

EAS Congress 2012

Changwon City
Republic of Korea

EAST ASIAN SEAS CONGRESS

Building a Blue Economy: Strategy, Opportunities and Partnerships in the Seas of East Asia

9-13 July

Changwon Exhibition
Convention Center (CECO),
Changwon City, RO Korea



Global Environment
Facility



United Nations
Development
Programme



United Nations
Office for Project
Services



Partnerships in
Environmental
Management for the
Seas of East Asia



Ministry of Land,
Transport and
Maritime Affairs



City Government
of Changwon,
RO Korea

Hosted by the Republic of Korea
Organized by PEMSEA, the Ministry of Land, Transport and Maritime Affairs (MLTM)
and the City Government of Changwon and supported by GEF, UNDP and UNOPS.

Background

The East Asian Seas (EAS) Congress serves as a platform for knowledge sharing, partnership building and collaborative planning in support of a common vision of sustainable development for the Seas of East Asia.

Starting in 2003, EAS Congresses have been held every three years primarily as a region-wide platform for dialogue, knowledge exchange, capacity building, strategic action and cooperation in coastal and ocean governance.

The EAS Congress 2012 will build on the key outcomes of the EAS Congress 2009, as well as tackle emerging issues and new developments in coastal and marine sectors of the region.

In line with the global commitments to enhance human welfare and environmental sustainability while pursuing economic growth, the EAS Congress 2012 brings to the fore the critical role of coastal and ocean resources in support of these triple bottom-line targets. Under the theme, **“Building a Blue Economy: Strategy, Partnerships and Opportunities in the Seas of East Asia,”** the Congress will address the new opportunities for the ocean economy of East Asia, the range of partnerships that have developed and are required in order to realize the full potential of a blue economy, and the progress and achievements in governance of regional/subregional seas within the framework of the Sustainable Development Strategy for the Seas of East Asia (SDS-SEA).

The Congress programme will feature accomplishments in coastal and ocean governance and on-the-ground management programs at the national, local and subregional levels, as well as presenting new approaches, innovative technologies and best practices that may be helpful in addressing some of the persistent and emerging challenges in the East Asian Seas region.

VALUE OF THE EAS CONGRESS

- A premier international conference on coastal and ocean development and governance with key focus on the East Asian Seas region
- An intellectual marketplace
- A Partnership Hub
- A reporting and planning mechanism for the sustainable development of the East Asian Seas region.



**Message from the Minister of the Ministry of Land, Transport
and Maritime Affairs (MLTM)**

It is my pleasure to bid you welcome to the East Asian Seas (EAS) Congress 2012 to be hosted by the Republic of Korea through the Ministry of Land, Transport and Maritime Affairs (MLTM), and the City Government of Changwon.

The Republic of Korea is very proud to host this important event from July 9 to 13, 2012. The EAS Congress 2012 comes at a very unique time as RO Korea is also hosting the International Exposition Yeosu 2012 under the theme “The Living Ocean and Coast.” We believe that the coastal and ocean environment and resources are critical to the overall development not only of our country but of the entire East Asian Seas region. By linking therefore the Yeosu Expo with the EAS Congress 2012, which will focus on “Building a Blue Economy in the EAS region,” we hope to further elevate the growing consciousness on coasts and oceans as critical elements in the overall discussion of sustainable development.

The venue for the EAS Congress 2012 could not have been more appropriate. Changwon City is the first planned city in RO Korea and is slowly building itself into a world class city that promotes sustainable economic, social and environmental growth.

The EAS Congress 2012 and the Fourth Ministerial Forum brings an opportunity for the various stakeholders from the EAS region, as well as from those outside the region to share achievements and lessons learned, and at the same time identify remaining gaps, emerging trends and challenges and future actions that will contribute in the sustainable development of the region’s ocean economy.

We will do everything we can to make the EAS Congress 2012 and the Fourth Ministerial Forum a memorable and productive experience for all the participants.

I look forward to welcoming you personally in Changwon City in 2012.

Kwon Do-Youp

Minister

Ministry of Land, Transport and Maritime Affairs

RO Korea





Message from the Mayor of Changwon City

Welcome to the East Asian Seas Congress 2012!
I am Park Wan-Su, Mayor of Changwon, Republic of Korea.

I welcome you all to Changwon City.

It is a great privilege to host the East Asian Seas Congress 2012, the largest marine environment policy congress in East Asia for discussing marine ecosystem conservation and sustainable marine and coastal resources development strategies, in Changwon City.

Located in the southeast part of South Korea, Changwon is the center of administration, education, industry, marine environment, and tourism boasting a rich culture of 2,000 years. By integrating with the two neighboring cities of Masan and Jinhae in Gyeongsangnam-do in July 2010, Changwon became a 744.26 km² megacity with a population of 1.1 million, which is larger in size than the City of Seoul.

Based on its beautiful coastline stretching about 321 km and the well-organized port logistics infrastructure, Changwon is making its utmost effort to turn itself into a maritime hub in Northeast Asia. Changwon hosted the Ramsar COP 10 in 2008, UNCCD COP 10 in 2011 and IAEC Congress in 2012, thus contributing to boosting international cooperation and relations. In addition, Changwon was selected as one of the most livable cities certified by UNEP in 2010 and has recently won the bid to host the 2018 ISSF World Shooting Championship, solidifying its position as a global city.

We have also made painstaking efforts to organize and host the East Asian Seas Congress 2012 to coincide with the 2012 Yeosu Expo — one of the world's top three exhibitions — a resounding success and one of the most exciting global festivals for East Asian countries.

Above all, we will share Korea's warm friendship and affection with all the participants coming from our neighboring East Asian countries.

It is my great hope that the East Asian Seas Congress 2012 will serve as a turning point to solve global marine environment problems in this era of climate change through having productive discussions and debates. I ask for your active interest and support.

Thank you.

Park Wan-su

Mayor
Changwon City, RO Korea





Message from the Partnerships in Environmental Management for the Seas of East Asia (PEMSEA)

The fourth EAS Congress to be held in Changwon City, RO Korea in July 2012 will take place as the world celebrates the 20th anniversary of the 1992 United Nations Conference on Environment and Development (UNCED), the 10th anniversary of the 2002 World Summit on Sustainable Development (WSSD), and the world's first international exposition centering on the oceans—the Yeosu Expo 2012.



While the international community tackles the global sustainable development concerns, the East Asian Seas region, through the Sustainable Development Strategy for the Seas of East Asia (SDS-SEA), offers concrete strategies and implementation measures that will help in achieving the region's vision for the oceans and coasts.

The EAS Congress 2012 and the Fourth Ministerial Forum aim to advance the region's commitment towards sustainable development by focusing on the theme, "Building a Blue Economy: Strategy, Opportunities and Partnerships in the Seas of East Asia," and by adopting a rolling Five-Year Implementation Plan for the SDS-SEA which will also serve as the region's roadmap towards a Blue Economy.

The EAS Congress 2012 offers a number of workshops and side events that look into the different major facets of sustainable coastal and ocean development and governance. It also opens up partnership opportunities for various stakeholders both local and international, from private entities to public sectors, and from youth participants to experts.

As this event only happens every three years, I therefore urge all of you to take advantage of the vast opportunities offered by the Congress.

Together with the Republic of Korea through the Ministry of Land, Transport and Maritime Affairs (MLTM), the Changwon City Government, as well as the Global Environment Facility, the United Nations Development Programme, and the United Nations Office for Project Services, welcome to the EAS Congress 2012.

Raphael P.M. Lotilla

Executive Director



Message from the EAS Partnership Council Chair

Every three years since 2003, various stakeholders from within and outside the East Asian Seas region converge at the East Asian Seas (EAS) Congress to discuss the various challenges, developments, and new opportunities as well as contribute in mapping the future direction of coastal and ocean governance of the region.

Looking back, I am very proud to say that this region has definitely gone a long way and that the EAS Congress has served as a key witness to that growth. The adoption of the Sustainable Development Strategy for the Seas of East Asia (SDS-SEA) through the Putrajaya Declaration in 2003, the establishment of the major Operating Mechanisms for the implementation of the SDS-SEA through the Haikou Declaration in 2006, and the strengthening and scaling up of the implementation of Integrated Coastal Management (ICM) programmes and the SDS-SEA as measures for climate change adaptation through the Manila Declaration in 2009, are clear indications of growing commitment from the region to ensure the sustainable development of the Seas of East Asia.

The year 2012 is crucial as a number of international events are set the year, the most prominent of which is the UN Conference on Sustainable Development or Rio+20. We see a growing movement to include the ocean agenda in the Rio discussions. In line with the principles of a Green Economy, the world is also seeing the growth of ocean-based green economy as well as the increasing support for integrated planning and management for balance and efficient utilization of land and sea resources. This emerging phenomenon and concept is being termed as “Blue Economy.”

As the EAS region relies heavily on its coastal and marine resources and environment, it is crucial for the countries of the region to ensure the effective use of its coastal and marine ecosystems in order to increase economic development and at the same time ensure environmental sustainability and social equity. Thus, the EAS Congress 2012's focus on the theme “Building a Blue Economy: Strategy, Opportunities and Partnerships in the Seas of East Asia” connotes a paradigm shift that is both timely and very relevant to the East Asian Seas region. I sincerely believe that the East Asian Seas region, through its experience and achievements in the implementation of the SDS-SEA and various ICM programmes, is in a vantage position to work towards building a Blue Economy.

I invite all of you to take part of this historical and dynamic event. I look forward to seeing you at the EAS Congress 2012.



Chua Thia-Eng

Chair
EAS Partnership Council



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PLENARY KEYNOTE 1

Mr. Jae-Chul Kim

Mr. Jae-Chul Kim founded the Dong-won Industries, Co. Ltd., in 1969 and currently serves as the Chair of the Dong-won Group. Since 1969, Dong-won has grown tremendously, expanding from manufacturing and the local marine products industry to a wide range of sectors including food and beverage, network communications, e-learning services, packaging and construction among others.

Mr. Kim is also currently the Director of the Sejong Institute, a non-profit research organization that is focused on developing strategic options and national policy in the areas of security, national unification and foreign affairs. At the same time, he holds different positions and responsibilities at various institutions including the Bueyoung National University, Korea Operations Research and Management Science Society, Jangbogo Foundation, and Korea Sanhal Foundation, among others.

Mr. Kim has received a number of recognitions both from within and outside RO Korea. In 2009, he was awarded the Grand Prize for an Entrepreneur by the Korean Academy of Business Historians as well as the E&Y Master Entrepreneur of the Year 2009 Korea. He has been a recipient of The Global CEO Award by the Asia-Europe Perspective Association, The Order of the Rising Sun, and Gold and Silver by Japan, among others.



PLENARY KEYNOTE 2

Mr. Jong-Chul Lee

Mr. Jong-Chul Lee holds a number of positions in the STX Corporation in RO Korea. He is the Vice Chair of the Holding and Shipping Division of the STX Business Group, Chief Operations Officer (COO) and Vice Chair of the STX Corporation, Chief Executive Officer (CEO) and Vice Chair of the STX Pan Ocean Co., Ltd., and Chairman of the Board of the STX OSV Holdings, Ltd.

Apart from his roles in STX, Mr. Lee currently serves as the Chair of the Federation of Korea Maritime Industries, and Korea Shipowners' Association. He is also the Director of the Korean Register of Shipping and Chair of the Korean and Asian Rowing Associations. Mr. Kim was awarded with the 6 Billion Export Tower Prize of the Korean Ministry of Commerce, Industry and Energy by the Korean International Trade Association and the Silver Tower Order of Industrial Service Merit in 2008.



PLENARY KEYNOTE 3

Dr. Awni Behnam

Dr. Awni Behnam joined the United Nations at the UN Conference on Trade and Development (UNCTAD) in Geneva in 1977, as Economic Affairs Officer and Assistant to the Director in the Shipping Division of UNCTAD before assuming responsibility as the Chief of Liaison with developing countries (Group of 77 and China) for the UNCTAD Secretary-General. He became the Secretary of the Trade and Development Board of UNCTAD in 1992 with responsibility for the management of intergovernmental processes of UNCTAD. In 2000, he was promoted to the rank of Senior Advisor to the Secretary General of UNCTAD.



In 2004, Dr. Behnam was elected as President of the International Ocean Institute, (Malta) and assumed full-time responsibility for the Institute, a post he still holds (www.ioinst.org). In 2008, he was invited by the UN Secretary-General, Mr. Ban Ki-moon, to assume the responsibility of UN Commissioner General for the UN Pavilion at the Shanghai World Expo 2010 as UN Assistant Secretary-General.

Dr. Behnam has received several international honors and awards and has a large number of publications to his name. He is also special advisor to a number of governmental and academic institutions worldwide.

Dr. Behnam holds a first degree in Business Administration (BA, Mustansirya University), Master's and Doctorate degrees from the University of Wales.

PLENARY KEYNOTE 4

Mr. Chen Lianzeng

Mr. Chen Lianzeng has been Deputy Administrator of the State Oceanic Administration (SOA) of China since 1999. Prior to this appointment, Mr. Chen held a number of senior positions within SOA. He was appointed Deputy Director, Division of Marine Science Research in 1984; Director, Division of Scientific Application, Department of Science and Technology in 1989; Director, Division of Comprehensive Management, Department of Science and Technology in 1993; Deputy Director-General, Department of Ocean Management in 1996 (March); Deputy Director-General, South Sea Branch, 1996 (October); and Director-General, Research Institute of Sea Water Desalination and Comprehensive Sea Water Use in 1997.



Mr. Chen graduated from the Department of Oceanography of Xiamen University in 1980 and joined SOA in the same year. He undertook advanced studies at the South Carolina University, USA, from 1983-1984.

PLENARY KEYNOTE 5

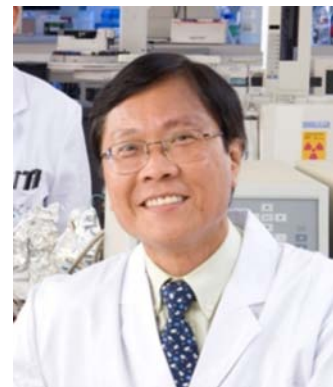
Prof. Rudolf Wu

Professor Rudolf Wu is currently the Chair Professor and the Director of the School of Biological Sciences, and also the Director of the Centre for Marine Environmental Research and Innovative Technology (MERIT), one of the “Areas of Excellence” (AoE) selected by the University Grants Committee (UGC) of the government of Hong Kong. Professor Wu received his PhD from the University of British Columbia and has worked in Canada, Australia and Hong Kong.

Professor Wu’s research primarily focuses on the molecular, biochemical, physiological and ecological responses of marine animals to environmental stresses, with a particular emphasis on hypoxia and xenobiotics. The overall objectives are to unravel the toxic mechanisms involved and to develop novel biomarkers for detecting and predicting environmental changes.

Professor Wu has served on many working/expert groups of international organizations, including the United Nations, the International Maritime Organization (IMO) and the Intergovernmental Oceanographic Commission (IOC). He was one of the 24 members of the Coastal Ocean Observation Panel of the IOC, and is currently one of the 13 members of the Group of Experts on Scientific Aspects of Marine Environmental Protection (GESAMP) of the UN, the Director of the Regional Centre of Excellence in Marine Pollution of PEMSEA and also a member of the Scientific Advisory Panel of UK’s Environment Agency.

In the past five years, Professor Wu completed many milestone consultancy studies for the government of Hong Kong SAR.



OVERALL CONFERENCE CHAIR

Dr. Chinsoo Lim

Dr. Chinsoo Lim is the Senior Research Fellow of Korea Maritime Institute (KMI). At the same time, he serves as the Research Supervisor and Senior Research Fellow of the Shipping and Logistics Research Division of KMI.

Dr. Lim has served several positions in KMI since 1989. Prior to joining KMI, he was the senior engineer of the Design Department of the Hanjin Shipbuilding Co., Ltd., in Busan, Korea.

He is one of the Advisors to the 2012 Yeosu Expo Organizing Committee. Dr. Lim is also a member of the Policy Advisory Committee of the Ministry of Maritime Affairs and Fisheries (MOMAF) and the Ministry of Land, Transport and Maritime Affairs (MLTM). Dr. Lim holds a Ph.D. in Ocean Systems Management (OSM) from the Massachusetts Institute of Technology, Cambridge, MA, U.S.A, and a Bachelor of Science in Naval Architecture from the Seoul National University.

Dr. Lim received the Prime Minister's commendation in 1999 and was awarded the Best Researcher by the Korea Maritime Institute in 1998.



SUBTHEME 1 CONFERENCE CHAIR

Prof. Chul-Hwan Koh

Prof. Koh is conferred as a Marine Ecologist, Emeritus Professor at Seoul National University in RO Korea. Apart from his academic contributions and responsibilities, Prof. Koh also currently serves as the Technical Session Co-Chair of the East Asian Seas Partnership Council.

With degrees in Botany and Marine Science, Prof. Koh received a Ph.D from the Institute of Marine Science (Institut fuer Meereskunde) of the University of Kiel, Germany and a M.S. from the Seoul National University. Aside from SNU, he has also taught in Tohoku University and Saga University in Japan. He has published numerous books, papers and research articles about the protection of coastal wetlands and tidal flat ecology both nationally and internationally.

He has been awarded an Order of Service Merit Yellow Stripes, a Minister Commendation from the Ministry of Maritime Affairs and Fisheries and a Special Academic Award from the Korean Society of Oceanography. He has been part of the Korean Committee of the Man and Biosphere Program of UNESCO for the past decade. He was also a representative in the Getbol Forum Korea. He is currently a council member of the International Association of Lowland Technology.



SUBTHEME 2 CONFERENCE CHAIR

Prof. Stephen de Mora

Professor Stephen de Mora is the Chief Executive of both the Plymouth Marine Laboratory and PML Applications Ltd, as well as an Honorary Visiting Professor in Biosciences at The University of Exeter. Educated in chemistry and oceanography, he obtained a BSc from the University College of Swansea and a PhD from the University of British Columbia, Canada.

He has taught chemistry, environmental science, and oceanography at the University of Lancaster, United Kingdom; University of Auckland, New Zealand; and Université de Québec à Rimouski, Canada. After a 20-year career in the academe, he joined the International Atomic Energy Agency (IAEA) Marine Environment Laboratory in Monaco. Through the IAEA, he worked with several Regional Seas Programmes and Global Environment Facility (GEF) projects around the world.

Prof. de Mora was presented with a Distinguished Service Award in 2005, the same year the IAEA was a co-recipient of the Nobel Prize. Before returning to the UK to take up the position at PML in 2008, he had established an environmental consultancy based in Canada working for various UN bodies and the World Bank on assignment mostly in Eastern Europe, Western Asia and Central Africa.

His areas of research expertise include environmental analytical chemistry, marine pollution monitoring and assessment, chemical oceanography, biogeochemistry, and polar science. Prof. de Mora has undertaken research missions at sea, and in both the Arctic region and Antarctica.



SUBTHEME 3 CONFERENCE CHAIR

Dr. Cielito Habito

Dr. Habito holds a Ph.D. in Economics and MA in Economics from Harvard University, Massachusetts, USA. He currently serves as the Director of Ateneo Center for Economic Research and Development, Ateneo de Manila University. He is currently an independent policy consultant and analyst, and an economics professor in leading universities in the Philippines.

