#### **SOM14** 14<sup>th</sup> Senior Officials' Meeting 11-12 December 2018 Manila, Philippines

# SESSION 10: COUNTRY REPORT

### MALAYSIA

DIVISION OF STRATEGIC TECHNOLOGY & APPLICATION S&T MINISTRY OF ENERGY, SCIENCE, TECHNOLOGY, ENVIRONMENT & CLIMATE CHANGE (MESTECC)





**CORAL TRIANGLE** 

INITIATIVE

AND FOOD SECURITY

ON CORAL REEFS, FISHERIES







## **Topic Outline**

- ✓ Technical Working Group Members / Focal Points
- ✓ Progress/Achievements Towards NPOA
  - > Goal 1: Seascapes
  - > Goal 2: EAFM
  - Goal 3: MPAs
  - > Goal 4: CCA
  - > Goal 5: Threatened Species
- Constraints/Issues/Challenges Affecting Implementation of Identified Activities
- ✓ National Roadmap 2019
- ✓ Way Forward
- ✓ Potential Regional Program & Support Required
- ✓ Documents/Materials/Publications
- ✓ Other Remarks

#### **Technical Working Group Members / Focal Points**



TWG	FOCAL POINT
Seascapes	Department of Fisheries, Sabah, Ministry of Agriculture & Food Industry Sabah (MAFI)
EAFM	Department of Fisheries, Sabah, Ministry of Agriculture & Food Industry Sabah (MAFI)
MPAs	Sabah Parks, Ministry of Tourism, Culture & Environment Sabah
CCA	Strategic Technology and S&T Application Division, Ministry of Energy, Science, Technology, Environment and Climate Change (MESTECC)
Threatened Species	Department of Fisheries, Ministry of Agriculture & Agro-based Industry Malaysia (MoA)









GOAL 1: PRIORITY SEASCAPE	S DESIGNATED & E	FFECTIVELY MANA	GED
ACTIVITIES	DATE & VENUE	NPOA	RPOA
Multilateral Meeting on Nomination of Lesser Sunda & Bismarck Solomon Seas Ecoregion as Priority Seascapes	April and October, Jakarta, Indonesia	Target 2 Action 2 and 3	Target 2 Action 2 and 3
Seascape capacity-building and learning mechanisms: Sulu-Sulawesi Regional Convergence Meeting	July, Philippines	Target 2 Action 2 and 10	Target 2 Action 2, 3 and 4
Finalize SWG Rules of Procedures and meeting protocols	October, Indonesia	Target 2 Action 1,4 and 5	Target 2 Action 2 and 3
Fifth (5 <sup>th</sup> ) CTI-CFF Seascapes Working Group Meeting	October, Indonesia	Target 2 Action 1, 4 and 5	Target 2 Action 2,3 and 4

#### Sulu-Sulawesi Seascape Project





#### GOAL 2: ECOSYSTEM APPROACH TO MANAGEMENT OF FISHERIES & OTHER MARINE RESOURCES FULLY APPLIED (EAFM)

ACTIVITIES	DATE AND VENUE	NPOA	RPOA
Essential EAFM Training for Stakeholders	March & July, Sabah	Target 2 Action 10 and 11	Target 2 Action 3
Essential EAFM Training	June and Sept, Sabah	Target 2 Action 10 and 11	Target 2 Action 3
EAFM for Secondary School	Oct, Sabah	Target 2 Action 10 and 11	Target 2 Action 3
EAFM Pitas Consultation for Anchovies	March, Sabah	Target 2 Action 1, 10 and 11	Target 2 Action 2 and 3
EAFM Approach to Semporna Shark Conservation and Awareness	May, Sabah	Target 1 and 4 Action 1,10, 11 and 13	Target 1 Action 1 and 2
EAFM Consultation for Anchovies for Fishermen from Pitas and Tawau	June, Sabah	Target 2 and 4 Action 1, 10 and 11	Target 2 Action 2 and 3
The 3 <sup>rd</sup> stakeholder consultation for EAFM Community Research Project for Small Pelagic	October, Sabah	Target 1 Action 1 and 14	Target 2 Action 2 and 3



