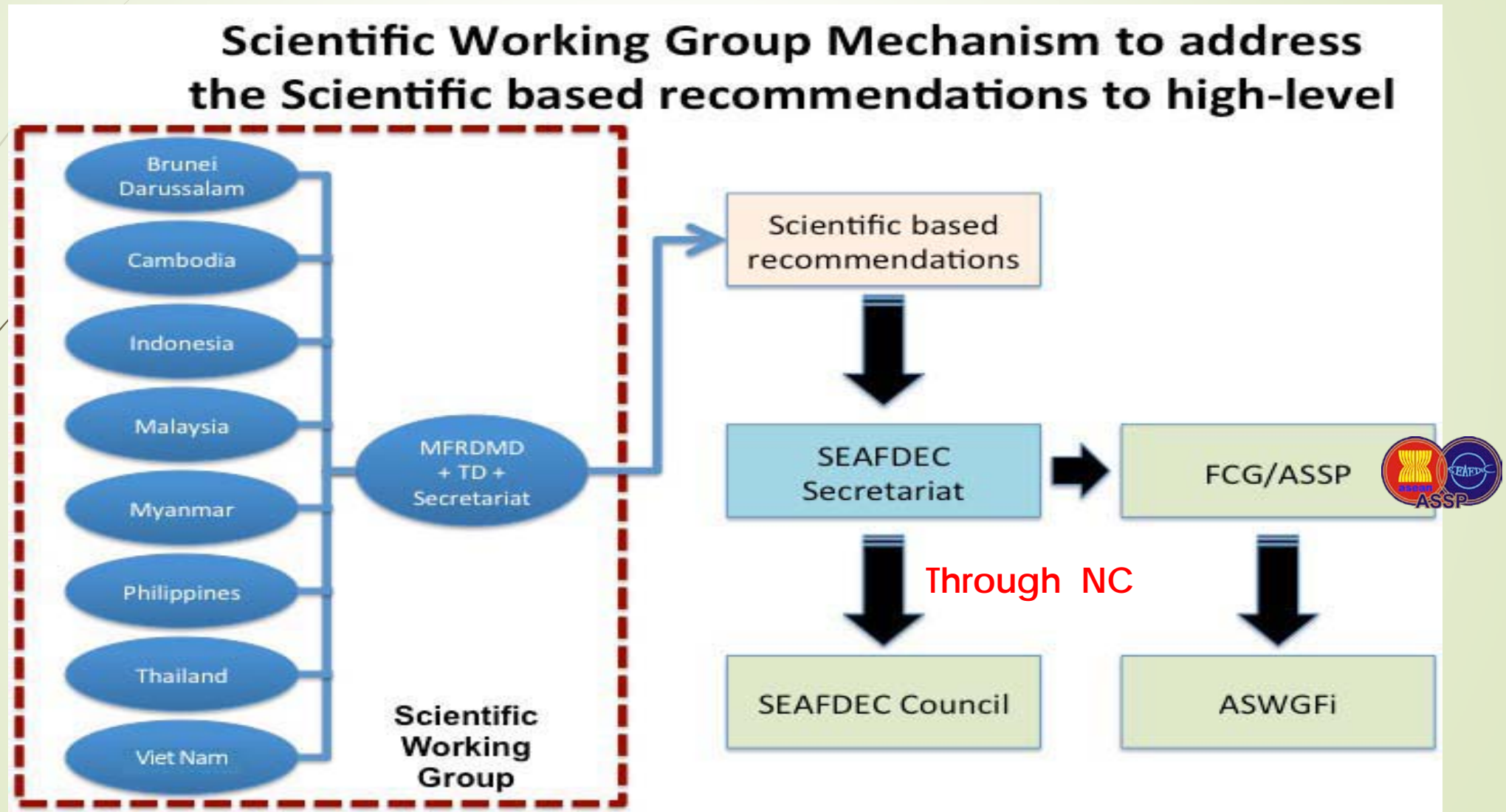| DATE		AGENDA
17 April	Sunday	Opening
		Introductions
		Country Report
		Reviews on Biological and Ecological of Longtail Tuna and Kawakawa
		Data Collection and Process
18 April	Monday	CPUE standardization (outlines, initial practices and discussion)
19 April	Tuesday	ASPIC (outlines, initial practices and discussion)
20 April	Wednesday	ASPIC (practices)
21 April	Thursday	Kobe plot (outlines, initial practices and discussion)
22 April	Friday	Excursion to vicinity of Kuala Terengganu
23 April	Saturday	CPUE standardization, ASPIC and Kobe Plot using real data and results of the stock status
24 April	Sunday	
25 April	Monday	Final Practices: Case study presentations: > For Thailand: Case Study ASPIC (LOT)(IOTC) > For Malaysia: Case study ASPIC (KAW)(IOTC) > For Indonesia: Case study (K. Mackerel) (T. Tobago) > For Philippines: Case study (Albacore)(IOTC) > For Brunei Darussalam: Case study LOT NWIO (CPUE+APIC) > For Vietnam: Case study Oman LOT CPUE
		Wrap up (Discussion and Conclusion)
		Closing

Software for Stock Assessment

Softwares	No.	License by
CPUE (Catch-Per-Unit-of-Effort) Standardization by GLM (Generalized Linear Model)	1	SEAFDEC, 2016
ASPIC: A Stock-Production Model Incorporating Covariates (ver. 5)	2	NOAA,2004
ASPIC: ASPIC (ver. 5.05) Batch (Grid search) Job Software (Menu-driven software) (1st version)	3	NRIFSF, 2016
Kobe I (Kobe plot) +Kobe II (risk assessment) software (New ver. 3, 2014)	4	NRIFSF, 2014

Recommendations at the 18FCG/ASSP
on TOR and Its mechanism

Scientific Working Group Mechanism to address the Scientific based recommendations to high-level

Brunei Darussalam

Cambodia

Indonesia

Malaysia

Myanmar

Philippines

Thailand

Viet Nam

MFRDMD + TD + Secretariat

Scientific Working Group

Scientific based recommendations

SEAFDEC Secretariat

FCG/ASSP

Through NC

SEAFDEC Council

ASWGFi

SWG-Neritic Tunas Meeting for Sustainable Utilization of neritic tunas

- Will be continued under the TOR adopted by SEAFDEC Council at its 47ᵗʰ Meeting
- Secretariat of the SWG-neritic tunas (MFRDMD in collaboration with SEC) will be maintained to run the meeting