

THE EAST ASIAN SEAS CONGRESS



Charting a New Decade of Healthy Ocean, People and Economies

1-2 DECEMBER 2021 • Hosted by the Royal Government of Cambodia

Collab 18

2021 Joint PNLG-PNLC Learning Forum

18 November 2021, 1:00 PM – 4:00 PM (GMT+7)

Online via Voov

ORGANIZERS:



Partnerships in Environmental Management
for the Seas of East Asia (PEMSEA)
Resource Facility



PEMSEA Network of Local
Governments (PNLG) Secretariat



Coastal and Ocean Management Institute
(COMI), Xiamen University (XMU)



Xiamen Marine International
Cooperation Center (XMICC)

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PROCEEDINGS

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1.0 Introduction

The 2021 PNLG-PNLC Joint Learning Forum was held virtually on 18 November 2021 using VooV conference call (Tencent Conference call). The joint learning forum was co-organized by the Partnerships in Environmental Management for the Seas of East Asia (PEMSEA) Resource Facility, PEMSEA Network of Local Governments (PNLG) Secretariat, Coastal and Ocean Management Institute (COMI), Xiamen University, and Xiamen Marine International Cooperation Center (XMIICC). It was the first time the PEMSEA's Network of Learning Centre (PNLC) and PNLG collaborated to jointly discuss capacity development support for integrated coastal management (ICM) as part of this year's annual World Ocean Week.

With the theme, "Integrated Coastal Management implementation for the new generation of coastal managers and practitioners in the coming decade", the PNLG-PNLC Joint Learning Forum gathered close to 100 PNLG and PNLC members from Cambodia, China, Indonesia, Japan, Malaysia, Philippines, Singapore, Thailand, Timor Leste, Vietnam, participating online.

The PNLG Secretariat based in Xiamen and PEMSEA Resource Facility (PRF) served as the Secretariat for the forum.

The program of activities, list of participants and group photos can be found in Annexes 1, 2, and 3, respectively.

2.0 Opening Ceremony

Professor Qinhua Fang, Deputy Director of Coastal and Ocean Management Institute (COMI), Xiamen University, and the Deputy Secretary General of the PNLG Secretariat served as the Overall Moderator for the forum. Prof. Fang welcomed the participants to the PNLG-PNLC Joint Learning Forum on behalf of the organizers. He invited the PNLG President Mdm. Noraini Binti Roslan, and the PNLC President Dr. Wansuk Senanan to deliver their opening and welcoming remarks, respectively.

On behalf of the PNLG, Mdm. Noraini Binti Roslan, PNLG President and Mayor, Subang Jaya Municipal Council, Malaysia, welcomed the local chief executives and delegates to the forum. She expressed her appreciation to PEMSEA, PNLG Secretariat, COMI of Xiamen University, and XMIICC for organizing the very first PNLG-PNLC Joint Learning Forum on ICM. Mdm. Roslan highlighted the continuous upscaling of ICM in the coming decade which is believed to be very crucial in enabling the future generation of coastal managers and practitioners to learn and understand the ICM concept, principles, framework, processes and tools that are required to contribute in achieving the 2030 UN SDG targets. She also acknowledged the goal of the forum which is to enhance the knowledge enhancement of future generations of coastal managers and practitioners on the development implementation and demonstration of ICM in the

coming decade. In addition, she stressed that to achieve this goal, participation in capacity development and information sharing are key. In closing, Mdm. Roslan wished the PNLG-PNLC joint learning forum a success and officially declared the forum open.

On behalf of the PNLC, Dr. Wansuk Senanan, PNLC President and Assistant Professor, Burapha University, Thailand delivered her opening remarks. Dr. Senanan congratulated the PNLC members for helping transform the ICM concept and principles into on-the-ground practices over the past decade and helping generate ICM managers that serve as front liners in coastal management efforts. She noted the significant accomplishments of PEMSEA in the application of tools and methodologies in ICM and the good practices that were generated in the past decades and encouraged everyone to continue building on the existing networks of local government and learning centers to prepare for the coastal management challenges in the near future. In closing, Dr. Senanan expressed gratitude to the forum organizers, the PEMSEA Resource Facility, PNLG Secretariat, COMI at Xiamen University, and XIMCC, and wished everyone a successful workshop.

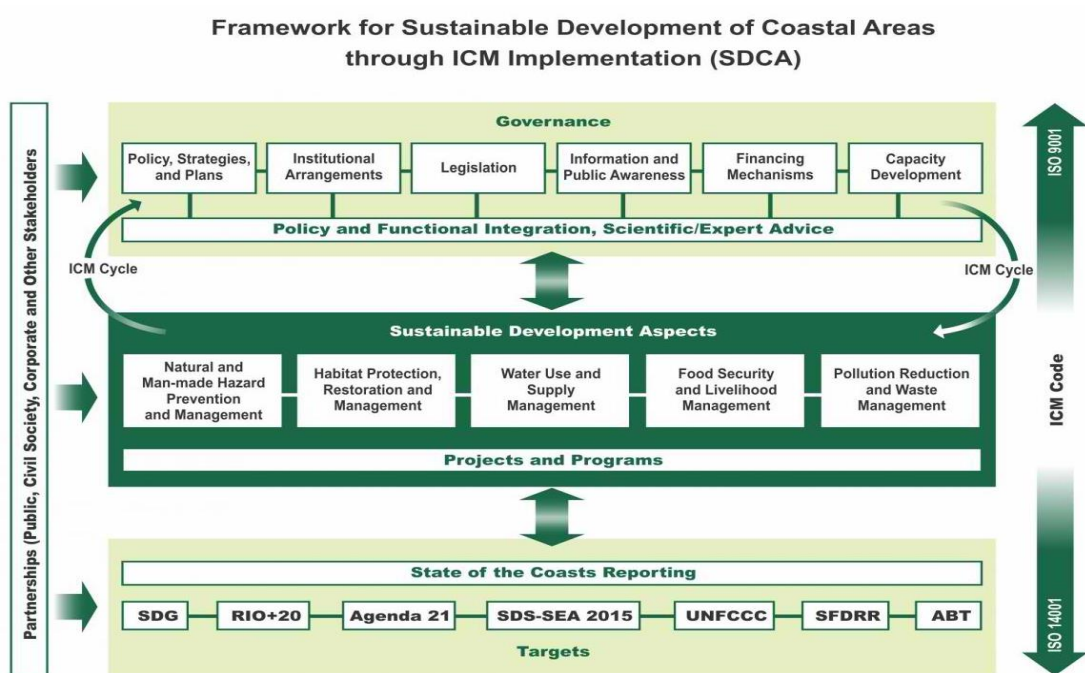
Professor Fang thanked Mdm. Roslan and Dr. Senanan for their messages. He elaborated on following objectives of the forum, which revolved around the theme, “ICM Implementation for The New Generation of Coastal Managers and Practitioners in the Coming Decade”: a) to provide coastal managers, practitioners and researchers extensive knowledge on the history of ICM in the Seas of East Asia and allowing them to understand why ICM has been successful in the past; b) lessons learned and challenges encountered, and c) how ICM implementation can be further strengthened to continue providing integrated solutions for ocean and coastal management in the coming decades. Prof. Fang outlined the focus of the three sessions, which is comprised of two keynote speeches in Session 1 while Sessions 2 and 3 covered experience sharing from PNLC and PNLG members.