He is an expert in the field of sustainable development having led the Philippine delegation to the UN Conference in sustainable development. He has served as the Philippine National Economic Planning Secretary (1992–1998) and was the chief architect of the Philippine economic reform program of the Ramos Administration. He also worked in the private sector as board adviser and consultant of Metropolitan bank, the country's largest bank.

He has written books and articles relating to economics, sustainable development and fiscal policy issues and runs a column for the Philippine Daily Inquirer.



SUBTHEME 4 CONFERENCE CHAIR

Dr. Elisea Gozun

Dr. Elisea “Bebet” Gozun is Presidential Assistant II for Climate Change for the Philippine Government. She also serves as a member of the Manila Bay Advisory Committee providing support to the Supreme Court in implementing the continuing mandamus for the Manila Bay clean up. She served as Secretary of the Department of Environment and Natural Resources from December 2002 to September 2004, and Assistant Secretary for Planning and Policy Studies from January 1990 to June 1991.



Before rejoining the government, she chaired and was a President of the Earth Day Network Philippines, a movement which aims to make caring for mother earth the concern of all. She was also Program Director for the environment of Gawad Kalinga and a Project Director of the City Development Strategy (CDS) project of Cities Alliance with League of Cities of the Philippines. An activist involved with many NGOs, she also served as consultant on environmental management and urban development for many development agencies and was the 2007 UNEP Champion of the Earth for Asia and the Pacific.

SUBTHEME 5 CONFERENCE CHAIR

Prof. Stephen Olsen

Associated with the Coastal Resources Center (CRC) since its creation in 1971, Stephen Olsen has served as its director since 1975. Stephen led the team that drafted the Rhode Island Coastal Resources Management Program adopted by the state in 1977—one of the first state programs to meet standards set by the US federal government. He also led the design of the first special area management plan to address complex issues of coastal ecosystem change that require the coordinated action by several agencies and levels of government. Since 1985, he has been the director of an international program that is widely recognized as a pioneer in developing a learning-based, issue-driven approach to the management of coasts through long-term programs in Latin America, East Africa and Southeast Asia. He has worked with the agencies of the United Nations and several development banks on their coastal management initiatives in a number of countries.



Stephen Olsen is well-known for his work on developing common methodologies for learning from coastal management experience. This work is being supported by a number of international institutions and is promoting an adaptive, learning-based approach to coastal management. He recently ended his term as vice chair of the Scientific Steering Committee of the International Land-Ocean Interactions in the Coastal Zone (LOICZ) Program and played a leading role on a committee assembled by the US National Academy of Science on building capacity for the stewardship of oceans and coasts.

MAJOR CEREMONIES

Opening Ceremony of the International Conference

Convention Hall, 3F, CECO

09 July 2012

0930 – 0940

Entrance/Procession

Congress Flag

VIPs

0940 – 0945

Opening Video

0945 – 0953

Welcome Remarks

Hon. Do-Youp Kwon

Minister, Ministry of Land, Transport and Maritime Affairs, RO Korea

0953 – 0959

Welcome Remarks

Hon. Wan-Su Park

Mayor, Changwon City, RO Korea

0959 – 1005

Welcome Remarks

Hon. Du-Kwan Kim

Governor, Gyeongsangnam-do Province, RO Korea

1005 – 1015

Opening Remarks

Prof. Raphael P.M. Lotilla

Executive Director, Partnerships in Environmental Management for the Seas of East Asia (PEMSEA)

1015 – 1035

Special messages/presentation

Mr. Hae-Yeon Hwang

Master, STX Offshore and Shipbuilding Co., Ltd./Pre-election Team

Mr. Yoon-Jae Cha

Co-CEO, Waterlife Citizens' Alliance

- 1035 – 1100** **Plenary Keynote 1**
Mr. Jae Chul Kim
Chair, Dongwon Industries, RO Korea
- 1100 – 1105** **Message of the Conference Chair**
Dr. Chinsoo Lim
Senior Research Fellow, Korea Maritime Institute (KMI)
- 1105 – 1130** **Coffee/Tea break**

Opening of Exhibit
Exhibit Hall 1, 3F, CECO
09 July 2012

- 1200 – 1205** **Ribbon cutting Ceremony**
(Key persons involved: Speakers from Opening Ceremony)
- 1205 – 1210** **Short Message from MLTM Minister and Invitation to Participants to View the Exhibit**
- 1210 – 1230** **Tour of Exhibit (EAS Congress VIPs and Participants)**
- 1230 – 1800** **Exhibit Open to all EAS Congress Participants and to the Public**

Senior Government Officials Meeting (SGOM)

Oriox, Pullman Hotel

11 July 2012

BY INVITATION ONLY

1230 – 1245 Registration of the Senior Government Officials Meeting

1245 – 1250 Opening Remarks
Prof. Raphael P.M. Lotilla
Executive Director, PEMSEA

1250 – 1300 Review of Status of Preparation for the Ministerial Forum

1300 – 1315 Review of Documentation for the Ministerial Forum

1315 – 1355 Review of the Ministerial Forum Arrangements

1355 – 1400 Closing

Special EAS Partnership Council Meeting

Amoris A, 2F, Pullman Hotel

11 July 2012

BY INVITATION ONLY

1800 – 1803 1.0 Opening Ceremony

Welcome Remarks
Mr. Yeong-Jin Yeon
Director General, Marine Policy Bureau, Ministry of Land, Transport
and Maritime Affairs, RO Korea

1803 – 1806 Welcome Remarks
Prof. Raphael P.M. Lotilla
Executive Director, Partnerships in Environmental Management for
the Seas of East Asia (PEMSEA)

1806 – 1810	Opening Remarks Dr. Chua Thia-Eng Chair, EAS Partnership Council, PEMSEA
1810 – 1820	2.0 Introduction of New PEMSEA Partner and MOA signing with ICM Learning Center Signing of the Partnership Operating Arrangements with KOEM MOA signing with the Center for Coastal and Marine Resources of Bogor Agricultural University
1820 – 1850	3.0 PRF Secretariat Report on PEMSEA Governance, Transformation and Regional SDS-SEA Implementation Plan (2012-2016)
1850 – 1910	4.0 • GEF/UNDP Program Framework Document • GEF/World Bank Program Framework Document
1910 – 1945	5.0 Fourth Ministerial Forum
1945 – 2000	6.0 Other Business

Special Cocktails of Partnership Council and Ministers
Oriox, 2F, Pullman Hotel
11 July 2012
BY INVITATION ONLY

2000	Opening
2003 – 2008	Welcome Address Dr. Chua Thia-Eng Council Chair, EAS Partnership Council
2008 – 2013	Congratulatory Address Mr. Yeong-Jin Yeon Director General for Marine Policy, Ministry of Land, Transport and Maritime Affairs (MLTM), RO Korea
2013 – 2015	Welcome Toast Hon. Wan-Su Park Mayor, City of Changwon, RO Korea
2015 – 2017	Toast (Ministers from East Asian Countries)
2017 – 2113	Cocktail and Networking
2113 – 2128	Cultural Performance “Gayagum”
2128 – 2130	Closing

Closing Ceremony of the International Conference and Opening of the Ministerial Forum

Convention Hall, 3F, CECO

12 July 2012

0910 – 0930 Assembly of Ministers

PART 1. Closing of the International Conference

0930 – 1020 Reports on Sub-theme Outcomes
Subtheme 1: Prof. Dr. Chul Hwan Koh
Subtheme 2: Prof. Stephen de Mora
Subtheme 3: Dr. Cielito Habito
Subtheme 4: Dr. Elisea Gozun
Subtheme 5: Prof. Stephen Olsen

1020 – 1030 Report on Youth Forum Outcomes

**1030 – 1100 Report of Overall Conference Outcomes and Declaration of the Closing of
the International Conference**

1100 – 1120 Tea/Coffee Break

PART 2. Opening of the Ministerial Forum

1120 – 1130 Introduction of Ministers

1130 – 1135 Welcome Address
Minister of Ministry of Land, Transport and Maritime Affairs (MLTM) (Forum Chair)

1135 – 1140 Welcome Remarks
Mayor of Changwon City

1140 – 1145 Opening Remarks
Council Chair, East Asian Seas Partnership Council

1145 – 1205 Keynote Speech
Hon. Jung Jay Joh, Former MOMAF Minister of RO Korea

1205 – 1215 Photo Session

1215 – 1235 Tour of Exhibit by Ministers

1235 – 1415 Lunch

PART 3. Ministerial Forum Proper
Amoris A, Pullman Hotel
12 July 2012
BY INVITATION ONLY

1415 – 1420 Video Showing on SDS-SEA Implementation

1420 – 1425 Introductory Remarks
Forum Chair

Discussion of the Benefits and Challenges of SDS-SEA Implementation in the Region

1425 – 1445 Local Government perspective

1445 – 1455 Business/Corporate Sector perspective

1455 – 1505 International Organization/Financial Institution perspective

**1505 – 1615 Facilitated Discussion on the PEMSEA Platform and SDS-SEA
Implementation 2012-2016**

1615 – 1635 Tea/Coffee Break

1635 – 1645 Wrap up of discussion

1645 – 1655 Presentation of Five-year Regional SDS-SEA Implementation Plan

1655 – 1710 Signing of the Ministerial Declaration

1710 – 1715	Closing Ceremony
1715 – 1730	Photo Session
1730 – 1800	Press Conference
1800 – 1830	Transit to Banquet Venue
1830 – 2100	Ministerial Banquet

Launching of the PSHEM Code and Recognition System at the Yeosu International Exposition

13 July 2012; 0930 – 1030

Yeosu Expo

As part of the EAS Congress 2012 and the Yeosu International Exposition, a special event involving governments, the port sector and international organizations will be organized to launch the PSHEM Code and Recognition System. The overall goal of the project is to engage the port sector to effectively contribute to the sustainable development of the Seas of East Asia through the adoption and implementation of an integrated safety, health and environmental management system.

PROGRAMME:

- **Welcome Remarks** - **Raphael P.M. Lotilla**, Executive Director, PEMSEA Research Facility, PEMSEA
- **Message** - **Ambassador Bae Young-Han**, Third Vice Secretary-General, The Organizing Committee for Expo 2012 Yeosu Korea
- **PSHEM Code and PSHEMS Recognition** - **Stephen Adrian Ross**, Chief Technical Officer, PEMSEA Research Facility, PEMSEA
- **Highlights of PSHEMS Implementation in the Region: Port Representative**
- **Symbolic Distribution of PSHEM documents to the Ministers**
- **Distribution of PSHEM Documents to Congress Participants**

Target Outputs/Outcomes:

- a. The PSHEM Code and Guideline launched and disseminated as a standard for voluntary use by port authorities and those companies operating in ports in the East Asian region;
- b. Case Studies and PSHEM Code advocacy material disseminated.

CONGRESS AT A GLANCE

ST1

ST2

ST3

ST4

ST5

Pre-Congress Events	
7 July	
	Arrival of PNLG Forum participants and Youth Forum participants
0900 - 1800	PNLG Forum Registration (Venue: Lobby of Changwon Hotel)
1900 - 2100	PNLG Welcome Reception (Venue: Mokryun (Magnolia) Hall, 3F, Changwon Hotel)
(8 July) PNLG and Congress Briefings, Registration and Exhibit Ingress	
0900 - 2000	Set up of Exhibits (Venue: Exhibit Hall 1, 3F, CECO)
0830 - 1800	Conduct of PNLG General Assembly (Venue: Dongbaek Hall, Changwon Hotel)
1200 - 1800	Registration International Conference (Venue: 1F, CECO) Senior Officials, Plenary Speakers, Chairs, Executive Committee members (Venue: 1F, CECO) Exhibitors (Venue, 1F, CECO) Youth Forum (Venue: Changwon Moonsung University)
0900 - 1800	Presentation Files Review/Collection (Venue: Room 302, CECO)
0900 - 1300	Youth Forum Team Building Activities (Venue: Changwon Moonsung University)
1300 - 1800	Youth Forum Exhibit Preparation (Venue: Exhibit Hall 1, CECO)
1200 - 2000	Exhibitors' Ingress (Venue: Exhibit Hall 1, 3F, CECO)
1500 - 1700	Briefing for Chairs, Panelists, Resource Speakers and Paper Presenters* (Venue: Convention Hall)
1900 - 2100	PNLG Partnership Night (Venue: Mokryun (Magnolia) Hall, 3F, Changwon Hotel)

Note: * Event by invitation only; For Youth Forum, only selected applicants can participate.

Congress Proper							
(9 July) Day 1: Opening Ceremony, International Conference and Special Events							
0730 - 1800	Registration (Venue: Ground Floor, CECO Lobby) and Powerpoint Collection (Venue: Room 302, CECO)						
0930 - 0940	Opening Ceremony (Venue: Convention Hall, 3F, CECO) Entrance/Procession of VIPs, Country and Congress Flags						
0940 - 0945	Opening Video						
0945 - 0953	Welcome Remarks (MLTM Minister)						
0953 - 0959	Welcome Remarks (Changwon City Mayor)						
0959 - 1005	Welcome Remarks (Gyeongnam Province Governor)						
1005 - 1015	Opening Remarks (PEMSEA Executive Director)						
1015 - 1035	Message from Stakeholders (Shipping representative; NGO representative)						
1035 - 1100	Plenary Keynote 1: Mr. Jae-Chul Kim (Venue: CECO Convention Hall, 3F, CECO)						
1100 - 1105	Message of the Conference Chair (Venue: Convention Hall, 3F, CECO)						
1105 - 1130	Coffee/Tea Break						
1200 - 1230	Exhibit Opening (Venue: Exhibition Hall 1, 3F, CECO)						
1230 - 1400	Lunch (Venue: Exhibit Hall 2, 3F, CECO)						
	Convention Hall 1, 3F, CECO	Convention Hall 2, 3F, CECO	Convention Hall 3 , 3F, CECO	6F, Room 5 CECO	6F, Room 6 CECO	Room 301A, 3F, CECO	Changwon Moonsung University
1400 - 1430	ST1:1	ST2:1	ST3:3	Green Ports			Youth Forum
1430 - 1500							
1500 - 1530							
1530 - 1600							
1600 - 1630	Tea/Coffee Break (Venues: Convention Hall Lobby and 6F Workshop Room Lobby)						
1630 - 1700	ST1:1	ST2:1	ST3:3	Green Ports			Youth Forum
1700 - 1730							
1730 - 1800							
1800 - 1830							
1900 - 2100	Welcome Reception (Venue: Exhibit Hall 2, 3F, CECO); (Hosted by: MLTM & Changwon City)						

Note: * Event by invitation only; For Youth Forum, only selected applicants can participate.

(10 July) Day 2: International Conference and Special Events							
0730 - 1800	Registration (Venue: Ground Floor, CECO Lobby) and Powerpoint Collection (Venue:Speakers Room, 3F, CECO)						
0930 - 1800	Exhibit open to participants and public viewing (Venue: Exhibit Hall 1, 3F, CECO)						
0830 - 0900	Plenary Keynote 2: Mr. Jong-Chul Lee (Venue: Convention Hall, 3F, CECO)						
0900 - 0930	Plenary Keynote 3: Dr. Awni Behnam (Venue: Convention Hall, 3F, CECO)						
0930 - 1000	Tea/Coffee Break (Venue: Convention Hall Lobby)						
	Convention Hall 1, 3F, CECO	Convention Hall 2, 3F, CECO	Convention Hall 3 , 3F, CECO	Room 5, 6F, CECO	Room 6 6F, CECO	Room 301A, 3F, CECO	Changwon Moonsung University
1000 - 1030	ST1:2	ST3:2	ST2:2	PSHEM Governance Process Special Workshop*	ST5:2 (from 1000-1300)		Youth Participants to attend various workshops
1030 - 1100							
1100 - 1130							
1130 - 1200							
1200 - 1230							
1230 - 1400	Lunch (Venue: Exhibit Hall 1, 3F, CECO)						
1400 - 1430	ST1:2	ST3:2	ST2:2	ST4:1	Gulf of Thailand Workshop	ST3:4	Youth Forum
1430 - 1500							
1500 - 1530							
1530 - 1600							
1600 - 1630	Tea/Coffee Break						
1630 - 1700	ST1 Plenary	ST3:2	Film Forum "The Great Flight" (Fly to the Moon) - A Great Flight of Snipe with Livelihood in Asia-Pacific Flyway (1630 – 1800)	ST4:1	Gulf of Thailand Workshop	ST3:4	Youth Forum
1700 - 1730							
1730 - 1800							
1800 - 1830							
1900 - 2100	Partnership Night: Hosted by PEMSEA (Venue: Exhibition Hall 1, 3F, CECO*)						

Note: * Event by invitation only; For Youth Forum, only selected applicants can participate.

(11 July) Day 3: International Conference and Special Events							
0730 - 1800	Registration (Venue: Ground Floor, CECO Lobby) and Powerpoint Collection (Venue: Speakers Room, 3F, CECO)						
0930 - 1800	Opening of Exhibit for participants and public viewing (Venue: Exhibit Hall 1, 3F, CECO)						
0830 - 0900	Plenary Keynote 4: Mr. Chen Lianzheng (Venue: Convention Hall, 3F, CECO)						
0900 - 0930	Plenary Keynote 5: Prof. Rudolf Wu (Venue: Convention Hall, 3F, CECO)						
0930 - 1000	Tea/Coffee Break (Venue: Convention Hall Lobby)						
	Convention Hall 1, 3F, CECO	Convention Hall 2, 3F, CECO	Convention Hall 3, 3F, CECO	Room 5, 6F, CECO	Room 6, 6F, CECO	Room 301A, 3F, CECO	Changwon Moonsung University
1000 - 1030	ST2:3	ST3:1	ST4:2	ST5:1	ST4:3	Expert Consultation Workshop on Marine Spatial Planning	Youth Forum
1030 - 1100							
1100 - 1130							
1130 - 1200							
1200 - 1230							
1230 - 1400	Lunch (Venue: Exhibit Hall 1, 3F, CECO) Senior Government Officials Meeting (Venue: Orix, Pullman Hotel)						
1400 - 1430	ST2:3	ST3:1	ST4:2	ST5:1	ST4:3	Expert Consultation Workshop on Marine Spatial Planning	Youth Forum, Preparation of YF Report
1430 - 1500							
1500 - 1530							
1530 - 1600							
1600 - 1630	Tea/Coffee Break (Venues: Convention Hall Lobby and 6F Workshop Room Lobby)						
1630 - 1700	ST2 Plenary	ST3 Plenary	ST4 Plenary	ST5 Plenary	ST4:3	Expert Consultation Workshop on Marine Spatial Planning	Youth Forum, Preparation of YF Report
1700 - 1730							
1730 - 1800							
1800 - 2000	Partnership Council Forum* (Venue: Amoris A, 2F, Pullman Hotel)						
2000 - 2130	Special Cocktails* (Ministers and Partnership Council) (Venue: Orix C, 2F, Pullman Hotel)						

Note: * Event by invitation only; For Youth Forum, only selected applicants can participate.

