

SOM14

14th 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)

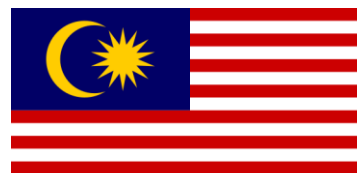


**CORAL TRIANGLE
INITIATIVE**
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY



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Regional Secretariat



Topic Outline



- ✓ **Technical Working Group Members / Focal Points**
- ✓ **Progress/Achievements Towards NPOA**
 - **Goal 1: Seascapes**
 - **Goal 2: EAFM**
 - **Goal 3: MPAs**
 - **Goal 4: CCA**
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- ✓ **Constraints/Issues/Challenges Affecting Implementation of Identified Activities**
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- ✓ **Documents/Materials/Publications**
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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)



I. Progress/Achievements Towards NPOA

GOAL 1: PRIORITY SEASCAPES DESIGNATED & EFFECTIVELY MANAGED

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 th) 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



I. Progress/Achievements Towards NPOA

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 rd stakeholder consultation for EAFM Community Research Project for Small Pelagic	October, Sabah	Target 1 Action 1 and 14	Target 2 Action 2 and 3



I. Progress/Achievements Towards NPOA



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



I. Progress/Achievements Towards NPOA

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



I. Progress/Achievements Towards NPOA



GOAL 5: THREATENED SPECIES STATUS IMPROVING

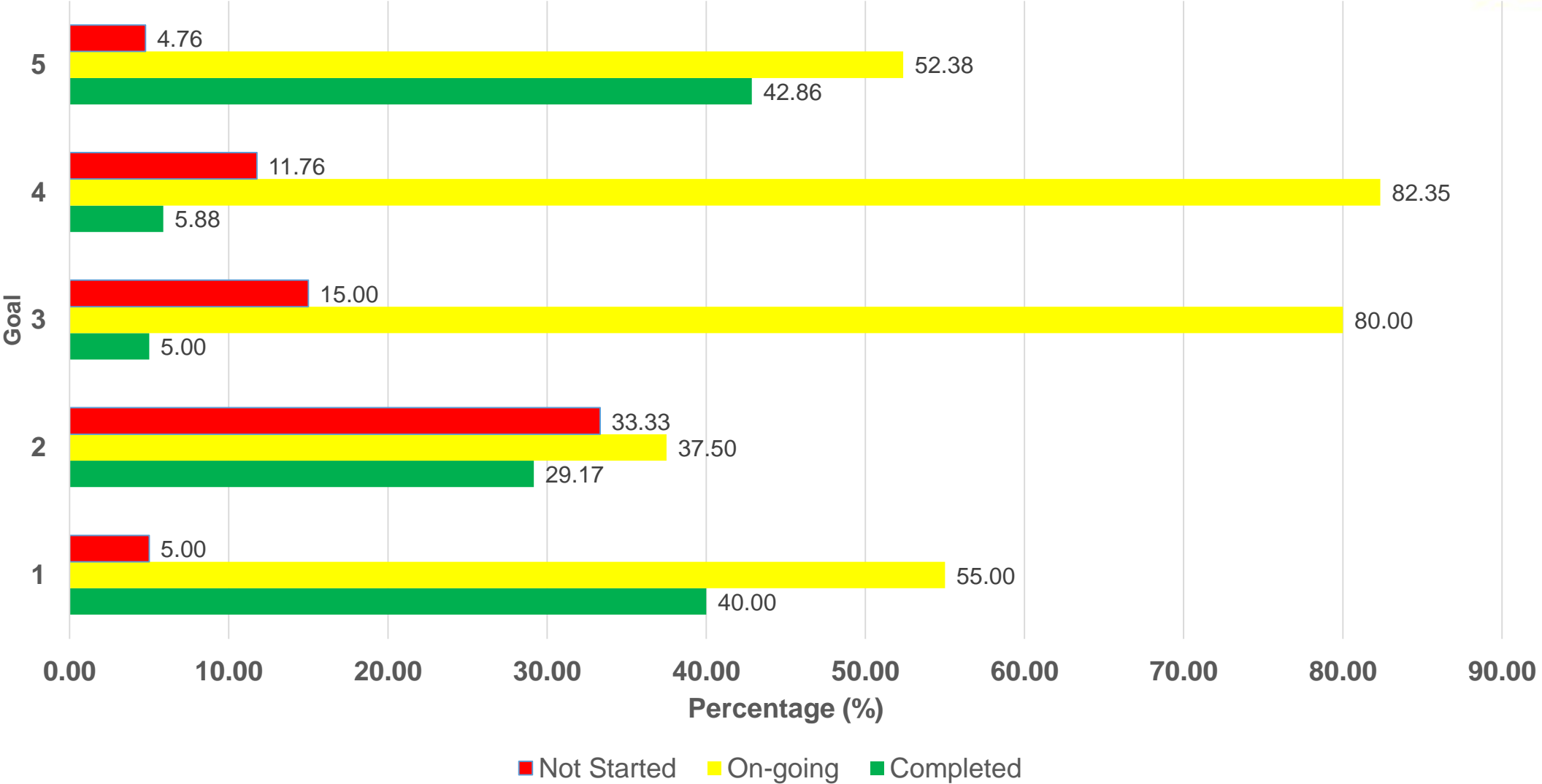
ACTIVITIES	DATE AND VENUE	NPOA	RPOA
CTI-GIZ Project, Semporna: Stakeholder Engagement of EAFM Project for Sharks Conservation	May, Sabah	Target 1 Action 2, 11,15, 16,17 and 19	Target 1 Action 1, 2, 8 and 9
1 st Technical Working Group on Threatened Species chaired by Deputy General Director (Development)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