3.0 Session One: ICM Application and Scaling up in East Asia

3.1 Keynote Speech 1: Lessons Learned from Five Decades of Coastal Management in the Seas of East Asia

Dr. Chua Thia-Eng, Chair Emeritus, East Asian Seas Partnership Council of PEMSEA delivered the keynote speech entitled, “Lessons Learned from Five Decades of Coastal Management in the Seas of East Asia”.

Dr. Chua discussed what has been done, what worked and what did not in relation to coastal management in the Seas of East Asia in the past five decades. He stressed how global efforts have made significant progress in promoting the concept and principles of sustainable development. However, Dr. Chua cited that implementation at the local level was rather weak. He emphasized the role of ICM in on-the-ground implementation of sustainable development targets.



Process-Oriented common framework for sustainable development of coastal areas through ICM implementation

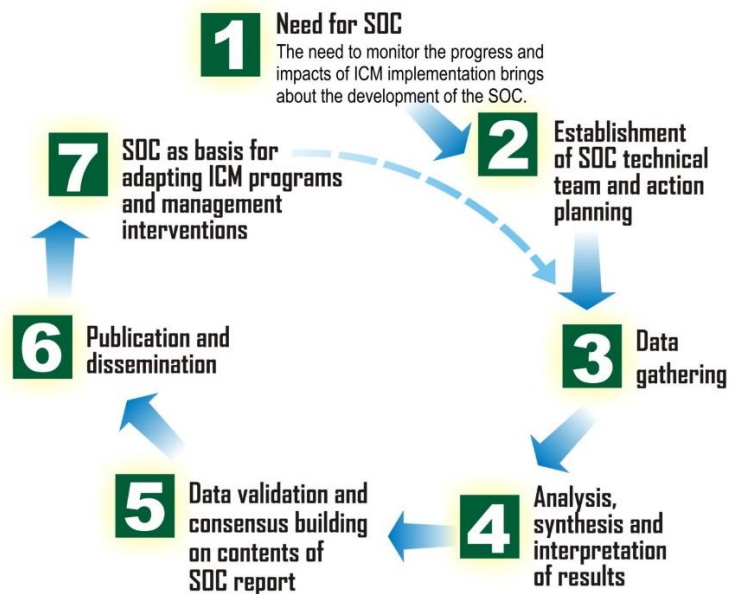
Dr. Chua noted that the ICM practices in the East Asian Region have evolved into an ICM system where the various stages of the ICM development and implementation cycle take into consideration the requirements of two prevailing international standards, the ISO 14001 (Environmental Management System) and ISO 9001 (Quality Management System). To ensure a more effective ICM program, Dr. Chua emphasized the role of local governments to take the driving seat. He also highlighted the need for national policy or legislation to provide the legal basis for ICM implementation at local level.



ICM Program Development and Implementation Cycle

For the development and implementation of ICM program, he highlighted that an integral part of the ICM program is building local management capacity through “learning by doing” and local technical capacity through participation in ICM and specialized training programs. He also noted that while funding is essential to developing and implementing ICM programs, it is not a limiting factor. Dr. Chua highlighted the need for partnership and collaboration among various partners and stakeholders as the environmental, social and economic challenges of the coastal and marine areas that serve as barriers to sustainable development are very complex such that efforts of the government alone are inadequate and oftentimes ineffective.

To enhance accountability in coastal governance, Dr. Chua cited the usefulness of the State of the Coast Reporting system for local governments which facilitates understanding of the impacts of ICM by measuring changes in socioeconomic and environmental conditions in a given site as ICM implementation progresses. He also mentioned that the ICM system provides an effective governance framework and operational process for addressing a wide range of issues that are confronted at the local level.



Steps for the development of SOC reports

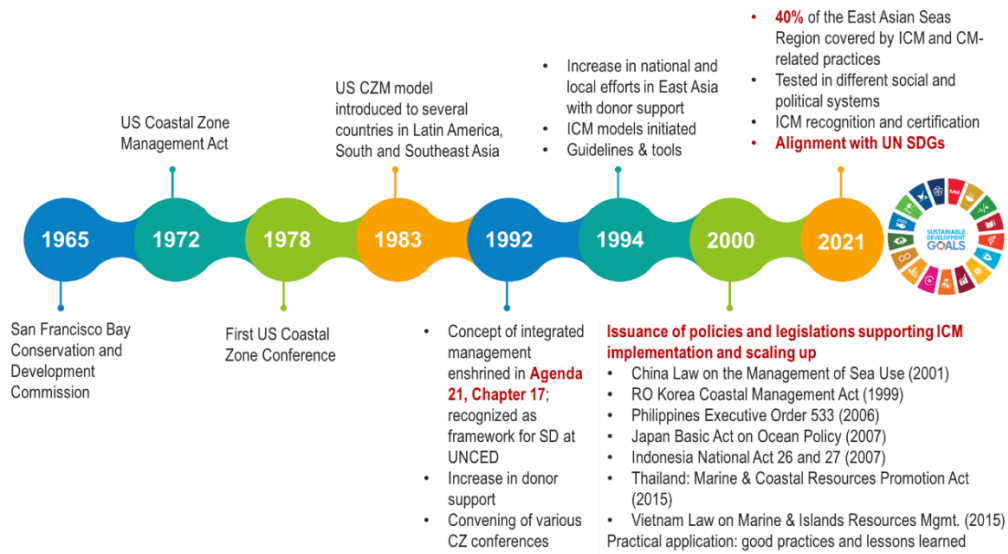
Dr. Chua underscored the need to harness political opportunities to facilitate geographic and functional scaling up of ICM, covering the watershed and more coastlines with ICM programs. He concluded his speech by stating an ICM system has a beginning but has no end and the practice continue to evolve to address emerging issues and concerns in the coasts and oceans.