(12 July) Day 4: Reporting on Conference Outcomes, Closing Ceremony of International Conference, Opening Ceremony of Ministerial Forum

0910 - 0930	Assembly of Ministers in preparation for the Ceremony (Venue: VIP Room, 1F, CECO)	
	Part 1: Closing of the International Conference (Venue: Convention Hall, 3F, CECO)	
0930 - 1020	Reports on Subtheme Outcomes by Subtheme Chairs	
1020 - 1030	Report on Youth Forum Outcomes	
1030 - 1100	Report on Overall Conference Outcomes	
1100 - 1130	Tea/Coffee Break (Venue: Convention Hall Lobby)	
	Part 2: Opening of the Ministerial Forum (Venue: Convention Hall, 3F, CECO)	
1130 - 1140	Introduction of Ministers	
1140 - 1145	Welcome Address: Minister of Ministry of Land, Transport and Maritime Affairs (MLTM)	
1145 - 1150	Welcome Remarks: Mayor of Changwon City	
1150 - 1155	Opening Remarks: PEMSEA EAS Partnership Council Chair	
1155 - 1215	Keynote Speech: Hon. Jung Jay Joh, Former MOMAF Minister of RO Korea	
1215 - 1225	Photo Session	
1225 - 1240	Tour of Exhibit by Ministers (Venue: Exhibit Hall 1, 3F, CECO)	
1240 - 1420	Lunch for Ministers and MF participants (Venue: Amoris B, Pullman Hotel)	
	MINISTERIAL FORUM PROPER (Venue: Amoris A, Pullman Hotel)*	Room 301, 3F, CECO
1420 - 1430	Ministerial Forum Proper* (Video Showing)	SGP-PMO Meeting*
1430 - 1435	Introductory Remarks by Forum Chair (MLTM Minister)	
	Discussion of the Benefits and Challenges of SDS-SEA Implementation in the Region	
1435 - 1445	Local Government Perspective	
1445 - 1455	Business/Corporate Sector Perspective	
1455 - 1505	International Organization/Financial Institution Perspective	
1505 - 1615	Facilitated Discussion on the PEMSEA Platform and SDS-SEA Implementation 2012-2016	
1615 - 1635	Tea/Coffee Break (Venue: Amoris A Lobby, Pullman Hotel)	
1635 - 1645	Wrap up of Discussion	
1645 - 1655	Presentation of 5-Year Regional SDS-SEA Implementation Plan	
1655 - 1710	Signing of the Ministerial Declaration	
1710 - 1715	Closing Ceremony	
1715 - 1730	Photo Session	
1730 - 1800	Press Conference (Venue: Oriox B-C Hall)	
1800 - 1830	Transit to Banquet Venue	
1830 - 2100	Ministerial Banquet* (Venue: The House of Changwon)	
1700 - 2000	Exhibit Egress	

Note: * Event by invitation only; For Youth Forum, only selected applicants can participate.

(13 July) Day 5: Field Visit and Farewell Night

0800 - 0930	Transit to field activity site (Venue: Yeosu Expo)
0930 - 1030	Field Visit (Ministers and Congress - International Participants) / Launching of PSHEM Code and Recognition System (Venue: Yeosu Expo)
1030 - 1100	Coffee/Tea Break
1100 - 1730	Field Visit and Lunch (Ministers and Congress Participants)
1730 - 1900	Transit to Changwon City
1900 - 2100	Farewell Night (Venue: Exhibition Hall 2, 3F, CECO)

Legend	Event/Workshop
ST1:1	Our coasts and Seas: The engine of the Blue Economy
ST1:2	Unmasking hidden costs: Accounting for natural capital depreciation and environmental damages
ST2:1	Enabling an Ocean-based Blue Economy through Innovative Technologies and Applications
ST2:2	Monitoring, Reporting and Forecasting: Applications, Benefits and on-the-ground Applications
ST2: 3	Safeguarding Ocean-based Blue Economy through Innovative Solutions to Climate Change and Disaster Risk Reduction
ST3:1	Food Security in Watersheds and Coastal Areas
ST3:2	Using ICM as a Tool to Achieve Aichi Targets
ST3:3	Consolidation and Replication of ICM Lessons and Good Practices
ST3:4	Sustaining Community Livelihoods and Ecosystem Services: Benefits and Strategies
ST4:1	New Directions and Initiatives for Coastal and Ocean Governance at the Global, Regional and National Levels
ST4:2	Corporate Social Responsibility (CSR) Impacts: Collaborations towards an Ocean-based Blue Economy
ST4:3	The Future of the Maritime Transport in a Blue Economy
ST5:1	Transforming Human Resources into Resourceful Humans
ST5:2	Certifying Leaders in Integrated Coastal and Ocean Management
Special Event/ Workshops	Experts Consultation Workshop on Coastal and Marine Spatial Planning Approach: International Experiences
	Green Ports: Gateway to a Blue Economy
	Subregional Inception Workshop on Environmental Sensitivity Mapping for the Gulf of Thailand
Youth Forum	Young Champions for the Oceans



Changwon City
Republic of Korea

EAST ASIAN SEAS CONGRESS

Vicinity Maps and Location Maps of CECO

CHANGWON UICHANG-GU



- 1** Pullman Ambassador Changwon City 7
- 2** Hotel International
- 3** Changwon Hotel
- 4** S&T Canberra Hotel

- 5** Hotel Avenue
- 6** Hotel Dragon
- 7** Sungsan Hotel
- 8** Highfere Hotel

- 9** Namsun Hotel
- 10** AT Business Hotel
- 11** Jeonwon Hotel
- 12** Olympic Hotel

CHANGWON MASAN (HAPPO-GU AND HOEWON-GU)



13 Hotel Riviera

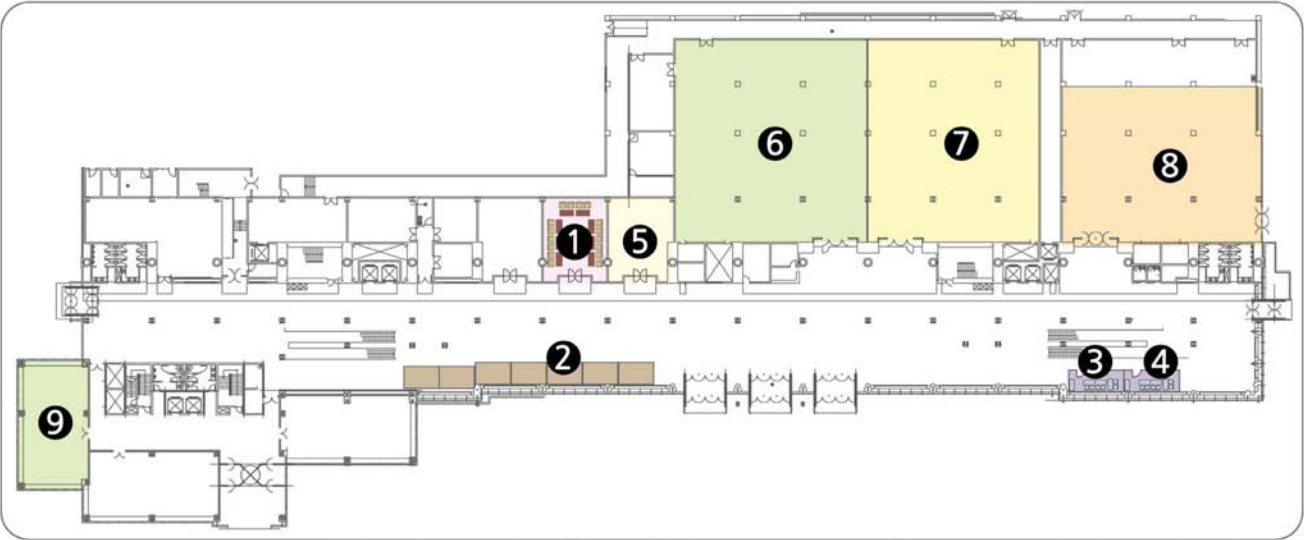
14 Hotel Savoy

15 Masan Arirang Tourist Hotel

16 Masan M Hotel

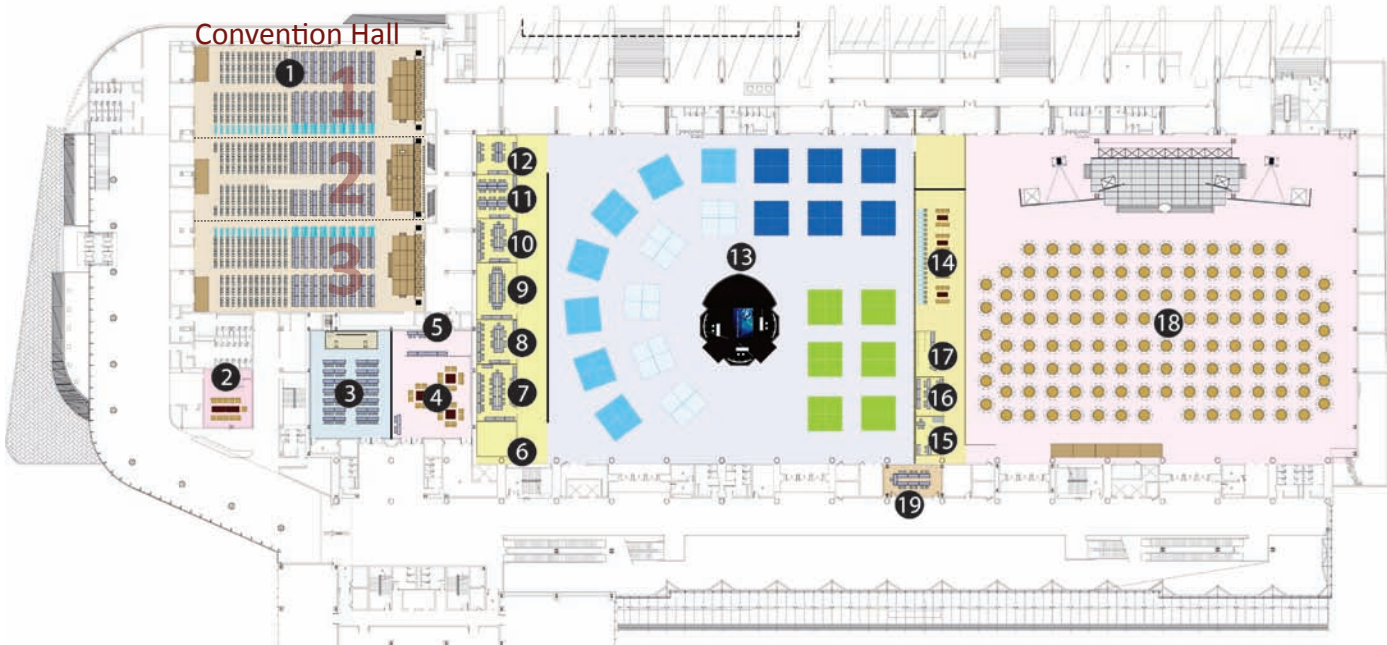
17 Masan Tourist Hotel

CECO 1ST FLOOR



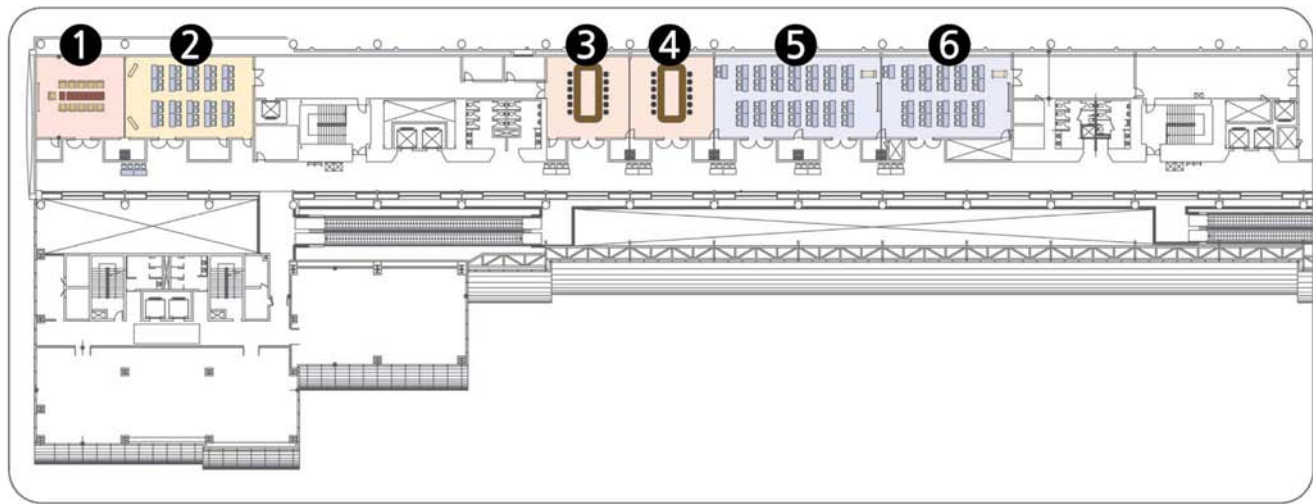
No.	Use	No.	Use	No.	Use
1	Ministers' Lounge	4	Police CP	7	Staff Restaurant
2	Registration/ Information Desk	5	Convenience Store	8	Buffet Restaurant
3	Firefighting CP	6	Souvenir Shop	9	Bank

CECO 3RD FLOOR

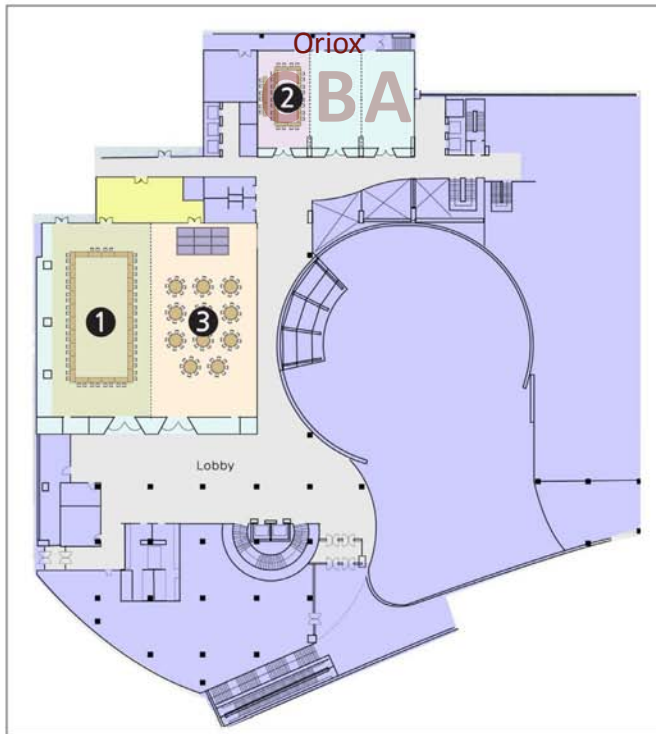


No.	Use	No.	Use	No.	Use
1	Opening/Closing Ceremony, Congress Workshops	9	Meeting Room of Secretariat	17	Cloak Room
2	VIP Room	10	PCO Office	18	Lunch/Dinner
3	Room 301	11	Staffs' Lounge	19	Security CP
4	Speaker's Lounge	12	Situation Room of Protocol		
5	Document Office	13	Exhibition Hall		
6	Storage of Supplies	14	Internet Lounge		
7	PEMSEA Secretariat	15	Medical Room		
8	Local Secretariat	16	Business Center		

CECO 6TH FLOOR



No.	Use	No.	Use	No.	Use
1	Interview Room	3	Bilateral Meeting Room	5	Workshop Room
2	Press Room	4	Bilateral Meeting Room	6	Workshop Room



No.	Use
1	Amoris A
2	Orix
3	Amoris B

2ND FLOOR PULLMAN HOTEL

**Nurturing Coastal and Ocean-based
Blue Economies at the Local Level:
Opportunities and Challenges**



SUBTHEME 1

NURTURING COASTAL AND OCEAN-BASED BLUE ECONOMIES AT THE LOCAL LEVEL: OPPORTUNITIES AND CHALLENGES

Subtheme Chair:



Prof. Chul-Hwan Koh

Intergovernmental Session
Co-Chair
East Asian Seas Partnership
Council, PEMSEA

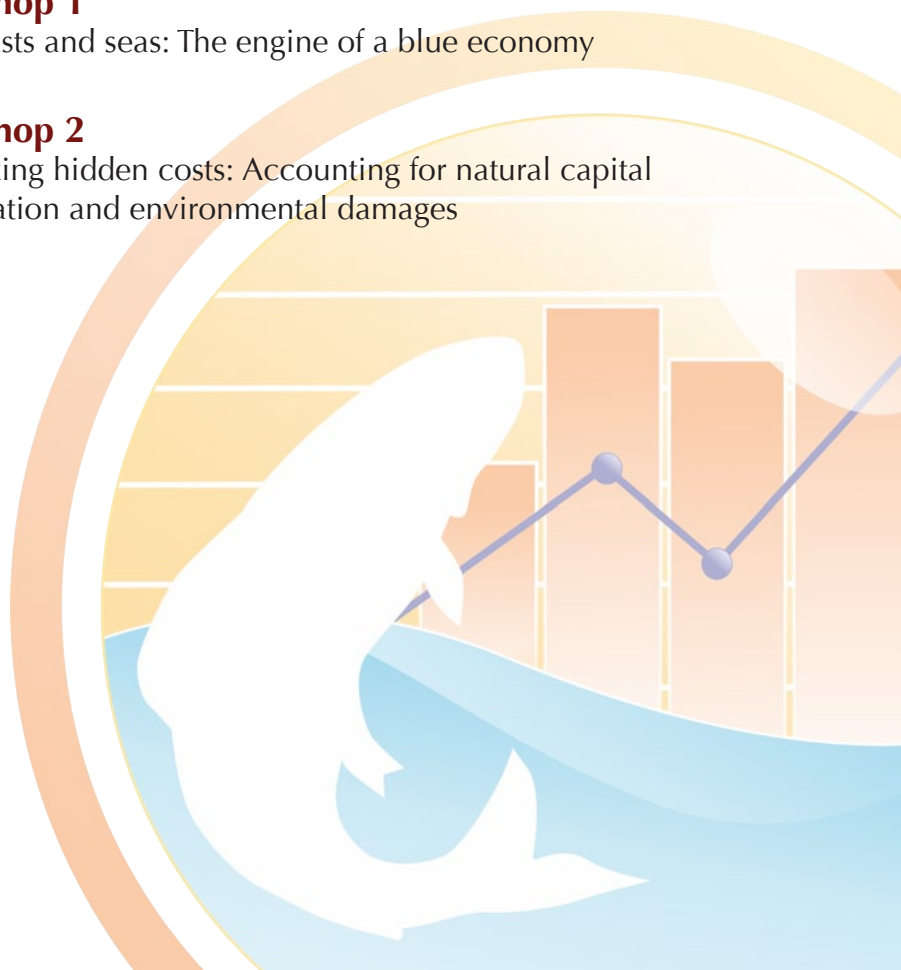
Workshop Topics:

Workshop 1

Our coasts and seas: The engine of a blue economy

Workshop 2

Unmasking hidden costs: Accounting for natural capital depreciation and environmental damages



SUBTHEME 1**Nurturing Coastal and Ocean-based Blue Economies at the Local Level:
Opportunities and Challenges****WORKSHOP 1****Our coasts and seas: The engine of the blue economy****CO-CONVENING AGENCY:**

Partnerships in Environmental Management
for the Seas of East Asia

Schedule: 09 July 2012; 1400 – 1830

Venue: Convention Hall 1, 3F, CECO

Chair: Dr. Cielito Habito

Professor and Director, Ateneo Center for Economic Research and
Development, Ateneo de Manila University, Philippines

In the EAS Congress 2009, the workshop on the contribution of coastal and marine economies to the country's GDP showed that countries in the region depend on the seas and coastal resources in varying degrees to facilitate trade and spur economic development in the coastal area. The coastal economy refers to all economic activities within the coastal and marine areas, marine-related construction and real estate development in the coastal zone, the infrastructure and institution located there, and the population living and working there. The marine or ocean economy refers to the economic activities related to and/or having inputs from the sea, such as fisheries, ports and shipping, coastal tourism, etc. The Blue Economy, as defined by PEMSEA, refers to an economic model that employs green infrastructure, technologies and practices, innovative financing mechanisms and proactive institutional arrangements for meeting the twin goals of protecting our ocean and at the same time enhancing its potential contribution to sustainable development, including improving human well-being and reducing environmental risks and ecological scarcities.