GOAL 3: MARINE PROTECTED AREAS (MPAs) ESTABLISHED AND EFFECTIVELY MANAGED

ACTIVITIES	DATE AND VENUE	NPOA	RPOA
13th Meeting for Turtle Islands Heritage Park JMC	July, Philippine	Target 1 Action 6, 7 and 11	Target 1 Action 4, 5 and 6
MOU Signing with Universiti Malaya (UM) for joint benefits in research	February	Target 1 Action 7, 12, 13, 16, 17 and 19	Target 1 Action 3, 5 and 6
Action Plan for Elimination of Fish Bombing in Tun Sakaran	Tun Sakaran Park, Semporna	Target 1 Action 4	Target 1 Action 1, 3, and 4













#### **GOAL 4: CLIMATE CHANGE ADAPTATION MEASURES ACHIEVED**

ACTIVITIES	DATE AND VENUE	NPOA	RPOA
5th CTI-CFF Climate Change Adaptation Working Group Regional Exchange and Grant-Writing Workshop	10-13 April Kota Kinabalu, Sabah	Target 2 Action 1	Target 2 Action 1
Students Exchange Programme Ludwig Maximilian University, Munich Germany and Borneo Marine Research Institute, University Malaysia Sabah	February, Sabah	Target 1 Action 15 and 16	Target 1 Action 1, 3 and 5
International Conference on Marine Science and Aquaculture (ICOMSA) 2018	March, Sabah	Target 1 Action 1, 2, 3 and 13	Target 1 Action 3, 4 and 5
Grant Opportunities Workshop (EU Horizon 2020 and Other Opportunities)	March, Sabah	Target 1 Action 1, 2, 3 and 13	Target 1 Action 3, 4 and 5
Youth Climate Change Training Camp #POWERSHIFTSABAH2018	July, Sabah	Target 1 Action 15 and 16	Target 1 Action 1,3 and 5
Coral Triangle Day 2018 in conjunction with the Marine Biodiversity Awareness Week (MBAW) 2018	July, Sabah	Target 1 Action 15 and 16	Target 1 Action 1,3 and 5
Marine BioD Edu-Station in conjunction with Marine Biodiversity Awareness Week (MBAW)	July, Sabah	Target 1 Action 15 and 16	Target 1 Action 1,3 and 5



#### GOAL 5: THREATENED SPECIES STATUS IMPROVING

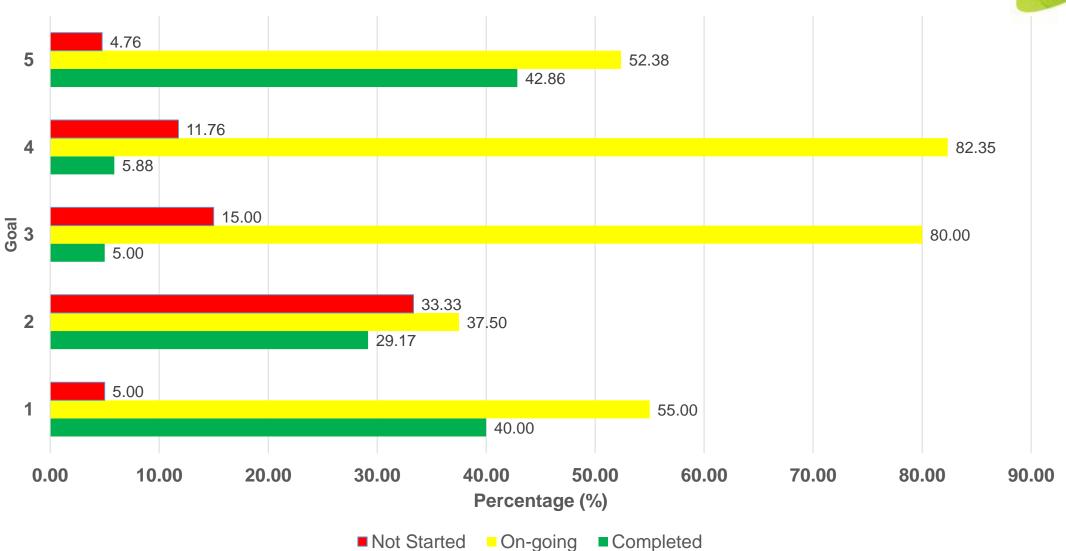
ACTIVITIES	DATE AND VENUE	NPOA	RPOA
CTI-GIZ Project, Semporna: Stakeholder Engagement of EAFM Project for Sharks Conservation	May, Sabah	Target 1 Action 2, 11,15, 16,17 and 19	Target 1 Action 1, 2, 8 and 9
1 <sup>st</sup> Technical Working Group on Threatened Species chaired by Deputy General Director (Development)	November, Putrajaya	Target 1 Action 10, 11 and 16	Target 1 Action 6, 8 and 9