3.2 Keynote Speech 2: ICM scaling up in the Seas of East Asia under the 2030 Decade of Action for Sustainable Development

Ms. Nancy Bermas, Senior Programme Manager of PEMSEA Resource Facility focused her presentation entitled, “ICM scaling up in the Seas of East Asia under the 2030 Decade of Action for Sustainable Development”, on how ICM scaling up in the East Asian region is responding to global targets for sustainable development with regional, national and local solutions including the capacity development support that is required for ICM upscaling.

Ms. Bermas traced the evolution of ICM concept and practices in East Asia starting with the introduction of the US coastal zone management model in the region in the 1980s up to the present where ICM and CM-related practices have covered an estimated 40 per cent of East Asian Seas region’s coastline. Ms. Bermas indicated that the role of ICM in achieving the SDGs was further confirmed with the adoption by the UN General Assembly during its 74th session in December 2019 the Resolution entitled, Strengthening Cooperation and Use of ICZM and Other Area-based Management Approaches for Achieving the UN SDGs and their Targets. She added that at the recently concluded 76th Session of the UNGA, UNEP submitted and presented the report on the implementation of the resolution which included the East Asian Seas where efforts in the region were highlighted particularly the policy issuances and reforms that facilitated the scaling up process. The report also highlighted the

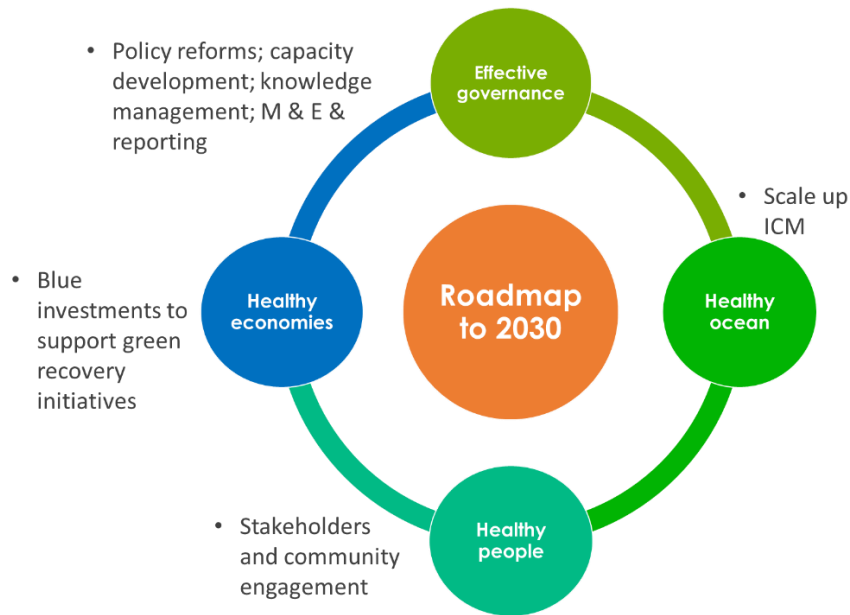
relevance of the ICM framework in addressing disaster risk reduction, conservation of carbon in coastal ecosystems, climate change resilience and pollution management as well as its complementation with marine spatial planning



Evolution of ICM concept and practice in East Asia

Ms. Bermas supported Dr. Chua’s discussion on the ICM framework and process emphasizing that the process is supported by a suite of core and specialized tools and methodologies some of which will be covered in Session 2 of the forum. She noted that the framework allows mainstreaming of ICM with other area-based management approaches such as marine spatial planning, integrated river basin management, ecosystem approach to fisheries management and source-to-sea to facilitate integration. She illustrated how mainstreaming is undertaken at the regional, national and local levels, confirming that ICM can serve as vehicle to deliver on the SDGs, particularly SDG 14 (life below water).

In line with the 2030 Decade of Action for Sustainable Development, Ms. Bermas indicated that PEMSEA in close coordination with its country and non-country partners and networks, including other key stakeholders and partners are in the process of crafting the 2030 Roadmap where ICM scaling up remains as the core strategy for the roadmap building on the 40 per cent ICM coverage with capacity development and knowledge management as enabling mechanisms to facilitate the scaling up process.



4.0 Session 2: Specialized Tools and Methodologies

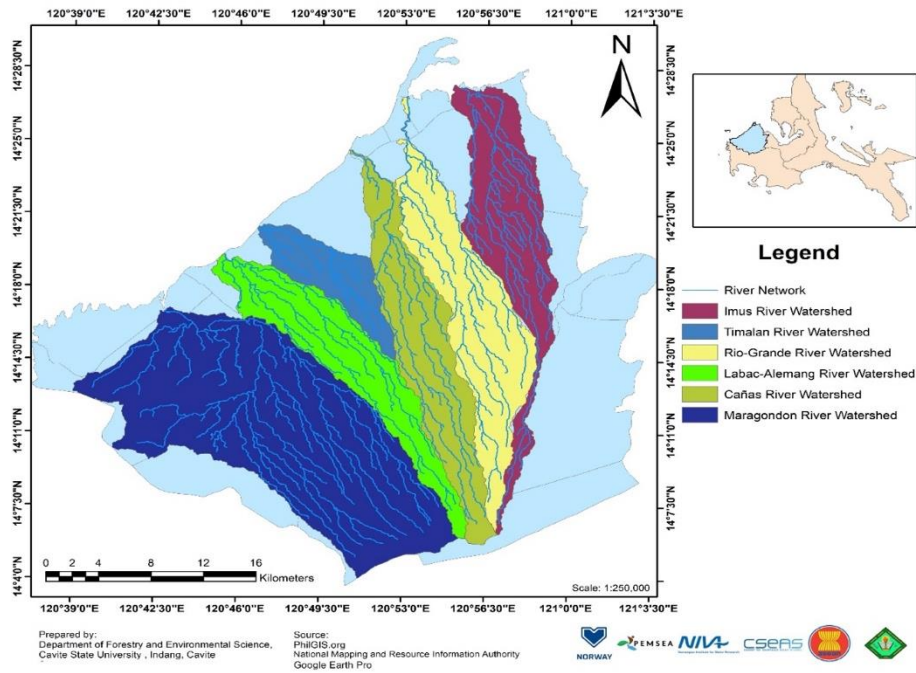
This session included three presentations on specialized tools and methodologies that were utilized to address specific management concerns to support policy and decision making for coastal sustainable development. Dr. Wansuk Senanan, PNLC President of PNLC and Assistant Professor, Burapha University, Thailand, served as Moderator for Session 2.