The workshop aims to look at the initiatives at the national and local level and the contribution of integrated coastal management (ICM) in building an ocean-based blue economy.

P R O G R A M M E

1400 – 1410 **Introduction by the Chair**
Dr. Cielito Habito

1410 – 1430 **Keynote: Achieving sustainable development targets at the local level through ICM**
Prof. Dr. Rokhmin Dahuri, Senior Advisor, Center for Coastal and Marine Resources Studies, Bogor Agricultural University, Indonesia

SESSION 1. Blue Economy: Continuing evolution of inclusive and sustainable development

1430 – 1445 **Blue economy development in China**

- **National policy on the blue economy**
Prof. Wen Quan, Chief Scientist, SOA Key Laboratory of Coastal Ecosystem and Environment Research, National Marine Environmental Monitoring Center, State Oceanic Administration (SOA), PR China
- **Keeping the marine economy blue — Blue economy development in the pilot coastal areas of China**
Dr. Wei Bo, Assistant Professor, Third Institute of Oceanography, State Oceanic Administration (SOA), PR China

1500 – 1515 **Blue carbon in mangrove forests — Principles, markets and economics**
Dr. Adrian Ward, General Manager, UQ SMART University of Queensland, St. Lucia Qld, Australia

1515 – 1555 **Moderated panel discussion**
Moderator: Dr. Cielito habito

1555 – 1600 **Session wrap up**
Dr. Cielito Habito

1600 – 1630 **Coffee/tea break**

SESSION 2. Crisis and Opportunities for Sustainable Blue Economy

1630 – 1645 **Zoning and beach protection for sustainable tourism in Sihanoukville, Cambodia**
Mr. Prak Visal, ICM Coordinator, Sihanoukville ICM Project Management Office, Cambodia

1645 – 1700 **Alternative/supplemental livelihood programs in the Philippines**
Ms. Marilou Mendoza, Freelance Livelihood Specialist, Philippines

1700 – 1715 **Lake and river rehabilitation in Muntinlupa City, Philippines**
Mr. John Emmanuel Timothy Pabilonia, Head, City Environmental Protection and Natural Resources Office/Lake Management Office/City Disaster Risk Reduction Management Office, Muntinlupa City, Philippines

1715 – 1730 **Sustainable water supply and waste management in Bali, Indonesia**
Ms. Anak Agung Ratna Dewi, Head, Department of Water Treatment Plant and Environment, Bali Tourism Development Corporation, Nusa Dua, Bali, Indonesia

1730 – 1745 **Sustainable aquaculture/polyculture development in Vietnam**
Ms. Cao Le Quyen, Deputy Director, Vietnam Institute of Fisheries Economics and Planning

1745 – 1820 **Moderated panel discussion**
Moderator: Cielito Habito

1820 – 1830 **Chair's wrap up**
Dr. Cielito Habito

SUBTHEME 1

Nurturing Coastal and Ocean-based Blue Economies at the Local Level: Opportunities and Challenges

WORKSHOP 2

Unmasking Hidden Costs: Accounting for Natural Resource Depreciation and Environmental Damages

CO-CONVENING AGENCIES:



Korea Maritime Institute (KMI)



Coastal and Ocean Management
Institute (COMI) of Xiamen

Schedule: **10 July 2012; 1000 – 1600**
Venue: **Convention Hall 1, 3F, CECO**

Chairs: **Dr. Sung-Gwi Kim**
Senior Research Fellow, Korea Maritime Institute (KMI), RO Korea
Prof. Xue Xiongzhi
Executive Director, Coastal and Ocean Management Institute (COMI),
Xiamen University, PR China

Losses in the natural world and environmental damages have direct economic repercussions that we systematically underestimate. Making the value of our natural capital visible to economies and society creates an evidence base to pave the way for more targeted and cost-effective solutions.

Our nation's coastal ecosystems are vital to our economy and quality of life; however, the health of these resources is in decline. Natural capital is the ecological resource base on which we all depend, but it has been declining rapidly during the recent past decades. The exploitation of ecological systems, and the damage that human activities have had upon them through pollution, conversion and biodiversity loss, has meant that, increasingly, the integrity and capacity of ecosystems to renew themselves have been undermined. Thus, the ecosystem services that flow from them have been impaired and human well-being is threatened.

The **cost of these losses is felt on the ground but can go unnoticed at national and international levels** because the true value of natural capital is missing from decisions, indicators, accounting systems and prices in the market.

P R O G R A M M E

1000 – 1005**Welcoming Remarks**

Dr. Hak-So Kim, President, KMI, RO Korea

1005 – 1010**Introduction by the Co-Chairs**

Dr. Sung-Gwi Kim and Prof. Xue Xiongzhi

SESSION 1. Valuing losses in coastal and marine ecosystem services

Chair: Dr. Sung-Gwi Kim, Korea Maritime Institute (KMI), RO Korea

1010 – 1030**Mangrove and coastal ecosystem losses: Preventing future disaster-related damages (Thailand)**

Dr. Orapan Nabangchang, Senior Economist, Economy and Environment Programme for Southeast Asian (EEPSEA), Thailand

1030 – 1050**Economic value of coastal resources degradation in Seribu Islands:
Is blue economy a solution for reversing the degradation?**

Dr. Tridoyo Kusumastanto, Team Leader, Indonesia Ocean Council, and Board of Trustee, Bogor Agricultural University, Indonesia

1050 – 1110**Ecosystem accounting of biodiversity loss and policy implications**

TBD

1110 – 1130**Marine ecosystem services damage and compensation of sea area use:
Case Study of Xiamen, China**

Ms. Rao Huanhuan, PhD Candidate, Coastal and Ocean Management Institute (COMI), Xiamen University, PR China

1130 – 1225 **Moderated panel discussion**
Moderator: Dr. Sung-Gwi Kim
Panelists: Session 1 presenters

1225 – 1230 **Session wrap up**
Chair: Dr. Sung-Gwi Kim

1230 – 1400 **Lunch Break**

SESSION 2. Restoring and sustaining natural capital through ICM
Chair: Prof. Xue Xiongzhi

1400 – 1415 **Investigating the possibility of whale watching tourism in Korea:
Economic Valuation Perspective**
Dr. Chul-Oh Shin, Senior Researcher, Korea Maritime Institute (KMI), RO Korea

1415 – 1430 **Eco-compensation policy in Fujian Province and cost-efficient solution for sea
reclamation in Xiamen Bay, China**
Dr. Peng Benrong, Associate Professor, Coastal and Ocean Management Institute
(COMI), Xiamen University, PR China

1430 – 1445 **Coral reef degradation: Can restoration reverse the loss?**
Dr. Chou Loke Ming, Professor, Department of Biological Science, National University
of Singapore (NUS), Singapore

1445 – 1500 **Nature's benefits: Getting more for restoration dollars**
Dr. Choong-Ki Kim, Research Professor, Ocean Science and Technology Institute,
Inha University, RO Korea

1500 – 1550

Moderated panel discussion
Moderator: Prof. Xue Xiongzhi

Panelists: Session 2 Presenters

1550 – 1555

Session wrap up
Chair: Prof. Xue Xiongzhi

1555 – 1600

Workshop summary and conclusions
Co-chairs: Dr. Sung-Gwi Kim
Prof. Xue Xiongzhi

SUBTHEME 1

PLENARY SESSION

Nurturing Coastal and Ocean-based Blue Economies at the Local Level: Opportunities and Challenges

Schedule: **10 July 2012; 1630-1830**
Venue: **Convention Hall 1, 3F, CECO**

Subtheme 1 Chair: Prof. Chul-Hwan Koh

Technical Session Co-Chair, EAS Partnership Council and Emeritus
Professor, Marine Ecology Department, Seoul National University,
RO Korea

Co-chairs: Dr. Cielito Habito

Professor and Director, Ateneo Center for Economic Research and
Development, Ateneo de Manila University, Philippines

Dr. Sung-Gwi Kim

Senior Research Fellow, Korea Maritime Institute (KMI), RO Korea,
Korea Maritime Institute (KMI), RO Korea

Prof. Xue Xiongzhi

Executive Director, Coastal and Ocean Management Institute
(COMI), Xiamen University, PR China

The Subtheme 1 Plenary will synthesize the issues raised and will review the conclusions and recommendations of the two workshops under Subtheme 1. In particular, the plenary session aims to highlight the need to ensure sustainability of the blue economy by adopting conservation programs or projects that protect natural capital of the coastal and marine environment at the local, national and regional levels, as well as the need to account for losses from ecosystem services due to natural and man-made damages and their impact to social, environment, and economic development. A target output of the plenary is a policy brief on nurturing a sustainable ocean-based blue economy at the local level in the East Asian Seas region, for submission to the Ministerial Forum as a supporting document to the Changwon Declaration.

P R O G R A M M E

1630 – 1640	Introduction by the Chair Prof. Dr. Chul Hwan Koh • Purpose of the subtheme 1 plenary session • Target output of the plenary session
1640 – 1650	Presentation of the Subtheme 1 Workshop 1: Our coasts and seas: The engine of the Blue Economy Conclusions and Recommendations Dr. Cielito Habito
1650 – 1700	Presentation of the Subtheme 1 Workshop 1: Unmasking hidden costs: Accounting for natural capital depreciation and environmental damages Conclusions and Recommendations Dr. Sung Gwi Kim/Prof. Xue Xiongzhi
1700 – 1710	Presentation of draft policy brief on nurturing a sustainable ocean-based blue economy at the local level in the East Asian Seas region Ms. Maricor Ebarvia-Bautista, Consultant, PEMSEA
1710 – 1820	Facilitated discussion on: • Key issues raised from the Subtheme 1 Workshops • Conclusions and recommendations of the Subtheme 1 Workshops • Inputs/discussion of the policy brief
1820 – 1830	Wrap up and session closing

**Accelerating Blue Innovations in
Support of an Ocean-based
Blue Economy**



SUBTHEME 2

ACCELERATING BLUE INNOVATIONS IN SUPPORT OF AN OCEAN-BASED BLUE ECONOMY

Subtheme Chair:



Prof. Stephen de Mora

Executive Director
Plymouth Marine Laboratory and
PML Applications, Ltd.,
United Kingdom

Workshop Topics:

Workshop 1

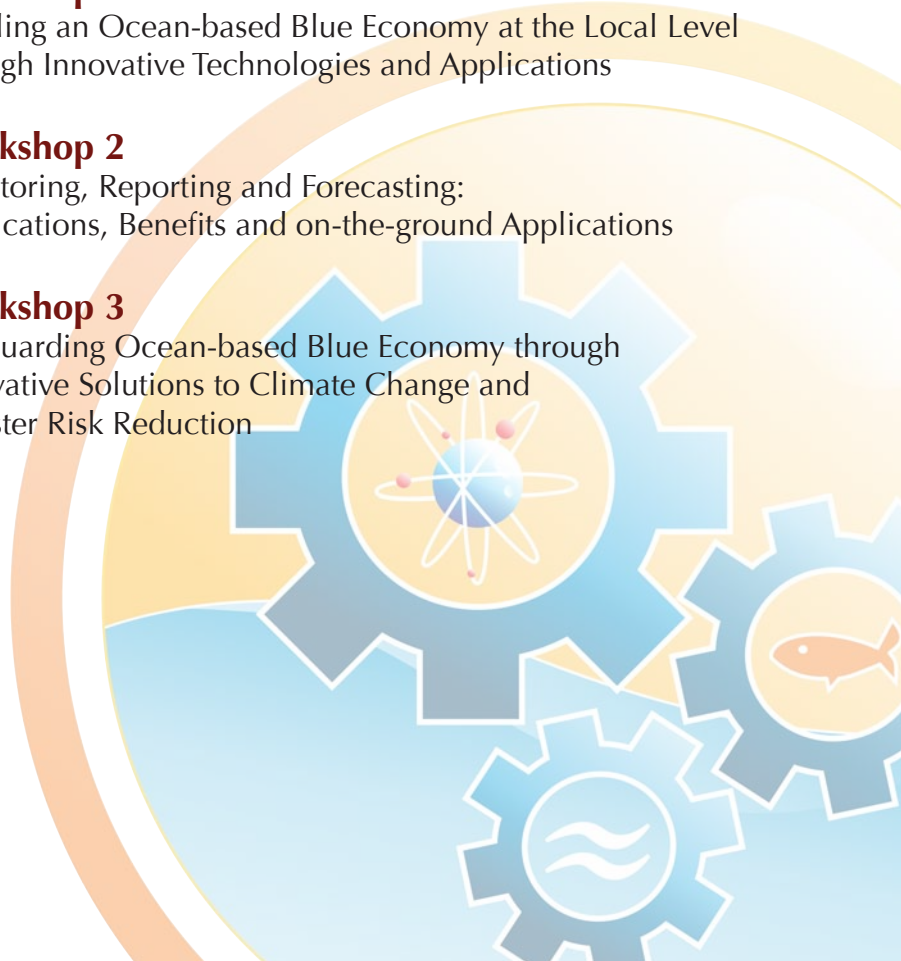
Enabling an Ocean-based Blue Economy at the Local Level through Innovative Technologies and Applications

Workshop 2

Monitoring, Reporting and Forecasting:
Applications, Benefits and on-the-ground Applications

Workshop 3

Safeguarding Ocean-based Blue Economy through
Innovative Solutions to Climate Change and
Disaster Risk Reduction



SUBTHEME 2**Accelerating Blue Innovations in support of an Ocean-based Blue Economy****WORKSHOP 1****Enabling an Ocean-based Blue Economy at the Local Level through Innovative Technologies and Applications****CO-CONVENING AGENCY:**

First Institute of Oceanography (FIO),
State Oceanic Administration, China

Schedule: **09 July 2012; 1400 – 1830**

Venue: **Convention Hall 2, 3F, CECO**

Chair: **Mr. Fangli Qiao**

Vice President, The First Institute of Oceanography, State Oceanic Administration, P.R. China

Co-chair: **Dr. Luky Adrianto**

Deputy Director, Center for Coastal and Marine Resources Studies,
Bogor Agricultural University, Indonesia

The workshop intends to discuss key features of an ocean-based blue economy and highlight innovative technologies and approaches that demonstrate and/or facilitate these features. In particular, the discussions will focus on “what and how” innovative technologies contribute to the sustainability of marine and coastal ecosystems, and how sustainable ecosystem services can facilitate the development of blue economy at the local level. The workshop primarily aims to promote enhanced knowledge on the technology options and their applications, and how these can be utilized or adapted by local governments.

The workshop also intends to discuss approaches to promote integrated application of innovative/green technologies at the local level, including use of ICM and other platforms/frameworks for integrated management of marine and coastal areas, integration into national and local development and investment plans, and local capacity development.

P R O G R A M M E

SESSION 1

Part 1: Introduction and Keynote Presentation

1400 – 1410

Introduction by the Chair

Mr. Fangli Qiao

1410 – 1440

Keynote Presentation

Bridging science and technology to coastal and marine management and economy

Prof. Quan Wen, Professor, National Marine Environment Monitoring Center,
PR China

SESSION 2

Part 2: Technology developments and advancements in support of sustainable marine and coastal development

1440 – 1455

Innovative approaches to mangrove rehabilitation and management – A case study from the Mekong Delta in Viet Nam

Dr. Klaus Schmitt, Chief Technical Advisor, Deutsche Gesellschaft für
Internationale Zusammenarbeit (GIZ, German International Cooperation),
Soc Trang City, Viet Nam

1455 – 1510

Coral reef restoration: Initiatives from a Philippine academic institution

Dr. Ronald Villanueva, Deputy Director, Bolinao Marine Laboratory,
Marine Science Institute, University of the Philippines, Philippines

1510 – 1525

Consultancy for Agricultural Productivity Enhancement (CAPE): Bringing technical expertise to the ponds

Dr. Maripaz L. Perez, Regional Director for Asia and Country Manager,
The WorldFish Center, Philippines

1525 – 1540

Qingdao creates ocean-based Silicon Valley

Mr. Guofeng Yue, Deputy Director, Ocean-based Silicon Valley Core Area
Administration, Qingdao, PR China

1540 – 1555 **Building coastal community resilience — The contribution of mangrove ecosystems**
Dr. Steen Christensen, Regional Coordinator, Mangroves for the Future (MFF),
The International Union for Conservation of Nature and Natural Resources (IUCN)

1600 – 1630 **Coffee Break**

SESSION 1

Part 3: Approaches and strategies for integrated application of innovative technologies

1630 – 1650 **Advancing blue innovations through ICM: The case of Chonburi, Thailand**
Mr. Narongchai Khunplome, Mayor, Saensuk Municipality, Chonburi, Thailand

1650 – 1710 **Application of *Satoumi* Concept to ecosystem-based blue economy at the local level**
Prof. Osamu Matsuda, Professor Emeritus, Hiroshima University/Science and Policy
Committee, International EMECS Center, Japan

1710 – 1730 **Human and environment in harmony: The City of Changwon, the Environmental Capital of Korea**
Mr. Lee Dong Chan, Director-General for Economy, Changwon City, RO Korea

SESSION 2

Panel Discussion/Open Forum

1730 – 1830 **Panel Discussion:**

- Overview/summary of innovative technologies and applications that contribute towards sustainable marine and coastal development, potential for application and scaling up in the EAS region;
- Initiatives to accelerate innovation and application;
- Integration of innovations for greater effectiveness/efficiency; and
- Applications at the local level: social, economic, ecological benefits; and approaches to facilitate implementation.