## **Status of NPOA**



**NPOA STATUS YEAR 2018** 

#### II. Constraints/Issues/Challenges Affecting Implementation of Identified Activities



- 1. There is a need to translate the principles and concepts into policies and tangible projects
- 2. Limited resources
- Knowledge
- Manpower
- Financial
- 3. Stakeholders participation at all level

### III. National Roadmap 2019



- 1. Develop concrete joint management action/plans based on connectivity and characteristics between the Sulu-Sulawesi countries;
- 2. Endorsement of the Sulu-Celebes (Sulawesi) Large Marine Ecosystem Regional Strategic Action Plan for Sustainable Fisheries Management for GEF International Waters (GEF IW) funding (facilitated by UNDP with assistance from CI).
- 3. Expansion of all current MPAs & introduce 3 new MPAs; 2.041 million ha in total (14.3% Aichi goal)
- 4. Third round of CTMPAS nomination recognition of effective managed
- 5. Workshop on adaptation to climate change within the Coral Triangle (CT) area: the role of Ecosystembased Adaptation (EAB)
- 6. Blue Carbon Workshop/Activities
- 7. Climate Change Seminar
- 8. Establishment "Network National Centers of Excellence (COE) on CCA"
- 9. Seminar on Goal 5 Threatened Species and Status Improving in CTI Areas

### III. National Roadmap 2019



**NPOA Review** 

- > Malaysia has not yet review NPOA.
- ≻The review will be conducted after RPOA review.

## **IV. Way Forward**



Malaysia is committed in achieving all NPOA targets until later review.

### V. Potential Regional Program & Support Required



Request support to move forward with:

- 1. Mobilizing the process for finalizing country commitment for Sulu-Celebes (Sulawesi) Large Marine Ecosystem Regional Strategic Action Plan for Sustainable Fisheries Management for GEF International Waters (GEF IW) funding (facilitated by UNDP with assistance from CI).
- 2. Support for the OCEANS USAID Sulu Sulawesi EAFM Sub-Regional Plan to be deliberated at and approved by SOM14.

Request for resources and assistance to move forward with:

- 1. Socializing and build support for COASTFISH initiatives to craft a national COASTFISH framework and programs.
- 2. Mobilizing the process for finalizing country commitment for the implementation of the Regional Strategic Action Plan (RSAP) through GEF7.
- 3. Support for the USAID OCEANS 'Sulu Sulawesi EAFM Sub-Regional Plan for Managing Transboundary Fisheries in the Sulu-Sulawesi Seas''

#### **VI. Documents/Materials/Publications**





BOOK, AUGUST 2018

August 2018

EAFM FACT SHEET

#### SULU SULAWESI SEASCAPE PROJECT Coral Triangle Initiative - Gesellschaft für Internationale Zusammenarbeit (CTI-GIZ)

Ecosystem Approach to Fisheries Management Project (EAFM)