4.1 Presentation 1: Mapping and Characterization of Imus River Watershed Using GIS and RS and Mapping of Sources and Concentration of Plastic Wastes Generation in Imus River Watershed

Professor Noel Sedigo, Professor, Cavite State University, Philippines presented the results of a study conducted in Imus River watershed as part of the ASEAN Norwegian Cooperation Project on Local Capacity Building for Reducing Plastic Pollution in the ASEAN.

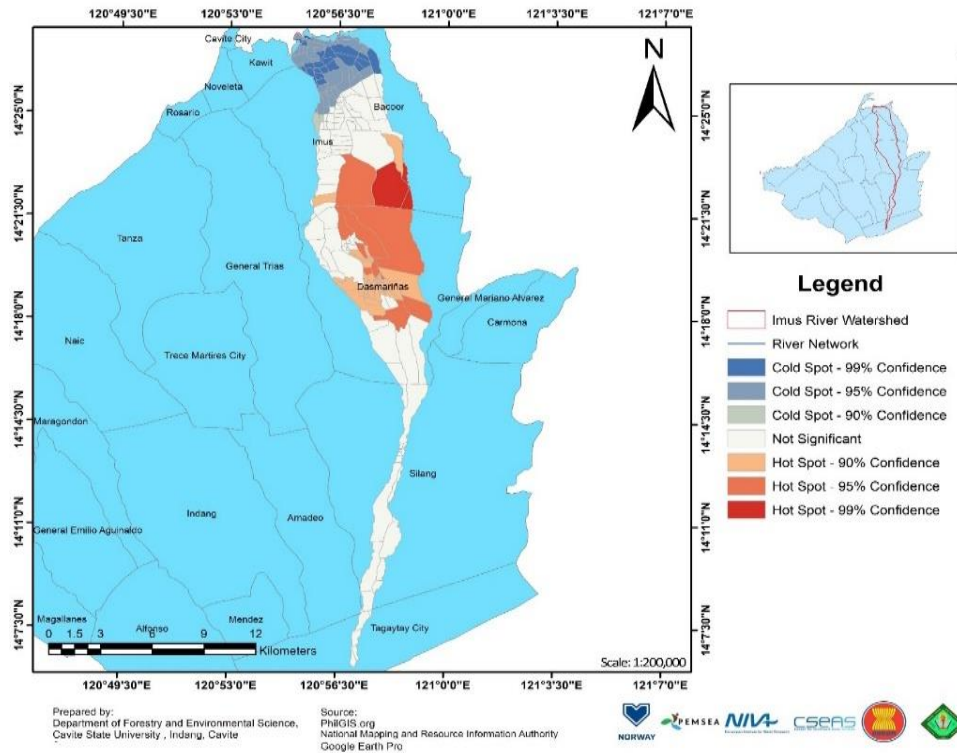
Prof. Sedigo described the methodology in mapping the boundaries of the watershed using a digital elevation model of Cavite Province with 5-meter resolution in ArcGIS. He also elaborated on the use of Remote Sensing technology in identifying the coordinates of major sources of wastes and the use of Google Imagery in preparing base maps that were imported and georeferenced in ArcMap. A 7-day waste characterization study in three selected barangays was conducted to determine the average amount of plastic waste generated per household. The data served as input data to run the hotspot analysis in ArcGIS and determine the plastic waste generation hotspots within the watershed.

ASEANO Six Major River Watersheds of Cavite



River Systems in the Province of Cavite, Philippines

The study was able to identify the different sources of wastes from residential, commercial, institutional and industrial sectors, the distribution of potential sources of plastic wastes in the watershed per sector, the locations of waste storage facilities and more specifically, the plastic waste generation per household and per capita in the 3 selected barangays. The study also revealed the hotspot and coldspots of plastic wastes sources based on population density.



Hot Spot Analysis for Plastic Wastes

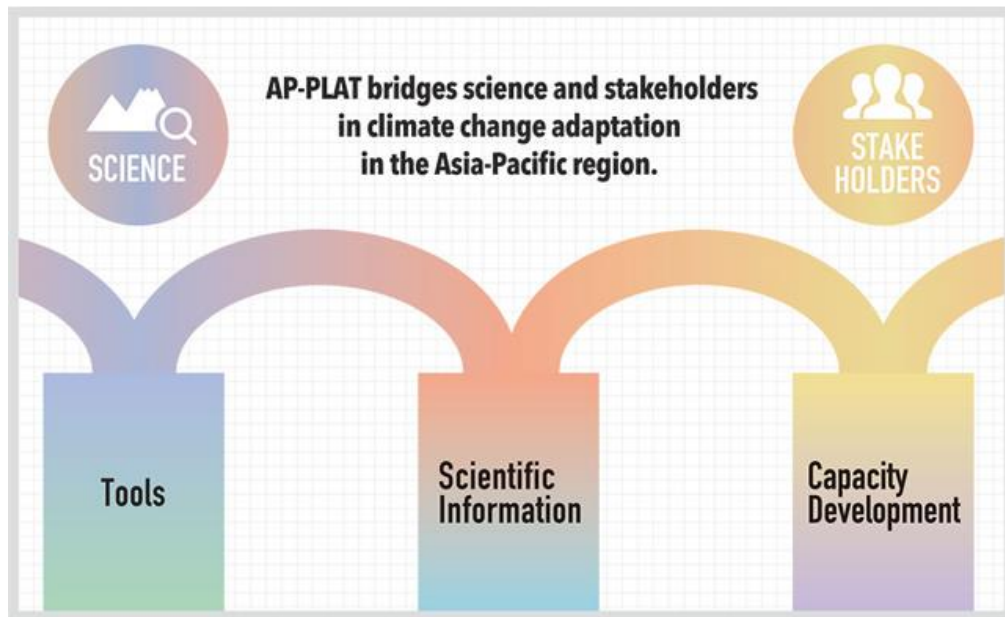
From the study, the following insights were provided: a) the watershed approach also known as integrated river basin management approach was an effective approach in assessing the role of river systems in transporting plastic wastes from terrestrial ecosystem into the sea/oceans; b) GIS and remote sensing application were very useful in the fast and efficient delineation of boundaries of the drainage area of Imus river watershed, pattern of stream flow, land use, land cover and identification of communities located within its boundaries including the identification and mapping of potential sources of plastic wastes within the watershed; c) the usefulness of hydro-climatic data for the hydrological modelling of plastic waste transport via Imus River, and d) the interventions to reduce plastic waste generation and leakages into the river system could be aimed at the hotspot areas of the watershed

4.2 Presentation 2: Toward Resilient Future: Asia-Pacific Climate Change Adaptation Information Platform (AP-PLAT)

Ms. Nagisa Shiiba, Policy Researcher, Adaptation and Water Area, Institute for Global Environmental Strategies, Japan, introduced the Asia-Pacific Climate Change Adaptation Information Platform (AP-PLAT), which was established on 16 June 2019 during the G20 Ministerial Meeting.