Workshop wrap up and Conclusions

SUBTHEME 2 Accelerating Blue Innovations in support of an Ocean-based Blue Economy

WORKSHOP 2

Monitoring, Reporting and Forecasting: Applications, Benefits and on-the-ground Applications

CO-CONVENING AGENCIES:



Plymouth Marine Laboratory (PML)



Korea Ocean Research and
Development Institute (KORDI)

Schedule: **10 July 2012; 1000 – 1600**
Venue: **Convention Hall 3, 3F, CECO**

Chair: **Prof. Stephen de Mora**
Executive Director, Plymouth Marine Laboratory and
PML Applications, Ltd., United Kingdom

Co-chair: **Prof. Trevor Platt**
Executive Director, Partnership for the Observation of the Global
Oceans, Plymouth Marine Laboratory, United Kingdom
Dr. Kyung-Tae Jung
Principal Research Scientist, Marine Environment and Conservation
Research Department, Korea Ocean Research and Development
Institute (KORDI), RO Korea

Effective planning and decisionmaking for coastal and marine management should be supported by *sound science*. Scientific information is readily available from earth observation platforms as well as global ocean models, but efforts should be continuously undertaken to localize these information so that they can be useful inputs for planning and decisionmaking in coastal and marine management.

Regular monitoring, evaluation and reporting is also essential to promote adaptive management in the coastal and marine environment. Several efforts are being undertaken, at the national and global levels to promote the regular assessment of the oceans and coasts. However, this may not reflect the situation on the ground, thus the need to also consider localizing tools for monitoring and reporting to support adaptive coastal and marine management.

This workshop will focus on some of the global ocean observation platforms, and ocean and ecosystem models and how these are applied locally in various aspects of coastal and marine management.

The workshop will discuss how results from these science-based tools are used in planning and decisionmaking that derives benefits to coastal communities. Case studies from within and outside the East Asian Seas region will be presented.

The workshop will also discuss the importance of regular monitoring and reporting systems at all levels (i.e., local, national, global) as input to planning and adaptive coastal and marine management. It will also tackle how local monitoring systems can complement and add value to national and global reporting mechanisms.

P R O G R A M M E

1000 – 1005

Introduction by the Workshop Chair

- Overview of the workshop
- Objectives of the sessions and expected outputs

Workshop Chair: Prof. Stephen de Mora

SESSION 1. Sea from space: Harnessing information from ocean observation platforms for sound planning and decisionmaking

1005 – 1015

Session Chair's Introduction

Chair: Prof. Trevor Platt

1015 – 1035

Keynote on the application of ocean observation and remote sensing for sound planning and decisionmaking

Dr. Joo-Hyung Ryu, Director, Korea Ocean Satellite Center,
Korea Ocean Research and Development Institute (KORDI), RO Korea

1035 – 1050

Ocean-colour products for climate change: Criteria for selecting algorithms

- **Application of ocean satellite data in climate change studies and understanding marine ecosystem properties**

Dr. Shubha Sathyendranath, Science Staff, Remote Sensing, Modelling and Optics,
Plymouth Marine Laboratory, United Kingdom

1050 – 1105

Use of remote sensing data for monitoring harmful algal blooms (HABs) and eutrophication

- **HAB and eutrophication monitoring in Japan and in Northwestern Pacific**

Dr. Joji Ishizaka, Professor, Hydrospheric, Atmospheric Research Center,
Nagoya University, Japan

1105 – 1120

Developing exposure models using remotely-sensed information

- **Application in Southeast Asia and the Philippines**
- **Application in marine protected areas management**

Dr. Laura David, Professor, Marine Science Institute, University of the Philippines,
Philippines

1120 – 1130

Question and Answer

SESSION 2. Today's models: Tomorrow's future

1130 – 1140	Session Chair's Introduction Dr. Kyung-Tae Jung
1140 – 1200	Today's models, tomorrow's future Keynote on ecosystem modeling for coastal and ocean management Prof. Icarus Allen, Head of Science, Marine Ecosystem Modelling, Plymouth Marine Laboratory, United Kingdom
1200 – 1215	The ocean ecosystem modeling for the estimation of global warming effects • Understanding the effects and response of biological processes to global warming • Use of the ocean ecosystem model as communication tool to policymakers Dr. Akio Sohma, Research Director, Mizuho Information and Research Institute, Japan
1215 – 1230	Phenology of seasonal phytoplankton bloom in the coastal waters: Remote sensing and modeling study • Understanding phytoplankton bloom dynamics through remotely sensed data • Application in Gulf of Maine Dr. Hongjun Song, Assistant Research Scientist, First Institute of Oceanography, State Oceanic Administration, PR China
1230 – 1400	Lunch
1400 – 1415	Habitat model for the inter-tidal zone in Korea • Understanding habitat changes in the inter-tidal zone as an effect of coastal area developments • Application in Ganghwa and Saemangeum, western Korea *Dr. Hongyeon Cho, Principal Research Scientist and Dr. Bon Joo Koo, Senior Research Scientist, Marine Living Resources Research Department, Korea Ocean Research and Development Institute, RO Korea
1415 – 1430	Question and Answer

NOTE: *presenter

SESSION 3. Making it a habit: regular monitoring and reporting system for coastal and marine management

- 1430 – 1440** **State of the Coasts Reporting System for local governments implementing ICM programs**
Ms. Nancy Bermas, Senior Country Manager, PEMSEA Resource Facility
- 1440 – 1455** **State of the Coasts of Dongying, PR China**
Dr. Zhang Zhaohui, Associate Professor, First Institute of Oceanography, State Oceanic Administration, PR China
- 1455 – 1510** **State of the Coasts of Guimaras Province, Philippines**
Mr. Leonard Pasiderio, Environmental Management Specialist 1, Guimaras Environment and Natural Resources Office, Guimaras, Philippines
- 1510 – 1525** **State of the Coasts of Danang, Vietnam**
Ms. Pham Thi Chin, Chief of Sea and Island Division, Department of Natural Resources and Environment/Coordinator, National Integrated Coastal Management Project, Danang, Vietnam
- 1525 – 1600** **Moderated discussion and workshop wrap up**
1. How can data/results from global and national observation platforms, ecosystem models and other science-based tools be accessible and useful to local sites in their coastal management programs?
 2. What is the value of local monitoring assessments in validating and maximizing the benefits of readily available information from observation platforms? OR
 3. How do local monitoring assessments complement national and global assessments?
- **Wrap up and conclusions**
Prof. Stephen de Mora
Panelists: All workshop speakers

SUBTHEME 2**Accelerating Blue Innovations in support of an Ocean-based Blue Economy****WORKSHOP 3****Safeguarding Ocean-based Blue Economy through Innovative Solutions to Climate Change and Disaster Risk Reduction****CO-CONVENING AGENCY:**

Korea Marine Environment
Management (KOEM)

Schedule: 11 July 2012; 1000 – 1600

Venue: Convention Hall 1, 3F, CECO

Chair: Mr. Hyun-Jong Kim

Vice President for Marine Conservation, Korean Marine Environment
Management Corporation (KOEM), RO Korea

The world witnessed two recent mega-disasters caused by heavy rains and flooding in Thailand and in the Philippines. Disasters are worsening and continuously bringing destruction to society that often result to significant losses in lives and properties as well as to the economy. Climate scientists are looking at climate uncertainties and variability, which are typical characteristics of climate change, as the possible causes. Coastal areas are vulnerable to climate change due to its compounding effects such as sea-level rise, ocean warming and acidification. Coastal areas are also vulnerable to natural hazards such as tsunamis, which recently damaged the Japanese eastern coast heavily.

There is increasing interest in the development and application of tools and methodologies for addressing climate change vulnerability assessment and adaptation in the coastal and ocean sector, particularly at the subnational or local level. In particular, bottom-up or participatory approaches for climate change adaptation involving strong stakeholders' participation are proving to be effective tools for communities and local governments in developing strategies and policies. There is also recognition of the need to integrate the risks associated with climate change and natural disasters including severe weather events into the broader framework of integrated coastal management (ICM), which aims to achieve sustainable development of coastal and marine areas.

The workshop is intended to explore sound methodologies and good practices in climate change vulnerability assessment as well as adaptation to climate change and disaster risk reduction, which are designed to enhance the resiliency of the coastal and ocean sector.

SESSION 1. Good practices in climate change adaptation and disaster risk reduction

1000 – 1010

Introduction by the Chair

Mr. Hyun-Jong Kim, Vice President, Korea Marine Environment Management Corporation, RO Korea

1010 – 1030

Keynote Presentation

Climate change and disaster risk reduction

Dr. Elisea Gozun, Presidential Adviser on Climate Change, Office of the President, Philippines

1030 – 1050

Disaster risk reduction and management framework of Guimaras Province, Philippines

Dr. Felipe Hilan A. Nava, Governor, Guimaras Province, Philippines

1050 – 1110

Assessing vulnerable and risk areas of inundation in Jakarta Bay

Dr. Safwan Hadi, Professor of Physical Oceanography, Faculty of Earth Sciences and Technology, Bandung Institute of Technology, Indonesia

1110 – 1130

Mega Delta and climate change: A case study in Mekong Delta Area

Dr. Vu Thanh Ca, Director, Research Institute for the Management of Seas and Islands, Vietnam Administration of Seas and Islands, Vietnam

1130 – 1150

Building resilience of the coasts to the impacts of tsunami

Mr. Taishi Yamamoto, Director for International Policy, Industrial Port Policy Division Ports and Harbours Bureau, Ministry of Land, Infrastructure, Transport and Tourism Japan

1150 – 1210

Recent developments in vulnerability assessment in RO Korea

Dr. Kwang-Woo Cho, Research Fellow, National Climate Change Adaptation Center Korea Environment Institute, RO Korea

1210 – 1230 **Macro-scale land and sea use zoning plan for Manila Bay, Philippines: Scenarios for sea level rise, flooding and storm surges as a consequence of climate change, variability and extremes**
Dr. Rosa T. Perez, Senior Research Fellow, The Manila Observatory, Philippines

1230 – 1400 **Lunch Break**

SESSION 2. Panel Discussion

1400 – 1530

- Recommendations on effective methodologies for vulnerability assessment and adaptation policy development.
- Strengths and weaknesses of current methodologies
- Suggest good practices and way forward.
- Identify potential areas of collaboration

Moderator: **Dr. Won-Tae Shin**

Chief Executive Officer, Global Ocean Inc., RO Korea

Panelists:

- **Dr. Mario Delos Reyes**, Associate Professor, School of Urban and Regional Planning University of the Philippines, Philippines
- **Dr. Jung-Ho Nam**, Director, Department of Marine Environment and Climate Change Research, Korea Maritime Institute, RO Korea
- **Dr. Kem Lowry**, Professor, University of Hawaii, USA

1530 – 1600 **Conclusions and Wrap up**
Mr. Hyun-Jong Kim

SUBTHEME 2 Accelerating Blue Innovations in support of an Ocean-based Blue Economy

PLENARY SESSION

Blue Innovations: Challenges and Opportunities for Application in the East Asian Seas Region

Schedule: **11 July 2012; 1630 – 1800**
Venue: **Convention Hall 1, 3F, CECO**

Subtheme 2 Chairs: **Prof. Stephen de Mora**
Executive Director, Plymouth Marine Laboratory and
PML Applications, Ltd., United Kingdom

Co-Chairs: **Mr. Qiao Fangli**
Vice President, The First Institute of Oceanography,
State Oceanic Administration, P.R. China

Prof. Stephen de Mora
Executive Director, Plymouth Marine Laboratory
and PML Applications, Ltd., United Kingdom

Mr. Kim Hyun-Jong
Vice President, Korea Marine Environment
Management Corporation, RO Korea

The plenary session will introduce the key outputs of Subtheme 2, the Draft Policy Brief on Accelerating Blue Innovations in Support of an Ocean-based Blue Economy and stimulate discussions for its refinement based on the results, conclusions and recommendations from the three workshops, including identification of actions that can be taken after the EAS Congress.

P R O G R A M M E

1630 – 1640**Opening of the Subtheme Plenary****Policy brief highlights**

Prof. Stephen de Mora, Executive Director, Plymouth Marine Laboratory and PML Applications, Ltd., United Kingdom

Presentation of workshop results, conclusions and recommendations**1640 – 1650****Workshop 1: Enabling an ocean-based blue economy through innovative technologies and applications**

Mr. Fangli Qiao, Vice President, The First Institute of Oceanography, State Oceanic Administration, P.R. China

1650 – 1700**Workshop 2: Monitoring, reporting and forecasting: Applications, benefits and on-the-ground applications**

Prof. Stephen de Mora, Executive Director, Plymouth Marine Laboratory and PML Applications, Ltd., United Kingdom

1700 – 1710**Workshop 3: Safeguarding ocean-based blue economy through innovative solutions to climate change and disaster risk reduction**

Mr. Hyun-Jong Kim, Vice President, Korea Marine Environment Management Corporation, RO Korea

1710 – 1740**Open discussion and inputs to policy brief****1740 – 1800****Synthesis and wrap up**

Prof. Stephen de Mora

**Securing Ecosystem Services
through Integrated Coastal and
Ocean Management**



SUBTHEME 3

SECURING ECOSYSTEM SERVICES THROUGH INTEGRATED COASTAL AND OCEAN MANAGEMENT

Subtheme Chair:



Dr. Cielito Habito

Professor and Director
Ateneo Center for Economic
Research and Development,
Ateneo de Manila University,
Philippines

Workshop Topics:

Workshop 1

Food Security in Watersheds and Coastal Areas

Workshop 2

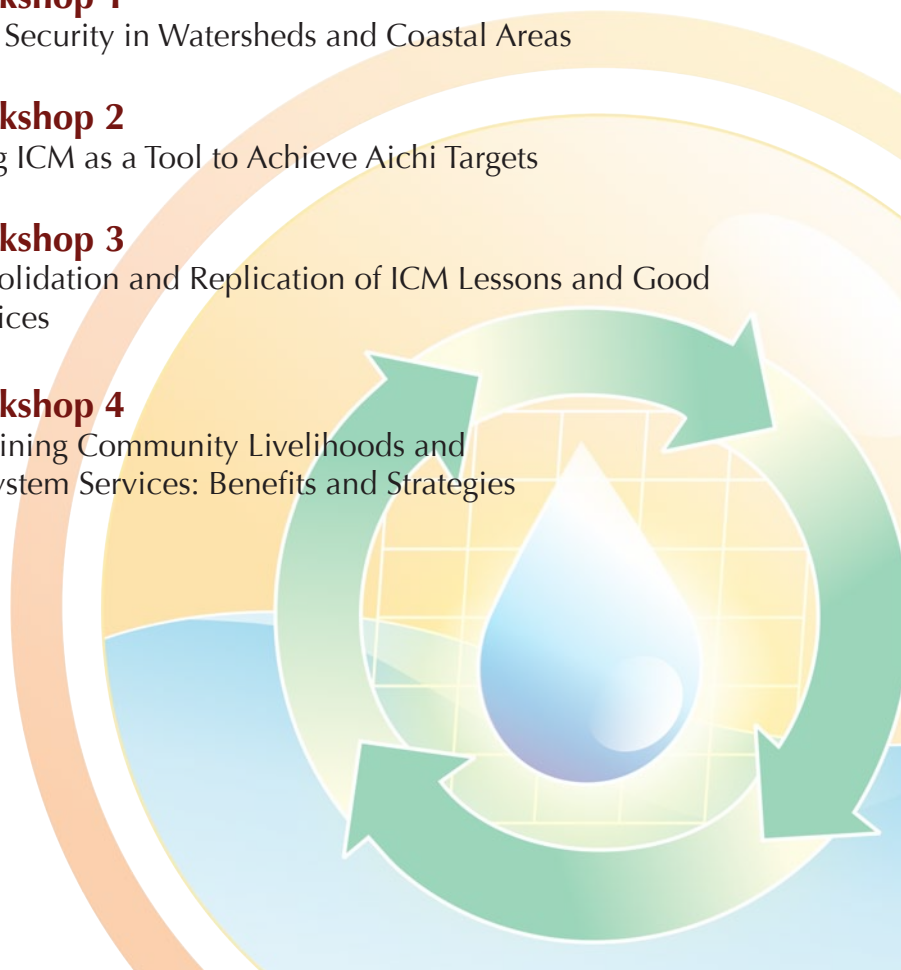
Using ICM as a Tool to Achieve Aichi Targets

Workshop 3

Consolidation and Replication of ICM Lessons and Good Practices

Workshop 4

Sustaining Community Livelihoods and Ecosystem Services: Benefits and Strategies



SUBTHEME 3**Securing Ecosystem Services through Integrated Coastal and Ocean Management****WORKSHOP 1****Food Security in Watersheds and Coastal Areas****CO-CONVENING AGENCY:**

Schedule: 11 July 2012; 1000 – 1600

Venue: Convention Hall 2, 3F, CECO

Chair: Dr. Sudirman Saad

Director General, Ministry of Marine Affairs and Fisheries, Indonesia

Co-chair: Atty. Asis Perez

Executive Director, Bureau of Fisheries and Aquatic Resources,
Philippines

Food security as a crucial global issue consists of three intricately related variables: availability, access and utilization. Food availability implies that sufficient quantities of appropriate and/or necessary types of food are available; hence, this variable is largely technological in nature. Constraints to food availability include inappropriate production or harvesting practices of crops, fisheries and livestock as well as factors like climate change, sea level rise and natural hazards. Food access as a variable implies that the population has adequate income or other resources to purchase or barter to obtain levels of appropriate food. Food utilization/consumption relates to aspects of proper food usage (such as proper food processing and storage techniques) as well as adequate health and sanitation services. Food security in watersheds and coastal areas is best sustained through integrated management approaches. Hence, this workshop aims to assess the issue of food security in the context of ICM taking into account the elements of food availability, access and utilization.