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The German Government through the non-governmental organization Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) provided funding for EAFM capacity development and EAFM consultations program for fisheries management implemented by the Conservation & International Office, Department of Fisheries, Sabah. The project funds are channeled through WWF Malaysia. The project was created to support the implementation of the Regional Plan of Action (RPOA) of the Coral Triangle Initiative on Coral Reefs, Fisheries and Food Security (CTI-CFF) in the waters of Sulu Sulawesi. The first phase of this project was carried out in 2017 and the second phase was implemented throughout January – July 2018.

A CONTRACTOR OF			
	SULU-SULAWESI SEASCARE Premerent		
The main objective of this project	ACTIVITIES	DATE	STAKEHOLDERS INVOLVED
s to introduce sustainable	EAFM CAPACITY BUILDING		
isheries management to		23-26 May 2017	DoFS, KTCS, fishers, Sandakan fish traders
ishermen through EAFM.		6-8 March 2018	Fishers from Sandakan and Mantanani
ishermen through EAFM.		6-8 March 2018 24 - 29 June 2018	Fishers from Sandakan and Mantanani DoFM, Universities, Government agencies, NSOs
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During the EAFM consultation process, information on fisheries ssues and challenges has been obtained from fishers and industry		24 – 29 June 2018	DoPM, Universities, Government agencies, NSOs Bagang (anchovies) operators (Tawau & Pitas), traditional fibhers (P. Mantanani), Sae Cocumber Cage operators (Mapan
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#### **VI. Documents/Materials/Publications**

E-ISSN 2550-1909

#### **Research Article**

#### Seagrass Meadow Impacts on Universiti Malaysia Sabah (UMS) Beach, Kota Kinabalu Sabah (Malaysia)

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#### Abstract

Seagrass meadow is known for its contribution as a habitat, ability to attenuate the wave's energy and as natural protection for the beach. The coastline of Universiti Malaysia Sabah (UMS) consists of important coral reef and seagrass ecosystems. Seagrass meadow is found at the northern part of the UMS beach at an area known as the Outdoor Development Centre (ODEC) while patchy coral reefs are found at the deeper part of the shoreline. The objectives of this study are to determine the beach profile and sediment characteristics of UMS-ODEC beach during the Southwest and Northeast monsoons and to compare the beach profile at areas where seagrass meadow is present and exposed beach area to the open sea. Beach profiling measurement was done at the three transects placed perpendicular to the UMS-ODEC beach. Transects 1 was with presence of seagrass and transects 2 and 3 were without seagrass. Sediment samples were taken at each transect for sediment characteristics identification. The assessment was done at an interval of every two month starting from May 2016 to March 2017. Beach profile elevation of UMS-ODEC Beach is higher during the Northeast monsoon than during the Southwest monsoon. It was also identified that large accretion happened at transects 1 and 2 between the month of July 2016 and September 2016 and between the month of January 2017 and March 2017. The erosion process happened at all transects between the month of September 2016 and November 2016 during the peak of the Southwest monsoon and continued to erode between the month of November 2016 and January 2017 during .. .. ..

CCA JOURNAL, AUGUST 2018

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#### Coastal Environmenta Profile Sulu Sea, Sabah, Malaysia

#### **IN PRESS**, 2018

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### **VII. Other Remarks**

5<sup>th</sup> Regional Business Forum

 Malaysia withdraw from hosting the forum Handover Chairmanship of CCA WG

•Malaysia is ending the term of Chairmanship of CCAWG and will handover to Philippine Handover Chairmanship of Seascape WG

 Malaysia will takeover chairmanship from Indonesia. Solomon Islands will act as Vice-Chairman

#### TERIMA KASIH - MARAMING SALAMAT TANK IU- OBRIGADO TAGIO TUMAS







Photo credits: IYORBank\_Rebecca Weeks and Yen-Yi Lee