Ms. Shiiba elaborated on the mission of AP-PLAT which is to share relevant information and support adaptation measures in the Asia-Pacific region. She

explained the three core pillars of AP-PLAT activities, i.e., tools, scientific information and capacity development which are designed to help the people in the Asia-Pacific region prepare for the impacts of climate change.

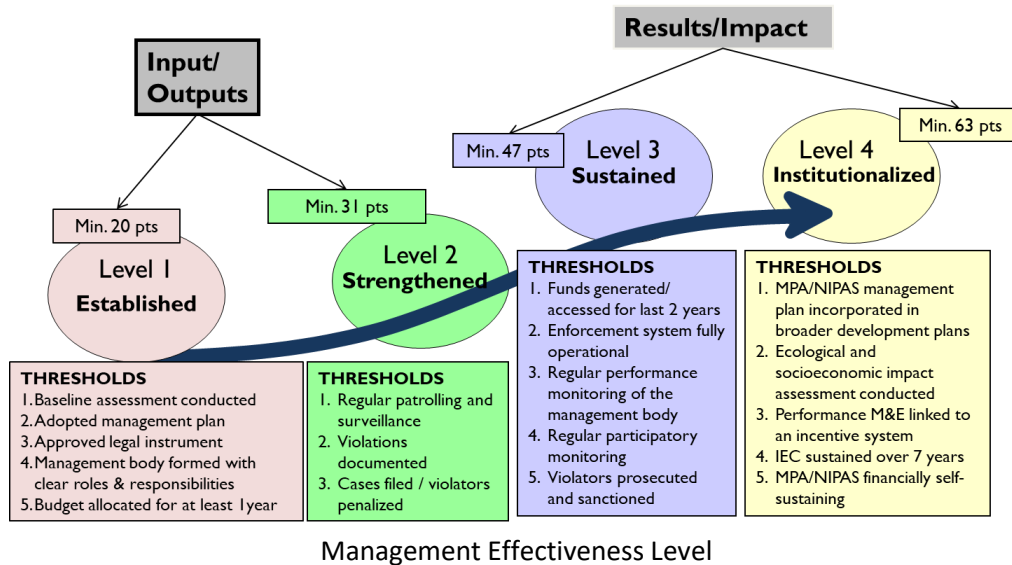


Three core pillars of AP-PLAT activities

Ms. Shiiba shared details on the launching of AP-PLAT's new web contents at COP26, particularly web contents for Capacity Development which included the newly developed IGES' products to support capacity development, i.e., Compound and Cascading Disaster Risk Training Package and the Nature-Based Solution Website and E-learning Course. She discussed the six major activities of the AP-PLAT Capacity Development Program which focuses on: a) networking of institutions; b) development and sharing of knowledge products; c) collaboration with existing training programs and implementation of supporting activities; d) establishment of new fund to support capacity building; e) launching of thematic capacity building courses, and e) promoting bottom-up climate adaptation actions. She concluded her presentation by identifying potential collaboration activities between the PNLG and PNLC.

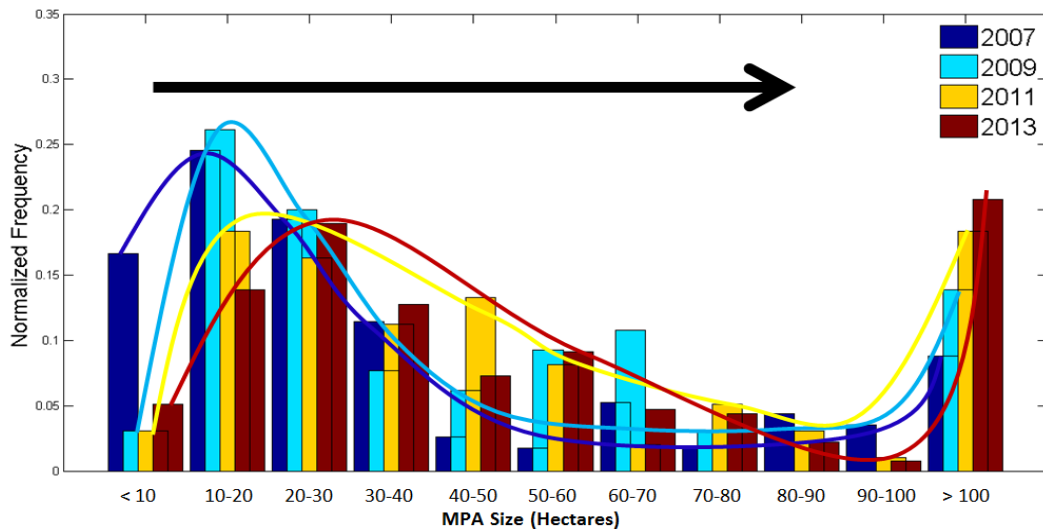
4.3 Presentation 3: Marine Protected Area Management Effectiveness Assessment Tool

Dr. Maria Vanessa Baria-Rodriguez, Assistant Professor, Marine Science Institute, University of Philippines, introduced the Marine Protected Area Management Effectiveness Assessment Tool (MEAT) as a monitoring and evaluation (M & E) tool to determine the effectiveness, efficiency and impacts of marine protected areas (MPA) to the environment and the community.



Dr. Baria-Rodriguez described the basic components of MEAT, which is comprised of community perception survey, site description/profile, assessment criteria according to the four management levels (i.e., established, strengthened, sustained and institutionalized) and the summary of results. She presented details on the application of the tool, when and where to apply, ways to interpret the results and the targeted users of the MEAT results. Sample MEAT results were shared showing the management levels achieved by various MPAs.