P R O G R A M M E

- 1000 – 1012** **Workshop Overview**
Dr. Sudirman Saad
- 1013 – 1015** **Introduction of Keynote Speaker**
Dr. Maripaz L. Perez, Regional Director for Asia and Country Manager,
The WorldFish Center
- 1015 – 1045** **Keynote paper: Food security in watersheds and coastal areas of the Southeast Asian Region with emphasis in Indonesia**
Dr. Sudirman Saad, Director General, Directorate General for Marine, Coastal and Small Islands, Ministry of Marine Affairs and Fisheries, Indonesia
- Part 1. Case studies at the local and national levels on how ICM helps achieve food security**
- 1045 – 1100** **Utilizing ICM to address food security issues in Chonburi, Thailand**
Dr. Praparsiri Barnette, Assistant Professor Head, Department of Aquatic Science, Faculty of Science, Burapha University, Chonburi, Thailand
- 1100 – 1115** **Small-scale fisheries and food security in the Philippines**
Mr. Len R. Garces, Research Fellow, Natural Resources Management, The WorldFish Center, Philippines
- 1115 – 1130** **Contributions to food security of coastal resources management initiatives in Zamboanga del Sur**
Hon. Antonio H. Cerilles, Governor, Province of Zamboanga del Sur, Philippines
- 1130 – 1145** **Food security in the watersheds of Lao PDR**
Mr. Souphasay Komany, Assistant Director, Water Resources Coordination Committee, Secretariat, Water Resources and Environment Administration, Prime Minister's Office, Lao PDR

1145 – 1230 Open Forum: Moderated discussion

Part 2. Regional and international initiatives and their contribution in achieving food security

- 1400 – 1415 Aquaculture growth, food security and ecological systems**
Dr. Michael Phillips, Senior Scientist, Aquaculture and Genetic Improvement,
The WorldFish Center, Malaysia
- 1415 – 1430 Sustainable Fisheries Management Project of Sulu-Celebes Sea in relation to food security**
Dr. Annadel S. Cabanban, Senior Fisheries Expert, Sulu-Celebes Seas Sustainable Fisheries Management Project, Philippines
- 1430 – 1445 Sustainable fisheries management in China in relation to regional food security**
Dr. Xianshi Jin, Deputy Director General and Senior Scientist, Yellow Sea Fisheries Research Institute, PR China
- 1445 – 1500 Reframing governance in integrated river basin and coastal management with emphasis on food security issues**
Dr. Birgitta Liss Lymer, Programme Manager, Stockholm International Water Institute (SIWI), Sweden
- 1500 – 1515 Food security in relation to fisheries in the Western and Central Pacific region**
Dr. Sung Kwon Soh, Science Manager and Acting Executive Director,
Western and Central Pacific Fisheries Commission Secretariat,
Federated States of Micronesia
- 1515 – 1600 Open Forum: Moderated discussion and Chair's synthesis**

SUBTHEME 3

Securing Ecosystem Services through Integrated Coastal and Ocean Management

WORKSHOP 2

Using ICM as a Tool to Achieve Aichi Targets

CO-CONVENING AGENCIES:



ASEAN Centre for
Biodiversity (ACB)



GIZ-ACB Biodiversity and
Climate Change Project



Asia-Pacific
Economic Cooperation
APEC Marine Sustainable
Development Center

Schedule: **10 July 2012; 1000 – 1630**
Venue: **Convention Hall 2, 3F, CECO**

Chair: **Ms. Clarissa Arida**
Director, Programme Development and Implementation,
ASEAN Centre for Biodiversity

Co-chair: **Dr. Cai Feng**
Deputy Director General, Third Institute of Oceanography (TIO),
State Oceanic Administration (SOA), PR China
Prof. Zhou Qiulin
Third Institute of Oceanography, State Oceanic Administration (SOA),
PR China
Dr. Sheila G. Vergara
Director, Biodiversity Information Management,
ASEAN Centre for Biodiversity

In recognition of the complexity of pressures and urgency to address biodiversity loss in coastal and marine ecosystems, the Jakarta Mandate Work Programme adopted in 2000 identifies integrated marine and coastal area management as a key programme element to sustainably manage marine and coastal ecosystems. Yet Global Biodiversity Outlook (3) in 2010 concludes that coastal habitats continue to decline in extent, threatening highly valuable ecosystem services.

This workshop will explore good practices from country case studies on the use of MPA, integrated coastal management (ICM) and other approaches at regional, national and subnational levels to address biodiversity loss, reduce pressures, improve the status and enhance benefits of coastal and marine biodiversity and ecosystem services. The workshop will also explore how these approaches can better contribute to the achievement of the Aichi Target of 10 percent coverage of coastal and marine areas by MPAs and their integration into wider landscapes and seascapes, as embodied in the Strategic Plan for Biodiversity (2011-2020) of the Convention on Biological diversity.

Outputs of the workshop consist of conclusions and recommendation of measures to be taken to achieve the Aichi Target, for integration into a policy brief under the theme of securing ecosystems services through integrated coastal and ocean management.

Part 1. Coastal and Marine Ecosystems: Using ICM approach to Achieve Aichi Biodiversity Targets

1000 – 1015

Introduction by the Chair

Ms. Clarissa Arida

1015 – 1030

ICM and MPA Management: PEMSEA experience in East Asian Seas

Mr. Stephen Adrian Ross, Chief Technical Officer, PEMSEA Resource Facility

1030 – 1045

Ecosystems services and drivers of biodiversity loss in coastal and marine ecosystems

Mr. Rodrigo Fuentes, Executive Director, ASEAN Centre for Biodiversity (ACB)

1045 – 1125

Panel discussion:

ICM implementation and scaling up: addressing overexploitation and habitat destruction through ICM, MPAs and other conservation approaches

- **Mr. Ouk Vibol**, Director, Department of Fishery Conservation, Ministry of Agriculture, Fishery and Forestry, Cambodia
- **Assc. Prof. Dr. Nguyen Chu Hoi**, Department of Environment Management, Faculty of Environment, Hanoi University of Science (HUS), Viet Nam
- **Ms. Loreta A. Sollestre**, Senior Environmental Management Specialist Head, Planning and Coastal Management Section, Environment and Natural Resources Office, Provincial Government of Batangas, Philippines
- **Dr. Fang Qinhua**, Associate Professor, Xiamen University, Fujian Province, PR China

1125 – 1155

Panel discussion:**Achieving Target 11: At least 10 percent of coastal and marine areas are conserved**

- **Ms. Ahsanal Kasasiah**, Deputy Director for Marine and Aquatic Resources Conservation, Ministry of Marine Affairs and Fisheries, Indonesia
- **Dr. Zhang Zhaohui**, Associate Professor, First Institute of Oceanography, State Oceanic Administration, PR China
- **Mr. Naoki Amako**, Assistant Director, Biodiversity Policy Division, Nature Conservation Bureau, Ministry of the Environment, Japan

1155 – 1230

Open forum and Wrap up of Session 1

Ms. Clarissa Arida

Part 2. Aichi Targets on biodiversity: Building resilient coastal and marine ecosystems

Co-chairs: Prof. Zhou Qiulin, SOA; and Ms. Sheila Vergara, ACB

1400 – 1410

Introduction by the Chair

Prof. Zhou Qiulin

1410 – 1430

Habitat rehabilitation and fishery management for flagship species and ecosystems

- **Viet Nam**
- **Philippines**
- **Dr. Nguyen Thi Phuong Dung**
Director of Center for Fisheries Communities Development, Viet Nam Institute of Fisheries Economics and Planning (VIFEP) Viet Nam,
- **Ms. Sandra Victoria R. Arcamo**
Chief, Fisheries Resource Management Division, Bureau of Fisheries and Aquatic Resources, Philippines

1430 – 1440 **Community co-management in achieving biodiversity conservation, disaster risk reduction and food security: A case study in Malaysia**
Ms. Illisriyani Ismail, Institute of Agricultural and Food Policy Studies, Malaysia

1440 – 1455 **Open Forum and Wrap up of Part 2**
Prof. Zhou Qiulin

Part 3. Towards sustainable use and equitable benefit sharing: Integrating biodiversity concerns into regional mechanisms, national blue economy development plans and sectoral plans
Co-Chairs: Dr. Cai Feng, SOA; and Ms. Clarissa Arida, ACB

1455 – 1505 **Introduction**
Ms. Clarissa Arida

1505 – 1515 **Addressing food security through conservation of coral reefs and fisheries management**
Mr. Permana Yudianto, Assistant Coordinator, CTI-CFF Regional Secretariat

1515 – 1525 **Integrating biodiversity considerations into blue economy development planning**
Dr. Liu Zhenghua, Professor, APEC Marine Sustainable Development Center, Third Institute of Oceanography, State Oceanic Administration, PR China

1525 – 1600 **Panel discussion**
Integrating biodiversity and MPA targets into regional plans and national SDS-SEA implementation

- **Atty. Asis G. Perez**, Director, Bureau of Fisheries and Aquatic Resources, Philippines
- **Dr. Berthold Seibert**, Project Director, Biodiversity and Climate Change Project, GIZ
- **Dr. Chou Loke Ming**, Department of Biological Sciences, Faculty of Science, National University of Singapore (NUS), Singapore

- **Ms. Cristi Marie C. Nozawa**, Regional Director, BirdLife International (Asia)
- **Dr. Ellik Adler**, Coordinator, Coordinating Body on the Seas of East Asia (COBSEA), UNEP
- **Prof. Zhou Qiulin**, Third Institute of Oceanography, State Oceanic Administration (SOA), PR China

1600 – 1630

Synthesis of Workshop 2 by the Co-Chair

Directions to scale up MPA and ICM to achieve the SDS-SEA and Aichi Targets

ACB, SOA China, APEC Center and PEMSEA

SUBTHEME 3

Securing Ecosystem Services through Integrated Coastal and Ocean Management

WORKSHOP 3

Consolidation and Replication of ICM Lessons and Good Practices

CO-CONVENING AGENCY:



Ocean Policy Research
Foundation (OPRF) of Japan

Schedule: **09 July 2012; 1400 – 1830**
Venue: **Convention Hall 3, 3F, CECO**

Co-chair: **Prof. Hiroyuki Nakahara**
Professor, Center for Ocean Studies and Integrated
Education, Yokohama National University and Managing Director,
Research Institute for Ocean Economics, Japan
Mr. Stephen Adrian Ross
Chief Technical Officer, PEMSEA Resource Facility

The Haikou Partnership Agreement signed at the East Asian Seas (EAS) Congress in 2006 adopted, among its goals, a target to implement ICM in at least 20 percent of the region's coasts by 2015. This target was confirmed by PEMSEA Country Partners during the EAS Congress 2009, when the Manila Declaration on strengthening the implementation of ICM for sustainable development and climate change adaptation was signed.

In 2010, the PEMSEA Network of Local Governments for Sustainable Coastal Development (PNLG) signed the Dongying Declaration, committing to strengthen the network's voice and capacity as an advocate of local government commitment to and participation in sustainable coastal development, as well as to advance the capabilities, benefits and impacts of local government implementation of ICM programs. Available information indicates that 10 to 11 percent of the region's coastline is currently under some form of ICM program.

Recognizing that the 20 percent target is within reach, but still challenging, this workshop will consider two key issues, namely:

1. The strengths, constraints and effectiveness of ICM in sustaining coastal and marine ecosystem services within the context of coastal and ocean-based economic development scenarios;

2. Consolidating and replicating ICM lessons and good practices and using available local government networks and other mechanisms to promote and facilitate the 20 percent target.

Specifically, the workshop will include paper presentations concerning regional, national and subnational perspectives on how ICM helps achieve sustainable development targets and priorities at different levels of governance, while fulfilling international commitments to sustainable development targets and commitments. The workshop will also delve into the question of how to scale up ICM implementation across the region, particularly in highly urbanized coastal cities, and replicate the lessons and good practices that have been learned by local governments across the region. Here, the role of networks, including those at the regional and country levels, will be explored, including ways and means of utilizing networks more effectively in the scaling up process.

The final session of the workshop will be a panel discussion on ways and means of strengthening the consolidation and replication of ICM in the region.

P R O G R A M M E

SESSION 1. ICM Networking

1400 – 1410

Introduction by the Chair

Prof. Hiroyuki Nakahara, Professor, Center for Ocean Studies and Integrated Education, Yokohama National University and Managing Director, Research Institute for Ocean Economics, Japan

1410 – 1425

Overview: ICM Implementation in East Asia: Progress, achievements and targets

Mr. Stephen Adrian Ross, Chief Technical Officer, PEMSEA Resource Facility

1425 – 1445

Consolidating the role of the local government in ICM implementation through regional networking (PNLG)

Mr. Pan Shi Jian, PEMSEA Network of Local Governments for Sustainable Coastal Development (PNLG)

1445 – 1505

ICM Implementation at the local level in Japan

Mr. Takashi Ichioka, General Manager, Policy Research Department, Ocean Policy Research Foundation, Japan

SESSION 2. Consolidation of ICM

1505 – 1525

Application of ICM for blue economy development in China: The Dongying experience

Mr. Shouqiang Wang*, Dr. Zhaozhui Zhang, First Institute of Oceanography, PR China

1525 – 1545

Application of ICM concept for new *Satoumi* in Shima City

Mr. Hidekazu Ohguchi, Mayor, Shima City

1545 – 1605

Consolidating ICM implementation in the Philippines: Progress, achievements and scaling up

Mr. Jacob Meimban Jr., Executive Director, Coastal and Marine Management Office, Protected Areas and Management Bureau, Department of Environment and Natural Resources, Philippines

NOTE: *presenter

1605 – 1630 **Coffee Break**

SESSION 3. From Integrated Coastal Management to Integrated Urban Coastal Management

- 1630 – 1650** **Applications of ICM in an urban environment: The Danang Story**
Mr. Nguyen Dieu and Ms. Pham Thi Chin, Department of Natural Resources and Environment (DONRE), Danang, Viet Nam
- 1650 – 1710** **Japan's experience in urban coastal development: Harmonization of port activities and urban life in Yokohama**
Prof. Tatsuhiko Ikeda, Professor, International Graduate School of Social Sciences, Yokohama National University, Japan
- 1710 – 1730** **Integrated Urban Coastal Management in Singapore**
Mr. Lim Liang Jim, Assistant Director, Coastal and Marine Environment Section, National Biodiversity Center Division, National Parks Singapore, Singapore
- 1730 – 1750** **Integrated approach to controlling land-based activities in Masan Bay**
Dr. Won-Keun Chang, Associate Research Fellow, Korea Maritime Institute, RO Korea

SESSION 4. Panel Discussion and open forum

- 1750 – 1820** **Panel discussion**
Ways and means of strengthening the consolidation and replication in the region
- **Dr. Kem Lowry**, Professor, University of Hawaii, USA
 - **Dr. Wong Poh Poh**, PEMSEA Regional Taskforce, Singapore
 - **Dr. Rokhmin Dahuri**, Senior Advisor, Center for Coastal and Marine Resources Studies Bogor Agricultural University, Indonesia
- 1820 – 1830** **Wrap up**
Prof. Hiroyuki Nakahara

SUBTHEME 3

Securing Ecosystem Services through Integrated Coastal and Ocean Management

WORKSHOP 4

Sustaining Community Livelihoods and Ecosystem Services: Benefits and Strategies

CO-CONVENING AGENCY:



UNDP GEF Small Grants
Programme (SGP)

Schedule: **10 July; 1400 – 1830**

Venue: **301A, 3F, CECO**

Chair: **Dr. Sulan Chen**

Programme Advisor, UNDP GEF Small Grants Programme

Communities in the coastal areas and watersheds are at the forefront of management initiatives. As stewards of the coasts and forests, their engagement to any initiatives — from governance to implementation of actual projects and programs that have poverty-alleviation potential — is a crucial component to successful coastal and marine management program. Building on the gains of community-based organizations and local partners, this workshop aims to share country case studies of local and community-based approaches and programs that demonstrate effective governance of coastal and marine resources.

This session will also present various efforts and approaches by local governments and communities in maintaining ecosystem services including benefits from:

- a. Strengthening a community's adaptive capacity to address natural and man made hazards; and
- b. Promoting livelihoods through habitat protection.

The workshop will explore key considerations in strengthening the initiatives of community-based organizations through the framework of ICM programs, including:

- a. Strengthening community participation in local governance mechanism for sustainable development of marine and coastal areas and resources;
- b. Sustaining and mainstreaming community-based projects into the development and investment plans of local governments;
- c. Replicating and scaling up good practices and lessons in community-based management to other sites;

- d. Capacity development needs for sustaining local and community-based initiatives; and
- e. The potential in establishing eco-business models for community-based management, in support of a “blue economy” at the local level.

Results of the workshop will include:

- a. Documented review of community-based initiatives in East Asia;
- b. Disseminated to PEMSEA Country Partners for consideration in the development and implementation of their respective national SDS-SEA Implementation Plans; forwarded to UNDP SGP, New York, for consideration in the planning and development of the SGP in East Asia; and
- c. Disseminated through SGP–PEMSEA Websites.

P R O G R A M M E

- 1400 – 1415**
- **Introduction by the Chair**
Dr. Sulan Chen
 - **UNDP GEF Small Grants Programme (SGP) - South China Sea (SCS) partnership: Experiences and lessons learnt**
Dr. Sulan Chen, UNDP GEF Small Grants Programme, Programme Advisor
- 1415 – 1430**
- Community-based approach to coastal management: Experiences from GEF Small Grants Programme**
Mr. Poonsin Sreesangkom, National Coordinator, UNDP GEF Small Grants Programme, Thailand
- 1430 – 1440**
- Bali marine protected areas network for strengthening Bali Green Province achievement**
Mr. Alit Sastrawan, Head of Environmental Board of Bali Province, Indonesia
- 1440 – 1450**
- Town planning and coastal management: Experience of Klang District, Selangor**
Ms. Tumina Paiman and Dr. M. Zainora Asmawi, Department of Urban and Regional Planning, Kulliyah of Architecture and Environmental Design, International Islamic University, Malaysia
- 1450 – 1600**
- Open forum and discussion**
- 1600 – 1630**
- Coffee break**
- 1630 – 1640**
- Adaptation pattern by coastal community in the disaster-affected areas, Thailand**
Ms. Benjamas Chottong, Project Manager/Researcher, Thailand Environment Institute
- 1640 – 1650**
- Green Turtle Conservation in Pangumbahan: Lessons Learned from Sukabumi**
Mr. Rasyad Muhara, PMO Sukabumi ICM program
- 1650 – 1700**
- Strengthening regional cooperation in Arafura and Timor Seas through community livelihood development**
Mr. Subhat Nurhakim, Senior Scientist, Research Center for Fisheries Management and Conservation, Ministry of Marine Affairs and Fisheries, Indonesia

1700 – 1820

Open forum and discussion

- Local governance arrangements for community participation for coastal management
- Sustaining and mainstreaming projects into long-term local government programs
- Potentials for replication and scaling up in other sites
- Capacity development needs for sustaining local and community-based initiatives

1820 – 1830

Wrap up

Dr. Sulan Chen

SUBTHEME 3

Securing Ecosystem Services through Integrated Coastal and Ocean Management

PLENARY SESSION

Schedule: **11 July 2012; 1630-1800**
Venue: **Convention Hall 2, 3F, CECO**

Subtheme 3 Chair: Dr. Cielito Habito

Professor and Director, Ateneo Center for Economic Research and Development, Ateneo de Manila University, Philippines

Co-Chairs: Dr. Sudirman Saad

Director General, Ministry of Marine Affairs and Fisheries, Indonesia

Ms. Clarissa Arida

Director, Programme Development and Implementation, ASEAN Centre for Biodiversity (ACB)

Prof. Horoyuki Nakahara

Yokohama National University and Managing Director, Research Institute for Ocean Economics, Japan

Dr. Sulan Chen

Programme Advisor, UNDP GEF Small Grants Programme

The Subtheme 3 plenary session will review the conclusions and recommendations from the four workshops. The plenary session aims to focus on ways of further strengthening the implementation of integrated coastal management (ICM) to protect the integrity of ecosystem resources and services, as well as to enhance coastal and ocean governance to maximize the socioeconomic benefits of these resources. Through a facilitated discussion, the plenary aims to produce a policy brief that will synthesize good practices and recommendations in integrated management approaches to sustaining ecosystem services.