SULU SULAWESI SEASCAPE PROJECT

**Coral Triangle Initiative - Gesellschaft für Internationale Zusammenarbeit (CTI-GIZ)
Ecosystem Approach to Fisheries Management Project (EAFM)**

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.

The main objective of this project is to introduce sustainable fisheries management to fishermen through EAFM.

During the EAFM consultation process, information on fisheries issues and challenges has been obtained from fishers and industry players. It also provides opportunity to build networks between fishers, traders, local authorities, universities, private and government agencies.

Reports and data collected supports policymakers and DoFS in decision making. Indirectly, this also contributes to economic wellbeing, enhancing understanding and awareness of coastal communities about the importance of marine ecosystems.

ACTIVITIES	DATE	STAKEHOLDERS INVOLVED
EAFM CAPACITY BUILDING		
Consultation for EAFM (Mantawan, Sandakan)	23-26 May 2017	DoFS, KTCS, fishers, Sandakan fish traders
Consultation for EAFM (Tawau, Pitas)	6-8 March 2018	Fishers from Sandakan and Mantawan
Consultation for EAFM (Kota Kinabalu)	24 - 29 June 2018	DoFM, Universities, Government agencies, NGOs
Consultation for EAFM (Sandakan)	23 - 26 July 2018	Bagang (anchovies) operators (Tawau & Pitas), traditional fishers (Mantawan), Sea Cucumber Cage operators (Mapan Mapan, Pitas)
EAFM MARINE RESOURCE MANAGEMENT		
1 st Consultation for EAFM (Tawau, Pitas)	14 July 2017	DoFS, WWF, Bagang (anchovies) operators, Tawau
1 st Discussion for Marine Resource Management (Mantawan)	27 July 2017	DoFS, WWF, traditional fishers from Mantawan
1 st Consultation for the conservation and awareness of fishers (Sandakan)	7 August 2017	DoFS, DoFM, enforcement agencies, WWF, UMS, fishers from Sandakan
1 st Consultation for EAFM (Tawau, Pitas)	16 August 2017	DoFS, WWF, Bagang (anchovies) operators, Tawau
2 nd Discussion for Marine Resource Management (Mantawan)	5 September 2017	DoFS, WWF, traditional fishers from Mantawan
1 st Consultation for the conservation and awareness of fishers (Sandakan)	14 September 2017	DoFS, DoFM, Enforcement agencies, WWF, UMS, fishers from Sandakan
1 st Discussion for Marine Resource Management (Mantawan)	7-8 November 2017	DoFS, DoFM, Petronas, Shell, Tourism Industry, Traditional fishers from Mantawan, State Agencies
1 st Consultation for EAFM (Tawau, Pitas)	27 March 2018	DoFS, WWF, Bagang (anchovies) operators from Pitas
1 st Consultation for the conservation and awareness of fishers (Sandakan)	23 May 2018	DoFS, DoFM, Enforcement agencies, District Office, WWF, UMS, fishers from Sandakan and Sandakan
Continued Consultation for management of anchovies with stakeholders from Pitas and Tawau	7 June 2018	DoFS, WWF, Bagang (anchovies) operators from Tawau and Pitas, Enforcement agencies, State and Federal agencies.