Some existing incentive systems for MPAs and MPA networks at the local level in the Philippines were shared, which encourages local governments to establish, maintain and manage their MPAs effectively. Dr. Baria-Rodriguez also introduced the Philippine MPA database which contains information on about 1,900 nationally and locally managed MPAs, 1,300 of which have been validated. In relation to Aichi target 11, the MPA coverage of approximately 41,000 km² in the Philippines is estimated to cover 6 percent of the territorial sea up to 12 nautical miles. While 41 per cent of the rated MPAs have reached Level 2, Dr. Baria-Rodriguez cited gaps in management focus, which included financing, monitoring and evaluation, site development, enforcement and creation of management body for consideration in improving MPA management.



Changes in MPA sizes over time

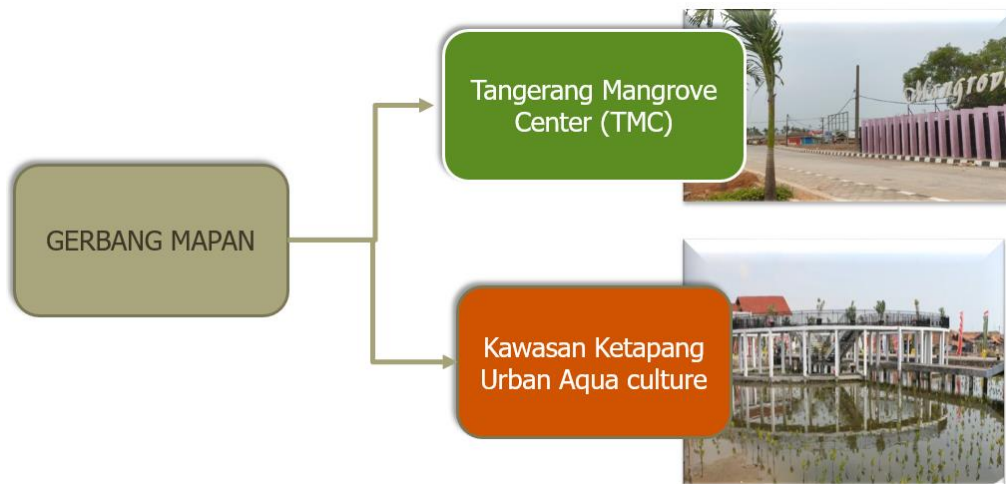
5.0 Session 3: Local Actions with Measurable Impacts

This session featured the experiences of selected PNLG members in implementing management programs as part of ICM implementation, including good practices and lessons learned. Dr. Ario Damar, Professor at Institut Pertanian Bogor, Indonesia, served as Moderator for Session 2.

5.1 Presentation 1: Mangrove Rehabilitation and Conservation Program In Tangerang Regency

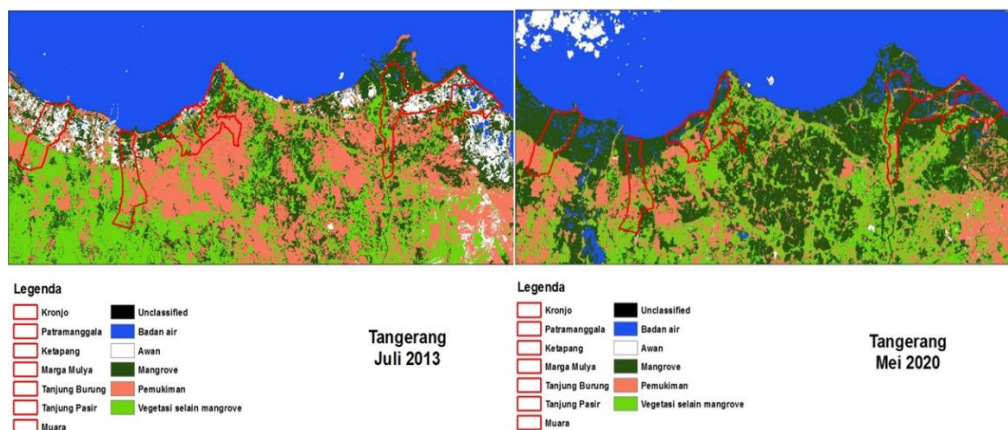
Mr. Erwin Mawandy, Head, Regional Planning Division Tangerang Planning Agency, Indonesia introduced Tangerang Regency's Gerbang Mapan Program or Coastal Community Development Movement, a multistakeholder-based program under the ICM program which is designed to accelerate the recovery of coastal ecosystems and community development. The presentation explored the process of involving multi-stakeholders in the success of the mangrove rehabilitation in Tangerang.

Mr. Mawandy presented the history of mangrove rehabilitation in Tangerang, the current state of mangroves in the area and described the key accomplishments of the Gerbang Mapan Mangrove Rehabilitation Program comprising of the establishment of the Tangerang Mangrove Center (TMC) and Kawasan Ketapang Urban Area Aquaculture. Planting of mangroves has been a major activity where at TMC, 20,000 and 428,612 mangrove seedlings have been planted in 2017 and 2019, respectively. At Ketapang Urban Aquaculture Area on the other hand, 200,000 mangrove seedlings have been planted, including the establishment of mangrove nursery. The necessary supporting facilities such as concreting of roads, building of bridges and parking facilities, area entrance landmarks, pedestrian areas and garbage disposal area have also been put in place.



GERBANG MAPAN Mangrove Rehabilitation

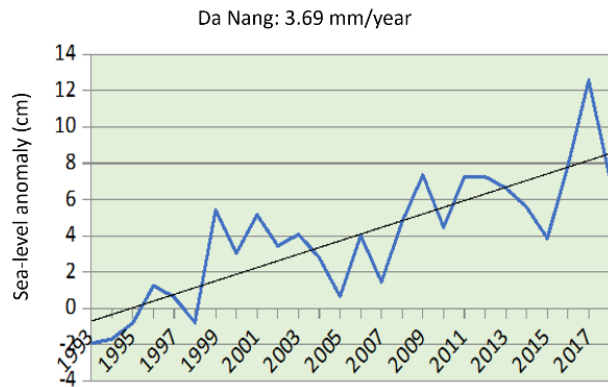
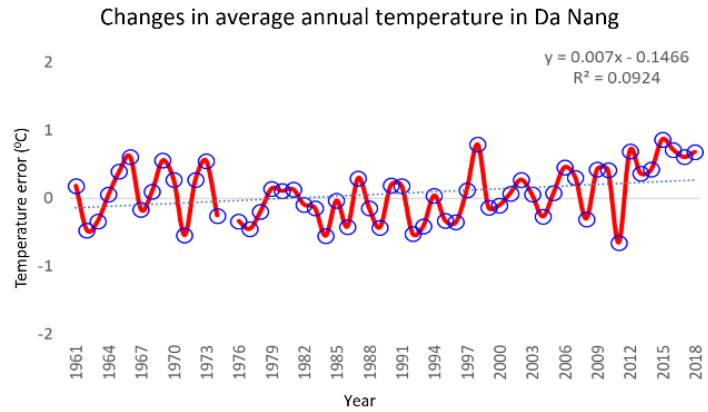
Mr. Mawandy cited that the Gerbang Mapan Program is characterized by multisector engagement in mangrove rehabilitation. The engagement of 11 partners have resulted to the planting of 720,000 mangrove seedlings belonging to 17 species. Youth engagement, increased public awareness and increased in coverage of rehabilitated coastal areas and ecosystems from 79.2 hectares in 2014 to 121 hectares in 2020 have been notable.