P R O G R A M M E

- 1630 – 1640**
- Opening of the subtheme plenary and objectives
 - Overview of the policy brief

Presentation of workshop results, conclusions and recommendations

- 1640 – 1650** **Workshop 1: Food security in watersheds and coastal areas**
Dr. Sudirman Saad, Ministry of Marine Affairs and Fisheries, Indonesia

- 1650 – 1700** **Workshop 2: Using ICM as a tool to achieve Aichi Targets**
Ms. Clarissa Arida, ASEAN Center for Biodiversity (ACB)

- 1700 – 1710** **Workshop 3: Consolidation and replication of ICM lessons and good practices**
Prof Hiroyuki Nakahara, Yokohama National University, Japan

- 1710 – 1720** **Workshop 4: Sustaining community livelihoods and ecosystem services: benefits and strategies**
Dr. Sulan Chen, UNDP GEF Small Grants Programme

- 1720 – 1750** **Open forum and inputs to policy brief**

- 1750 – 1800** **Wrap up**
Dr. Cielito Habito



EAS
Congress **2012**

Changwon City
Republic of Korea

EAST ASIAN SEAS CONGRESS

Good Governance, Good Business



SUBTHEME 4

GOOD GOVERNANCE, GOOD BUSINESS

Subtheme Chair:



Dr. Elisea Gozun

Presidential Adviser on
Climate Change
Office of the President,
Philippines

Workshop Topics:

Workshop 1

New Directions and Initiatives for Coastal and Ocean Governance at the Global, Regional and National Levels

Workshop 2

Corporate Social Responsibility (CSR) Impacts:
Collaborations towards an Ocean-based Blue Economy

Workshop 3

The Future of the Maritime Transport in a Blue Economy



SUBTHEME 4 Good Governance, Good Business**WORKSHOP 1****New Directions and Initiatives for Coastal and Ocean Governance at the Global, Regional and National Levels****CO-CONVENING AGENCIES:**

Ocean Policy Research
Foundation (OPRF) of Japan

OPINEAR

Ocean Policy Institute Network in
East Asian Region (OPINEAR)

Schedule: **10 July 2012; 1400 – 1830**

Venue: **6th Floor, Room 5**

Chair: **Dr. Chua Thia-Eng**
Chair, East Asian Seas Partnership Council

Mr. Hiroshi Terashima

Technical Session Chair, East Asian Seas Partnership Council and
Executive Director, Ocean Policy Research Foundation (OPRF), Japan

The workshop aims to: (a) highlight the outcomes of Rio+20 and initiatives related to the coastal and ocean governance and discuss their implications with respect to the implementation of the Sustainable Development Strategy for the Seas of East Asia (SDS-SEA); (b) look at how national policies are mainstreamed and how the government directs investment toward the marine economy; (c) identify new initiatives in developing marine economic policies, strategy and practices and implementation of new initiatives for an ocean-based blue economy; and (d) discuss how national ICM could be effectively applied to address/enhance new emerging issues such as an ocean-based blue economy.

P R O G R A M M E

1400 – 1415

**Introduction by Workshop Chairs
(Good Governance = Good Business)**

Chairs: Dr. Chua Thia-Eng and Mr. Hiroshi Terashima

SESSION 1. New Directions and initiatives for coastal and ocean governance at the global and regional levels

1415 – 1430

Major outcome/Ocean Agenda of Rio+20 and SDS-SEA
Mr. Hiroshi Terashima

1430 – 1445

Catalyzing ocean governance in the East Asian Seas Region to rebuild coastal and marine ecosystem services

Dr. Ivan Zavadsky, Senior Water Resources Management Specialist,
Global Environment Facility (GEF)

1445 – 1500

PEMSEA as a regional mechanism for the implementation of the Ocean Agenda of Rio+20

Prof. Raphael Lotilla, Executive Director, Partnerships in Environmental Management for the Seas of East Asia (PEMSEA)

SESSION 2. Mainstreaming the national coastal/ocean governance policy and legislation development and implementation at the national level

1500 – 1515

Implementation of the comprehensive Ocean Policy of Japan: Achievements, challenges and future actions

Mr. Kazuhisa Ito, Cabinet Counsellor, Secretariat of Headquarters for Ocean Policy, Cabinet Secretariat, Japan

1515 – 1530

Malaysian initiative in the development of National Ocean Policy

Ms. Cheryl Rita Kaur, Senior Researcher, Maritime Institute of Malaysia, Malaysia

1530 – 1545	SDS-SEA and China's National Ocean Policy Dr. Fu Yu, Research Fellow, China Institute of Maritime Affairs (CIMA), PR China
1545 – 1600	Challenges in the implementation of the National Integrated Coastal Management Program Atty. Analiza Rebuelta-Teh, Undersecretary, Department of Environment and Natural Resources (DENR), Philippines
1600 – 1630	Tea/Coffee Break
1630 – 1645	National strategy and plan for integrated coastal management in Vietnam Dr. Nguyen Van Cu, Administrator, Vietnam Administration for Seas and Islands (VASI), Vietnam
1645 – 1700	Development and implementation of Korean Comprehensive National Ocean Plan (Ocean Korea21) Dr. Sung-Gwi Kim, Senior Research Fellow, Korea Maritime Institute (KMI), RO Korea
1700 – 1715	Ocean Sustainable Development Strategy of Cambodia Mr. Hak Mao, Chief, Vulnerability and Adaptation Office, Climate Change Department, Ministry of Environment (MOE), Cambodia
1715 – 1730	Institutional arrangements and general legal framework for coastal management in Singapore Ms. Annabelle Ng, Manager, Coastal and Marine, National Parks Board, Singapore
1730 – 1745	Legal and institutional arrangement in the implementation of the Indonesian Ocean Policy Prof. Dr. Etty Agoes, Professor of International Law, Padjadjaran University, Indonesia

SESSION 3. Panel Discussion

1745 – 1820

- **Priority Ocean Agenda for the East Asian Seas Region**
- **Priorities of SDS-SEA in relation to Rio+20 and other Initiatives**
- **PEMSEA as Regional Mechanism to implement RIO+20**

Addressing the ocean-based blue economy through the Five-year SDS implementation plan

Panel Discussion Chair: Dr. Cielito Habito

Panelists:

- **Mr. Hiroshi Terashima**, Technical Session Chair, East Asian Seas Partnership Council and Executive Director, Ocean Policy Research Foundation (OPRF), Japan
- **Ambassador Hasjim Djalal**, Director, Center for South East Asian Studies, Indonesia
- **Ambassador Mary Seet Cheng**, Council Co-Chair, EAS Partnership Council
- **Mr. Stephen Adrian Ross**, Chief Technical Officer, PEMSEA Resource Facility
- **Dr. Elisea Gozun**, Presidential Adviser on Climate Change, Office of the President, Philippines
- **Dr. Nguyen Van Cu**, Administrator, Vietnam Administration for Seas and Islands (VASI), Vietnam

1820 – 1830

Wrap up
Workshop Chairs

SUBTHEME 4 Good Governance, Good Business**WORKSHOP 2****Corporate Social Responsibility Impacts: Collaborations Towards an Ocean-based Blue Economy****CO-CONVENING AGENCIES:****Philippine Airlines**Philippine Airlines (PAL)
FoundationKyungnam University and
Green Gyeongnam 21 Council**giz**ASEAN-GTZ Sustainable Port
Development in the ASEAN RegionSchedule: **11 July 2012; 1000 – 1600**Venue: **Convention Hall 3, 3F, CECO**Chair: **Chief Justice Reynato S. Puno (Ret.)**

Supreme Court of the Philippines

Co-chair: **Ambassador Mary Seet-Cheng**

Council Co-Chair, East Asian Seas Partnership Council

The workshop highlights the growing involvement and the value of the corporate or business sector in sustainable coastal and marine development. In particular, the workshop will present the different strategies applied by corporations through corporate efforts and partnerships between the local governments and the business community for the sustainable development of marine and coastal areas, showcasing how public-private partnerships (PPPs) through corporate social responsibility (CSR) can enhance the region's sustainability as well as discussions on new strategies. The workshop also aims to build awareness for and encourage multinational and national corporations to integrate sustainability strategies into their organizational policies, programs and practices focused on the specific management issues in coastal and marine areas.

New approaches for further engaging the business sector through integrated coastal management (ICM) will be discussed as well as moving forward with the introduction of a potential corporate network with the aim of supporting sustainability for the seas of East Asia.

P R O G R A M M E

SESSION 1

Part 1: CSR impacts: Collaborations towards a blue economy – Making a difference

- | | |
|--------------------|--|
| 1000 – 1015 | Welcome Remarks
Chair: Chief Justice Puno (ret.)
Co-chair: Amb. Seet-Cheng |
| 1015 – 1030 | Keynote Paper: CSR impacts towards Agenda 21 and other targets
Mr. Tae Sik Yang, Chief Executive Officer of Future Environment Corporation, Former Director of Samsung Techwin, Co-chair of Changwon Agenda 21, RO Korea |
| 1030 – 1045 | CSR through ICM: Private sector contributions towards sustainable development
Mr. Renato Cardinal, Programme Manager for Partnership Applications, PEMSEA Resource Facility |

Presentation of case studies

- | | |
|--------------------|--|
| 1045 – 1100 | Natural and man-made hazard prevention and management in Lake Shiwa
Mr. Nam Gyun Shin, Executive Director of Green Gyeongnam Agenda 21, RO Korea |
| 1100 – 1115 | Natural and man-made hazard prevention
Lt. Jg. Pongsaruit Sritip, R.T.N., Director, Mechanical Handling Equipment Division, Port Authority of Thailand |
| 1115 – 1130 | CSR program BTDC “Coral Reef Conservation”
Ms. Regina W. Komang, Business Development Division, Bali Tourism Development Corporation, Indonesia |
| 1130 – 1145 | Alignment of social, environmental and business goals of the water concessionaire in Manila’s East Zone (Water use and supply management)
Mr. Mark Mulingbayan, Environment Manager, Operations Group, Manila Water, Philippines |

- 1145 – 1200** **How Absolut Distillers turned Green for a Bluer Economy**
Ms. Menchu Sarmiento, Executive Director, PAL Foundation
- 1200 – 1215** **Social responsibility of Sinopec Shengli Oilfield Development Center**
Mr. Jia Yunfei, Senior Engineer, Offshore oil and gas exploitation Project Manager,
Petroleum Development Center (Shengli Oilfield Sinopec China)
- 1215 – 1230** **Corporate ocean responsibility: The business case for sustainable use of the seas**
Mr. Paul Holthus, Executive Director, World Ocean Council, USA
- 1230 – 1400** **Lunch Break**

SESSION 2

Part 2: CSR impacts: Collaborations towards a blue economy – The way forward

- 1400 – 1415** **Local governance for ecosystem recovery of Masan Bay in Changwon**
Dr. Chan-Won Lee, Professor, Department of Urban Environmental Engineering,
Kyungnam University, RO Korea
- 1415 – 1430** **Integrated Management In Ciliwung River And Jakarta Bay With Collaboration Of CSR Activities**
Ms. Peni Susanti, Chairman, Clean Ciliwong River Movement, Indonesia
- 1430 – 1445** **Partnerships and opportunities towards a blue economy: The Philippine Experience**
Ms. Malu Erni, General Manager, Petron Foundation, Philippines
- 1445 – 1550** **Panel discussion/open forum:**
CSR Impacts: Collaborations Towards a Blue Economy – The Way Forward –
Formation of a corporate network for the sustainable development of the seas of
East Asia
- Chair: Amb. Mary Seet-Cheng**
- Panelists:**
- **Ms. Malu Erni**, General Manager, Petron Foundation, Metro Manila, Philippines

- **Mr. Paul Holthus**, Executive Director, World Ocean Council, Hawaii, USA
- **Mr. Yosthana Siphomsay**, Specialist, ASEAN - GTZ Sustainable Port Development in the ASEAN Region, Thailand
- **Mr. Colin Hubo**, Elected Representative, GRI Stakeholder Council, Amsterdam; Vice-Chairman of the Center for Social Responsibility of the University of Asia and the Pacific (UA&P), Philippines
- **Hong Pyo Jeon**, Director of Community Advisory Council for Masan Bay, RO Korea
- **Seoc Ho Kim**, Director, Policy Research Center for Social Enterprise, RO Korea

1550 - 1600

Wrap up and conclusions

Chief Justice Reynato Puno (ret.)

SUBTHEME 4 Good Governance, Good Business**WORKSHOP 3****The Future of the Maritime Transport in a Blue Economy****CO-CONVENING AGENCIES:**International Maritime
Organization (IMO)Oil Spill Response
Limited (OSRL)International Petroleum
Industry Environmental
Conservation Association (IPIECA)Schedule: **11 July 2012; 1000 – 1800**Venue: **6th Floor, Room 6, CECO**Session 1 Chair: **Ms. Brenda Pimentel**Regional Coordinator, IMO Regional Presence Office for East Asia
Manila, PhilippinesCo-chair: **Asian Shipowners' Forum Representative**Session 2 Chair: **Mr. Declan O'Driscoll**

Regional Director, Oil Spill Response Limited (OSRL), Singapore

Co-chair: **Mr. Brian Sullivan**Executive Secretary, International Petroleum Industry Environmental
Conservation Association (IPIECA)

Ninety percent (90%) of world trade is transported via international shipping. According to the UNEP report on Green Economy in a Blue World, shipping is recognized as the safest, most secure, most efficient and most environmentally sound means of bulk transportation. It is supported by a global regulatory framework through the International Maritime Organization (IMO), which ensures a sustainable maritime transport industry. Thus, the efforts of IMO in further greening the maritime transport sector are crucial.

This workshop will provide a good opportunity and a venue to highlight the economic contribution of maritime transport, challenges brought by growth in maritime trade and the global regulatory framework that enables further greening of the shipping sector to ensure coastal and ocean sustainability. This workshop will also identify measures to be taken by stakeholders in the maritime transport industry to promote an environmentally sound industry to support the implementation of the Sustainable Development Strategy for the Seas of East Asia (SDS-SEA), as the region's commitment to sustainable coasts and oceans.

This workshop will feature plenary keynote presentations and discussions focusing on the future of maritime transport, green shipping, green ports, and linking regional, national and local oil spill preparedness and response systems.

Specifically, Session 1 of the workshop will highlight the work of IMO and other international organizations, national and local governments and academe on reducing the impacts of pollution caused by ships through discharges at sea and air emissions, preventing and controlling the transfer of invasive aquatic species through ship's ballast and hull fouling and promoting fuel alternatives to address greenhouse gas concerns, among others.

Session 2, which is focusing on addressing oil pollution from ships, will gather international, national and local government units and industry partners and relevant regional programmes to present good practices relating to current initiatives in building capacities for oil spill preparedness and response and to discuss future directions in promoting regional cooperation.

P R O G R A M M E

SESSION 1. The Maritime Transport Sector: Potential, Opportunities and Challenges**1000 – 1015****Introduction by the Chair and Co-chair**

Ms. Brenda Pimentel, Regional Coordinator, IMO Regional Presence Office for East Asia, Manila, Philippines

Co-chair: Asian Shipowners' Forum representative

1015 – 1035**Shipping, world trade and the reduction of CO₂ emissions**

Asian Shipowners' Forum

1035 – 1055**Global regulatory framework towards green shipping**

Ms. Brenda Pimentel (IMO)

1055 – 1115**Ballast water control and management in Malaysia: Progress, issues and challenges**

Ms. Cheryl Rita Kaur, Centre Head, Centre for Coastal and Marine Environment Maritime Institute of Malaysia (MIMA), Malaysia

1115 – 1135**Climate Change and Offshore Carbon Capture and Storage (CCS)**

Dr. Cheol Huh, Korean Ocean Research and Development Institute (KORDI), RO Korea

1135 – 1155**IMO's Integrated Technical Cooperation Programme**

Ms. Brenda Pimentel (IMO)

1155 – 1230**Open Discussion****1235 – 1400****Lunch**

SESSION 2. Addressing oil pollution from transportation and production

INTERNATIONAL and REGIONAL INITIATIVES

1400 – 1415

Introduction by the Chair and Co-chair

Chair: **Mr. Declan O'Driscoll**

Regional Director, Oil Spill Response Limited (OSRL), Singapore

Co-chair: **Mr. Brian Sullivan**

Executive Secretary, IPIECA, UK

1415 – 1435

Macondo well-deepwater horizon blowout: Lessons learned and recent developments

Mr. Declan O'Driscoll, OSRL, Singapore

1435 – 1455

Current trends, issues and R&D requirements in oil spill response

Dr. Mark Whittington, Senior Technical Adviser, The International Tanker Owners Pollution Federation (ITOPF)

1455 – 1515

IMO-IPIECA Global Initiative (GI) — An overview and update of GI Activities in Southeast Asia

Mr. Anton Rhodes, Project Manager, OGP-IPIECA Health Committee
IPIECA Oil Spill Working Group, IPIECA, UK

1515 – 1535

Future directions of the ASEAN Regional Cooperation on Oil Spill Preparedness and Response

Mr. Pakorn Prasertwong, Marine Department of Thailand

1535 – 1555

Developments in the compensation regime for oil and HNS incidents

Mr. Jose Maura, Director, The International Oil Pollution Compensation Funds (IOPCF), UK

1555 – 1630

Tea/Coffee Break

REGIONAL, NATIONAL AND LOCAL INITIATIVES IN THE ASEAN REGION

- | | |
|--------------------|--|
| 1630 – 1645 | <p>Oil removal operation from sunken “Kyungshin”
 Mr. Woo-Rack Suh, General Manager, Response Department, Korea Marine Environment Management Corporation (KOEM), RO Korea</p> |
| 1645 – 1700 | <p>Chonburi experience in building capacities for oil spill response at the provincial level
 Mr. Kobchai Boonyaorana, Director, Chonburi Disaster Mitigation and Prevention Office, Chonburi, Thailand</p> |
| 1700 – 1715 | <p>Guimaras oil spill incident : Post-oil spill initiatives
 Gov. Felipe Hilan A. Nava, MD, Governor, Guimaras, Philippines</p> |
| 1715 – 1745 | <p>National initiatives on HNS preparedness and response in Malaysia
 Mr. Rossid bin Musa, Director Safety of Navigation Division, Marine Department of Malaysia</p> |
| 1745 – 1800 | <p>Open Discussion</p> |

SUBTHEME 4

Good Governance, Good Business

PLENARY SESSION

Schedule: **11 July 2012; 1630-1800**
Venue: **Convention Hall 3, 3F, CECO**

Subtheme 4 Chair: Dr. Elisea Gozun

Presidential Adviser for Climate Change,
Office of the President, Philippines

Co-Chairs: Dr. Chua Thia-Eng

Council Chair, EAS Partnership Council

Mr. Hiroshi Terashima

Technical Session Co-Chair, EAS Partnership Council

Chief Justice Reynato Puno (ret.)

Supreme Court of the Philippines

The Subtheme 4 plenary session will look into the key conclusions and recommendations from the three workshops. In general, the subtheme aims to highlight the role and value of the SDS-SEA as a regional framework to help achieve the targets set in various international and regional environmental commitments as well as the new commitments and challenges arising from Rio+20. It will also highlight the involvement and value of various players or stakeholders including the business or private sector in building an ocean-based blue economy through SDS-SEA implementation.