EAFM FACT SHEET

Climate Change Vulnerability Assessment of Tun Mustapha Park, Sabah

WWF-Malaysia Tun Mustapha Park Project Report with Universiti Malaysia Sabah

August 2018

BOOK, AUGUST 2018

VI. Documents/Materials/Publications



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Research Article

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

Azureen Murshidi¹, Yap Tzuen Kiat¹, John Barry Gallagher⁴, Ejria Saleh^{1,2,3*}

¹Borneo Marine Research Institute, Universiti Malaysia Sabah, Jalan UMS, 88400 Kota Kinabalu, Sabah, Malaysia

²Natural Disasters Research Centre, Universiti Malaysia Sabah, Jalan UMS, 88400 Kota Kinabalu, Sabah, Malaysia

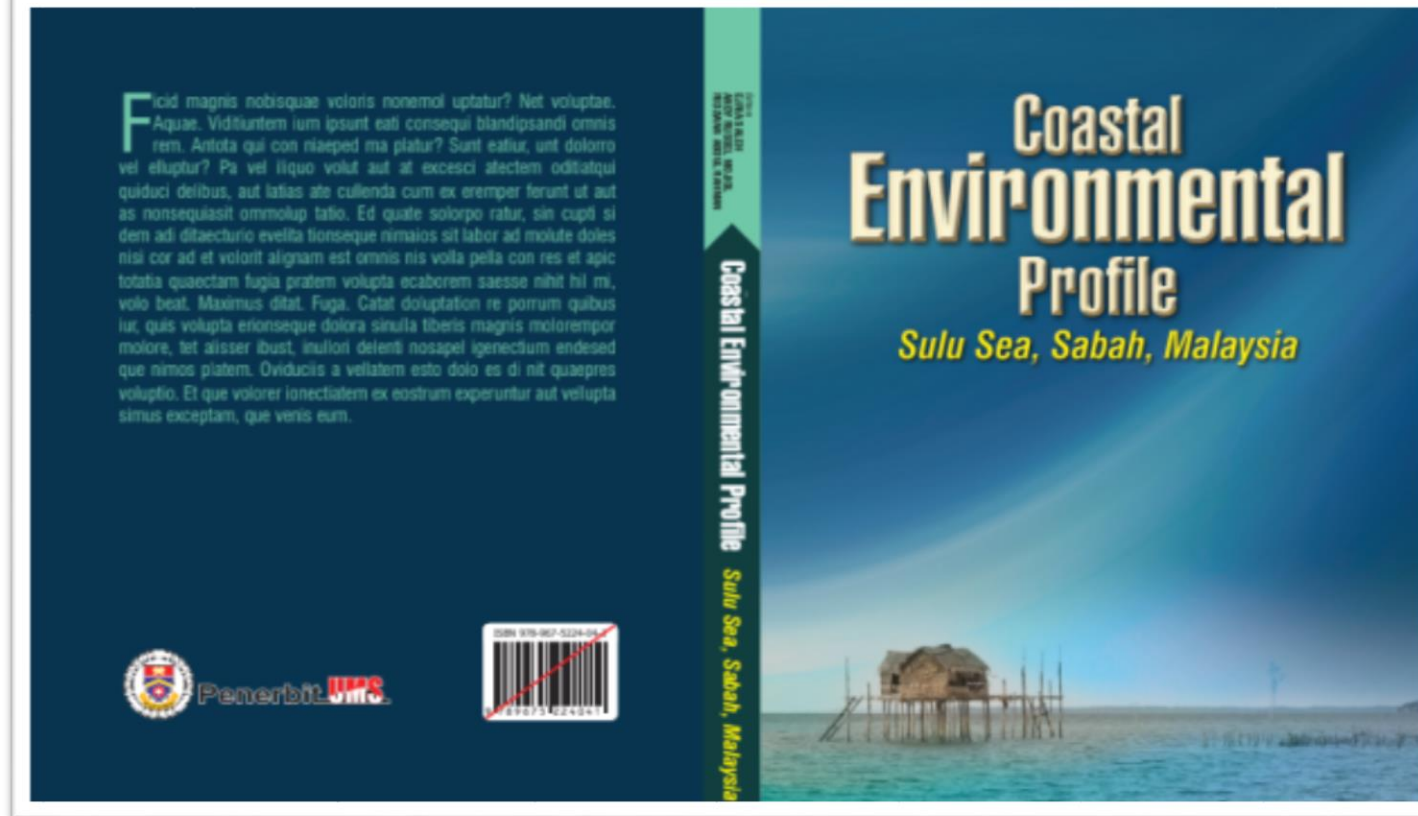
³Small Islands Research Centre, Universiti Malaysia Sabah, Jalan UMS, 88400 Kota Kinabalu, Sabah, Malaysia

⁴Centre for Marine & Coastal Studies (CEMACS), Universiti Sains Malaysia, 11800 USM, Penang, Malaysia.

*Corresponding Author: ejrsaleh@ums.edu.my

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



IN PRESS, 2018

VII. Other Remarks



5th 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 Seascope 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