Changes in coastal resources between 2014 and 2020

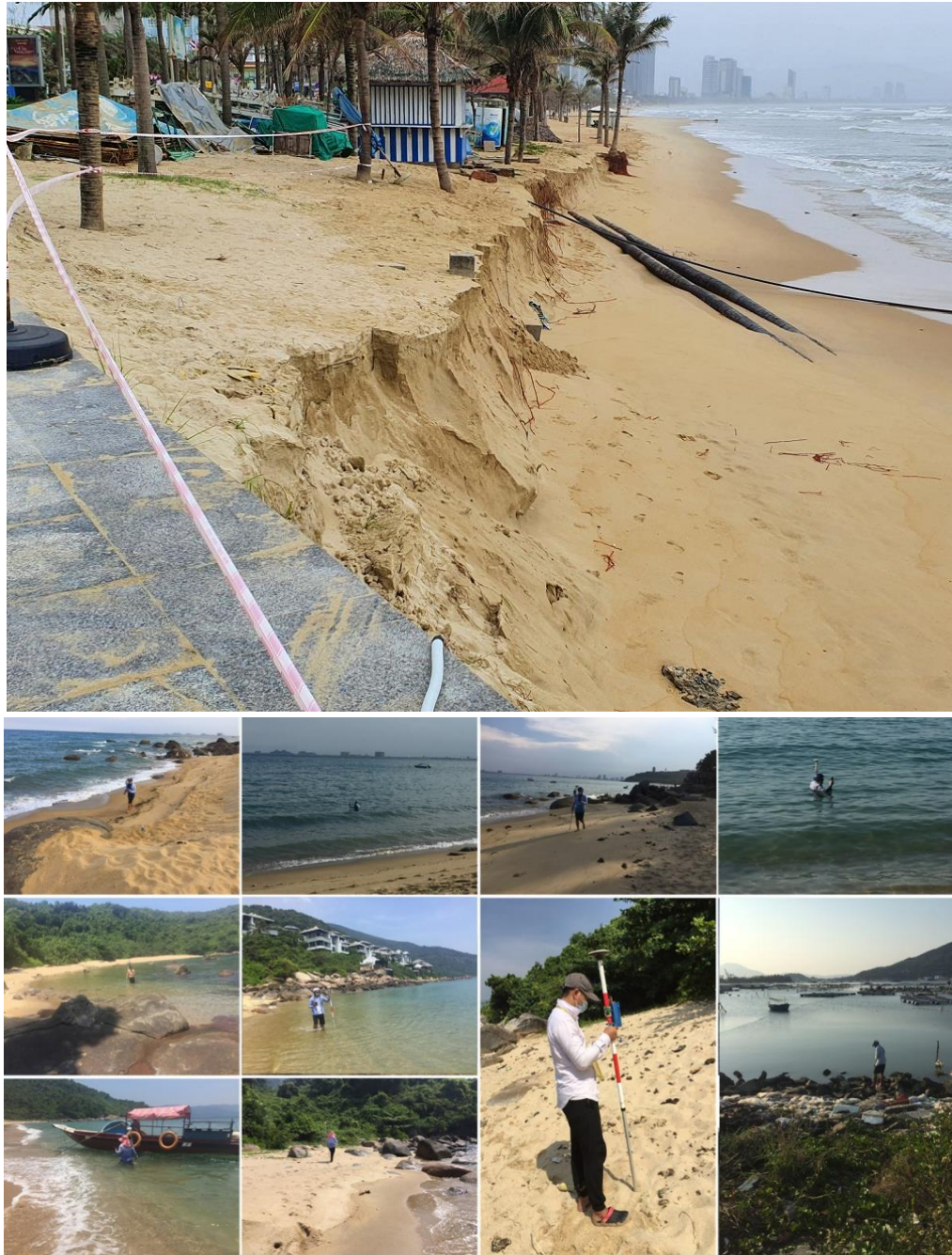
5.2 Presentation 2: Coastal Protection Corridor: A legal solution to increase urban resilience in Da Nang City in the face of climate change

Ms. Pham Thi Chin, Director, Da Nang Agency of Seas and Islands, Department of Natural Resources and Environment Da Nang City, Viet Nam, shared information on the changes in temperature (increased by 1oC between 1961-2018), precipitation (increased by about 5.2 per cent over the past 60 years), occurrence of tropical cyclones (2-3 tropical cycles on average) and changes in sea level (about 3.69 mm/year) that Da Nang is experiencing over the past years. Impacts of climate change were shared, particularly focusing on coastal erosion.



Temperature and sea level changes in Da Nang

Ms. Chin showed evidences on the current status of coastal erosion in Da Nang City which occurred annually along the coast of Hoang-Sa-Vo Nguyen Giap-Truong Sa affecting beach morphology, erosion of dykes and embankments, causing damage to some public and private properties in the coastal area. Establishment of coastal protection corridor or setback line which is identified in the 2015 Law on Marine and Island Resources and Environment is ongoing in 28 coastal localities in Viet Nam. Da Nang City has taken the following measures: a) determining areas for the establishment of coastal corridor, b) breadth of the coastal corridor, and c) developing and issuing regulations on coastal protection corridor.



Establishment of a Coastal Protection Corridor

Ms. Chin concluded her presentation by citing the benefits of the establishment of coastal protection corridor where activities are currently being undertaken within and around the boundary of the corridor protecting and maintaining the ecosystem services, mitigating coastal erosion and ensuring access to the sea by the public. She cited that such scenario ensures harmonious relationship between socioeconomic development and coastal and marine environmental protection and management.

6.0 Closing Remarks

Ms. Yueye Lin, representative of the PNLG Secretariat rendered the closing remarks on behalf of Mr. Huaiyuan Lin, Executive Deputy Secretary-General, PNLG Secretariat and General Engineer, Xiamen Municipal Bureau of Ocean Development, PR China.

Ms. Yueye Lin expressed her belief that the joint learning forum is a great step towards promoting knowledge sharing on the development, implementation and demonstration of ICM around the Seas of East Asia. Ms. Lin also expressed her satisfaction on the lessons learned from the numerous points of views as presented by the speakers particularly on the evolution of ICM, the specialized tools and methodologies, and their application in climate change adaptation, marine plastic management and coastal habitat protection and conservation. The local practices shared by the PNLG members have attested the continuing relevance of the ICM framework in identifying integrated solutions to address priority issues at the local level.

Ms. Lin conveyed her thanks to all the distinguished speakers and moderators, particularly to Dr. Chua Thia-Eng for his highly informative lecture. She expressed her gratitude to all of the participants, for their invaluable presence and active participation which made the forum a success. Lastly, she thanked the organizers, all colleagues from PEMSEA, PNLG Secretariat, COMI of Xiamen University, and Xiamen Marine International Cooperation Center including all those who have been involved in organizing the forum. She wished everyone the best and expressed hope to meet again at the forthcoming 2021 PNLG Annual Forum to be held in 1st December 2021 during the EAS Congress.

ANNEX 1. PROGRAM.



2021 Joint PNLG-PNLC Learning Forum

18 November 2021, 1:00 PM – 4:00 PM (GMT+7)
Online via Voov

Rationale

Close to 3 decades of developing, implementing, verifying and demonstrating the effectiveness of integrated coastal management (ICM) in terms of socioeconomic and environmental benefits have driven the replication and upscaling covering more coastlines in the various countries in the East Asian Region with ICM and ICM-related programs and initiatives.

The replication and upscaling were made possible with the issuance of the necessary policies and supporting legislations by several countries in the region to support ICM implementation.

As ICM upscaling will continue to accelerate in the coming decade, it is critical that the next generation of coastal managers and practitioners are adept at the ICM principles, concept, framework, processes and tools to enable them to effectively carry out their tasks and contribute to achieving local, national, regional and global sustainable development targets in line with the 2030 UN Sustainable Development Goals.

Organizers

- Partnerships in Environmental Management for the Seas of East Asia (PEMSEA) Resource Facility
- PEMSEA Network of Local Governments (PNLG) Secretariat
- Coastal and Ocean Management Institute (COMI), Xiamen University
- Xiamen Marine International Cooperation Center (XMICC)

Theme

Integrated Coastal Management implementation for the new generation of coastal managers and practitioners in the coming decade

Platform

Voov

<https://meeting.tencent.com/p/6656896495>

Meeting ID: 665 689 6495 (Password: 1118)

Program

1:00 PM – 4:00 PM (GMT+7)

Time	Activity	Speakers/Presenters
OPENING CEREMONY		
1:00 PM – 1:10 PM	Welcoming remarks	Mdm. Noraini Binti Roslan President, PEMSEA Network of Local Governments and Mayor, Subang Jaya Municipal Council, Malaysia
	Opening remarks	Dr. Wansuk Senanan President, PEMSEA Network of Learning Centers (PNLC) and Assistant Professor, Burapha University, Thailand
1:10 PM – 1:20 PM	Group Photo	Prof. Qinhua Fang Deputy Secretary General, PNLC Secretariat and Deputy Director, COMI, Xiamen University, PR China
	Introduction to the Forum	
SESSION 1: ICM APPLICATION AND SCALING UP IN EAST ASIA		
1:20 PM – 2:00 PM	Lessons Learned from Five Decades of Coastal Management in the Seas of East Asia	Dr. Chua Thia-Eng Chair Emeritus, East Asian Seas Partnership Council, PEMSEA
2:00 PM – 2:20 PM	ICM scaling up in the Seas of East Asia under the 2030 Decade of Action for Sustainable Development	Ms. Nancy Bermas Senior Programme Manager PEMSEA Resource Facility
2:20 PM – 2:30 PM	Break	
SESSION 2: SPECIALIZED TOOLS AND METHODOLOGIES		
2:30 PM – 2:35 PM	Introduction to the session	Moderator: Dr. Wansuk Senanan President, PNLC and Assistant Professor, Burapha University, Thailand
2:35 PM – 2:50 PM	<u>Marine Litter Management:</u> Mapping of Sources and Concentration of Plastic Waste Generation in River Basins	Prof. Noel Sedigo Professor, Cavite State University Philippines
2:50 PM – 3:05 PM	<u>Climate Change Adaptation:</u> Asia Pacific Climate Change Adaptation Information Platform	Ms. Nagisa Shiiba Policy Researcher, Adaptation and Water Area, Institute for Global Environmental Strategies, Japan
3:05 PM – 3:20 PM	<u>Biodiversity Conservation:</u> Ensuring Food Security through Biodiversity Conservation	Dr. Maria Vanessa Baria-Rodriguez Assistant Professor Marine Science Institute University of the Philippines
SESSION 3: LOCAL ACTIONS WITH MEASURABLE IMPACTS		
3:20	Introduction to the session	Moderator:

Time	Activity	Speakers/Presenters
PM – 3:25 PM		Dr. Ario Damar Professor, Institut Pertanian Bogor, Indonesia
3:25 PM – 3:40 PM	Habitat Conservation and Protection	Mr. Erwin Mawandy Head, Regional Planning Division Tangerang Planning Agency, Indonesia
3:40 PM – 3:55 PM	Urban Climate Change Resilience	Ms. Pham Thi Chin Director, Da Nang Agency of Seas and Islands, Department of Natural Resources and Environment Da Nang City, Viet Nam
CLOSING REMARKS		
3:55 PM – 4:00 PM	Closing Remarks	PNLG Secretariat

ANNEX 2. LIST OF REGISTERED PARTICIPANTS.

Title	First Name	Last Name	Email	Network Member	Department	Affiliation	Country
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Mr.	Fakhrie	Wahyudin	fkhr.btg@gmail.com	PNLG	Planning, Research and Development Agency	Bontang City	Indonesia
Ms.	Rochelle	Amboya	rpamboya@yahoo.com	Other PEMSEA partners	PGENRO	Provincial Government of Batangas	Philippines
Ms.	Noraini	Roslan	mayor.noraini@mbsj.gov.my	Other PEMSEA partners	MAYOR	Subang Jaya City Council	Malaysia
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ANNEX 3. GROUP PHOTOGRAPH.