P R O G R A M M E

1630 – 1640**Subtheme Chair**

Dr. Elisea Gozun, Presidential Assistant II for Climate Change, Philippines

1640 – 1720**Workshop chairs to report on their respective workshop conclusions and recommendations:**

Workshop 1: Dr. Chua Thia-Eng, Chair, EAS Partnership Council
Mr. Hiroshi Terashima, Technical Session Chair, EAS Partnership Council
and Executive Director, Ocean Policy Research Foundation (OPRF),
Japan

Workshop 2: Chief Justice Reynato S. Puno (Ret.), Supreme Court of the Philippines

Workshop 3: Brenda Pimentel, Regional Coordinator, IMO Regional Presence Office
for East Asia, Manila, Philippines
Mr. Declan O'Driscoll, Regional Director, Oil Spill Response Limited,
Singapore

1720 – 1750**Open discussion facilitated by Subtheme Chair with focus on:**

- (1) SDS-SEA as a response to the new ocean agenda coming out of Rio+20; and
(2) **Good governance good business:**
- Building an ocean-based blue economy through SDS-SEA implementation
 - Corporate sector and maritime industry contribution to the blue economy

1750 – 1800**Wrap up of overall subtheme conclusion and recommendations**

Dr. Elisea Gozun

**Meeting Institutional and Individual
Skills and Capacities for Integrated
Coastal and Ocean Governance**



THEME 5

MEETING INSTITUTIONAL AND INDIVIDUAL SKILLS AND CAPACITIES FOR INTEGRATED COASTAL AND OCEAN GOVERNANCE

Theme Chair:



Prof. Stephen Olsen

Director
Coastal Resources Center,
University of Rhode Island, USA

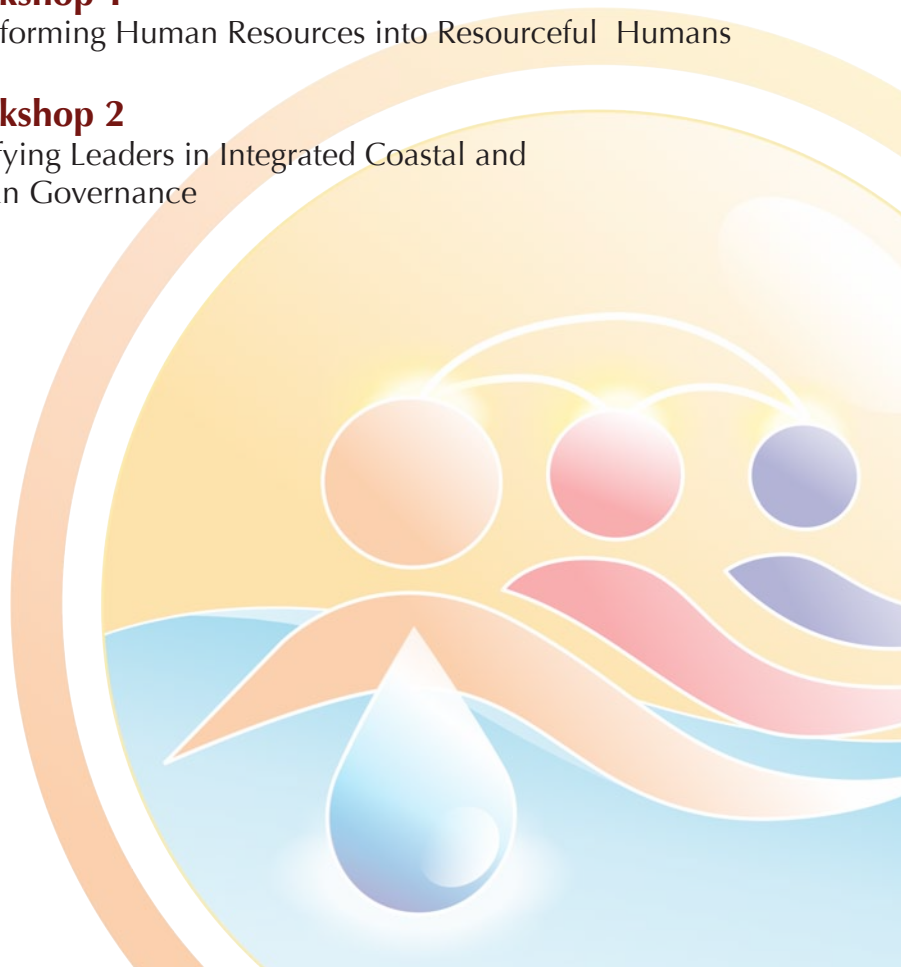
Workshop Topics:

Workshop 1

Transforming Human Resources into Resourceful Humans

Workshop 2

Certifying Leaders in Integrated Coastal and
Ocean Governance



SUBTHEME 5**Meeting Institutional and Individual Skills and Capacities for Integrated Coastal and Ocean Governance****WORKSHOP 1****Transforming Human Resources into Resourceful Humans****CO-CONVENING AGENCIES:**

Swedish International
Development Cooperation
Agency (SIDA)



Coastal and Ocean Management
Institute (COMI) of Xiamen

Schedule: **11 July 2012; 1000-1600**

Venue: **6th Floor, Room 5, CECO**

Co-chairs: **Prof. Huasheng Hong**

Chief Scientist, Coastal and Ocean Management Institute (COMI),
Xiamen University, PR China

Dr. Werner Ekau

IOI Chair of Directors, Director of IOI-Germany,
International Ocean Institute, Germany

Insufficient governance and management capacity, limited educational, training and technical capacity and limited data and information were identified as some of the impediments to sustainable use of coastal and ocean resources. This implies that building capacities for integrated coastal and ocean governance remains to be an essential element in promoting ocean and coastal sustainability. Innovative strategies and approaches for capacity development including collaboration and networking among providers of training and education need to be explored to address the need.

Knowledge management is the practice of capturing, storing and sharing knowledge so that lessons learned from the past can be applied in the future. The application of knowledge and learning is essential in development work that seeks to build local, national and regional capacities. A number of development programs have incorporated knowledge management strategies into their capacity building programs. Therefore, this workshop will review various capacity development, knowledge management efforts and knowledge resource networks in order to develop a roadmap to creating/strengthening regional management mechanisms to increase capacities of leaders, managers, technical and scientific professionals, among others, in the field of coastal and ocean governance.

SESSION 1. Innovative platforms and strategies for addressing human resource requirements for integrated coastal and ocean governance

- | | |
|--------------------|---|
| 1000 – 1010 | <p>Session Chair’s Introduction focusing on current opportunities, issues and challenges in addressing human resource requirements for integrated coastal and ocean governance</p> <p>Prof. Huasheng Hong, Chief Scientist, Coastal and Ocean Management Institute (COMI), Xiamen University, PR China</p> |
| 1010 – 1025 | <p>IOI’s strategy and approaches to enhance capacities in coastal and ocean governance</p> <p>Dr. Cherdsak Virapat, Executive Director, International Ocean Institute (IOI) Headquarters, Malta</p> |
| 1025 – 1040 | <p>Development of a model curriculum of education for integrated coastal management in Japan</p> <p>Prof. Makoto Tsuchiya, Professor, Faculty of Science, University of the Ryukyus, Japan</p> |
| 1040 – 1055 | <p>Strengthening integrated coastal and ocean management: The Bogor Agricultural University’s experience</p> <p>Dr. Luky Adrianto, Deputy Director, Center for Coastal and Marine Resources Studies (CCMRS), Bogor Agricultural University, Indonesia</p> |
| 1055 – 1110 | <p>The challenges of developing interdisciplinary environmental degree programs in a discipline–structured university</p> <p>Dr. Chou Loke Ming, Professor, Department of Biological Sciences, National University of Singapore (NUS), Singapore</p> |
| 1110 – 1125 | <p>Interdisciplinary network organization: The University of Tokyo (UT) Ocean Alliance</p> <p>Dr. Eng. Shigeru Tabeta, Associate Professor, University of Tokyo Ocean Alliance, Japan</p> |
| 1125 – 1140 | <p>Mechanism for networking of learning institutions to enhance the ICOM course curriculum and delivery</p> <p>Prof. Huasheng Hong, Chief Scientist, Coastal and Ocean Management Institute (COMI), Xiamen University, PR China</p> |

1140 – 1230

Panel Discussion:

- **Measures to strengthen existing university programs;**
- **Strategies and approaches for strengthening collaboration among universities; and**
- **Possible funding sources or mechanisms to support efforts in building capacities for integrated coastal and ocean governance.**

Panelists:

- **Dr. Chou Loke Ming**, Professor, Department of Biological Sciences, National University of Singapore (NUS), Singapore
- **Dr. Gil Jacinto**, Executive Director, Coastal Management Center (CMC), Philippines
- **Dr. Tridoyo Kusumastanto**, Director, Center for Coastal and Marine Resources Studies (CCMRS), Bogor Agricultural University, Indonesia

SESSION 2. The strategic management of intellectual capital and knowledge networking

1400 – 1410

Session Chair's Introduction on challenges and opportunities for strengthening regional collaboration in building capacities for coastal and ocean governance

Dr. Werner Ekau, IOI Chair of Directors, Director of IOI-Germany, International Ocean Institute, Germany

1410 – 1425

Transforming data: Information sources for coastal management policy

Dr. Sheila Vergara, Director, Biodiversity Information Management, ASEAN Center for Biodiversity (ACB)

1425 – 1440

Regional and global knowledge management platforms to support CoPs

Ms. Kristine Custodio, Project Manager, ICT Component, GEF IW:LEARN, Thailand

1440 – 1455

Building a regional knowledge management mechanism for coastal and ocean governance

Mr. Stephen Adrian Ross, Chief Technical Officer, PEMSEA Resource Facility

1455 – 1530

Panel Discussion:

- **Strengthening existing regional knowledge management mechanisms for coastal and ocean governance;**
- **What support mechanisms are needed; and**
- **How collaboration among related regional resource centers and networks can be tapped.**

Panelists:

- **Mr. Ivan Zavadsky**, Senior Water Resources Management Specialist, Global Environment Facility
- **Dr. Hilly Ann Roa-Quiaoit**, Vice President for Research and Social Outreach, Xavier University - The Ateneo de Cagayan, Philippines
- **Prof. Makoto Tsuchiya**, Professor, Faculty of Science, University of the Ryukyus, Japan
- **Mr. Josefo B. Tuyor**, World Bank, Manila

1530 – 1600

Wrap up

Co-chairs

SUBTHEME 5**Meeting Institutional and Individual Skills and Capacities for Integrated Coastal and Ocean Governance****WORKSHOP 2****Certifying Leaders in Integrated Coastal and Ocean Governance****CO-CONVENING AGENCY:**

Schedule: **10 July 2012; 1000 – 1300**

Venue: **6th Floor, Room 6, CECO**

Chair: **Prof. Stephen Olsen**

Director, Coastal Resources Center, University of Rhode Island, USA

Co-chair: **Dr. Chou Loke Ming**

Professor, Department of Biological Sciences, National University of Singapore (NUS), Singapore

Dr. Gil Jacinto

Executive Director, Coastal Management Center and Former Director, UP-Marine Science Institute (MSI), Philippines

One of the issues discussed in the last 2009 EAS Congress in Manila was that in the future — and to further create a demand and an incentive to stay the course of integrated coastal and ocean governance — there is a need to professionalize ICM practice through the certification of practitioners.

The workshop will build a case on investing in “new breeds” of coastal leaders through certification vis-à-vis the need to address the new challenges for ocean and coastal sustainability. This will be substantiated by discussions on the how existing certifications related to ocean and coastal governance are being delivered, and their lessons learned. A proposed certification programme framework for the region will be presented so as to open the discussion on important issues relevant to its implementation; these could include incentives for certification, support mechanisms (from national and local governments and others), mechanisms for implementation (certifying body, fund sources), etc. The workshop is expected to agree on a certification programme framework for the region and a way forward; and identify (and solicit commitment from) experts to form the core advisory group for the certification programme.

P R O G R A M M E

1000 – 1005

Introduction by the Chair

Prof. Stephen B. Olsen

Addressing the new challenges for ocean and coastal sustainability

1005 – 1020

Building capacity to practice the ecosystem approach

Prof. Stephen B. Olsen, Director, Coastal Resources Center,
University of Rhode Island, USA

Interdisciplinary and collaborative programs for sustainability and effective leadership: building blocks of certification

1020 – 1035

Interdisciplinary education in coastal and ocean governance

Dr. Hiroyuki Nakahara, Professor, Center for Ocean Studies and Integrated
Education, Yokohama National University and Managing Director,
Research Institute for Ocean Economics, Japan

1035 – 1050

The role of SURP in the certification of urban planners in the Philippines: prospects, issues and constraints

Dr. Eng. Jun T. Castro, Associate Professor, UP-School of Urban and
Regional Planning (SURP), Philippines

1050–1105

A Joint Project Agreement between Agencies in the Republic of Korea and the United States to build institutional and individual skills and capacities for integrated coastal and ocean governance

Dr. Jae-Young Lee, Deputy Director, Deputy Director, Marine Environment Policy
Division, Marine Policy Bureau, Ministry of Land, Transport and Maritime Affairs
(MLTM), RO Korea

Taking stock: Prospects and experiences on certification

1105–1120

Facing challenges and capacity development needs of practitioners on integrated coastal zone management in Japan: prospects for certification

Ms. Kazumi Wakita, Research Fellow, Ocean Policy Research Foundation (OPRF),
Japan

1120 – 1135

Certifying coastal managers: Experiences in Indonesia

Mr. I Ketut Sudiarta, Lecturer and Researcher, Fisheries and Marine Science Department, Warmadewa University, Indonesia

1135 – 1150

A program for the certification of marine protected area professionals

Dr. Glenn Ricci, Coastal Management Specialist, Coastal Resources Center, University of Rhode Island, USA

1150 – 1205

Certification scheme of professionals engaged in sea use planning in China

Mr. Zhang Zhihua, Division Director, Department of Sea Area Management, State Oceanic Administration (SOA), China

Toward certification of leaders in integrated ocean and coastal governance in the East Asian Seas Region

1205 – 1220

Investing in our future by investing in “New Breeds” of coastal leaders now

Mr. Stephen Adrian Ross, Chief Technical Officer, PEMSEA Resource Facility

1220 – 1255

Panel Discussion

- **Is certification of leaders of ICM in the EAS region necessary or beneficial at this point in time?**
- **Road map for going forward**

Facilitator: Dr. Gil Jacinto, Executive Director, Coastal Management Center and Former Director, UP-Marine Science Institute (MSI), Philippines

Panelists:

- **Dr. Chua Thia-Eng**, Council Chair, EAS Partnership Council
- **Dr. Chou Loke Ming**, Professor, Department of Biological Sciences, National University of Singapore (NUS), Singapore
- **Dr. Mario De Los Reyes**, Associate Professor, School of Urban and Regional Planning (SURP), University of the Philippines, Philippines
- **Dr. Kem Lowry**, Professor, University of Hawaii, USA

- **Dr. Luky Adrianto**, Deputy Director, Center for Coastal and Marine Resources Studies (CCMRS), Bogor Agricultural University, Indonesia

1255–1300

Chair's Wrap-Up

Prof. Stephen Olsen, Director, Coastal Resources Center,
University of Rhode Island, USA

SUBTHEME 5

Meeting Institutional and Individual Skills and Capacities for Integrated Coastal and Ocean Governance

PLENARY SESSION

Schedule: **11 July 2012; 1630 – 1800**

Venue: **6th Floor, Room 5, CECO**

Subtheme 5 Chair: **Prof. Stephen Olsen**

Director, Coastal Resources Center,
University of Rhode Island, USA

Co-chairs: **Prof. Huasheng Hong**

Chief Scientist, Coastal and Ocean Management Institute (COMI),
Xiamen University, PR China

Dr. Werner Ekau

IOI Chair of Directors, Director of IOI-Germany,
International Ocean Institute, Germany

The Subtheme 5 Plenary will synthesize the issues raised and will review the conclusions and recommendations made from the two workshops. It will involve an open, facilitated discussion and will highlight the action plan/recommendations for the regional knowledge management platform and the proposal on certification of ICM leaders.

P R O G R A M M E

1630 – 1640	Subtheme overall chair to open the session Prof. Stephen Olsen
1640 – 1720	Workshop chairs to report on their respective workshop conclusions and recommendations Workshop 1 Prof. Huasheng Hong / Dr. Werner Ekau Workshop 2 Prof. Stephen Olsen
1720 – 1750	Open discussion Focus on: (1) the Subtheme's action plan/recommendations for the regional knowledge management platform and the certification of ICM leaders proposal; and (2) the key messages of the workshops Facilitator: Dr. Werner Ekau
1750 – 1800	Wrap up Prof. Stephen Olsen

POSTERS

July 9-12 2012

Exhibition Hall 1, 3F, CECO

A study on the variations in water quality of Shihwa Lake with tidal power plant in operation: Numerical experiments

Yeongki Chae, Kuk Jin Jim, Young Seung Kang, Ocean Research and Strategy Corporation, RO Korea

How effective is street sweeping for reducing diffuse pollution loads? A case study for a coastal urban watershed using a distributed watershed model

Euisang Jeong, Hong-Lae Cho, and Bhon Koo, Watershed Environment Research Unit, RO Korea

Implementing voluntary total pollutant load management system in the Shiwa Coastal Reservoir, RO Korea

Chang-Hee Lee, Bum-Yeon Lee and Sun-Hae Kang, Department of Environmental Engineering and Energy, Myongji University, RO Korea

Survey on ecological impact of the Hebei Spirit Oil Spill

Seungjik Suh, Jongkwan Choi, Youngseok You, Jungwon Park, Gyusung Lee, Korea National Park Service, RO Korea

The coastal resources assessment for sustainable coastal zone management in Bandon Bay, Thailand

Ananya Jarernpornnipat, Mekhora T., Faculty of Agricultural Technology, King Mongkut's Institute of Technology; and **S. Veesakul**, School of Engineering and Technology, Asian Institute of Technology, Thailand

Emerging arrangements and prospects for integrated coastal management in the on-going bioregion initiative at Metro-Iloilo-Guimaras

Rodelio Subade, Pepito Fernandez, Jr, Gregory Benjamin Luz, Division of Social Sciences, University of the Philippines Visayas; and **Gregory Benjamin Luz**, Canadian Urban Institute, Bio Region Initiative Project, Philippines

Ecological sanitation: Engineered wetland experience, Bayawan City, Philippines

Fraulein Cabanban-Cabanag, Saturnino Cabanban, Jr., Annadel Cabanban, Chemistry Department, Negros Oriental State University, Philippines

Zoning for fisheries' sustainability: fit or misfit?

Cristopher Belmonte, Shigeru Tabeta, Graduate School of Frontier Sciences, The University of Tokyo, Japan

Protecting the old stands of mangrove of Brgy. Tanza, Navotas: Nurturing the natural treasures of Navotas
Nilo Tamoria and **Teresa Salanguit**, Department of Environment and Natural Resources - National Capital Region (DENR-NCR), Philippines

Pollution control for water resources through enforcement of Selangor Water Management Authority Enactment, 1999

Md Khairi Bin Selamat, Mazlan Idrus, and Nazifi Bin Nawawi, Lembaga Urus Air Selangor (LUAS), Malaysia

Principal coastal functional zoning in Xiamen Bay, China

Luo-Ping Zhang, Wei-Qi Chen, Qin-Hua Fang, Rong Mu, and Polao Ricci, Coastal and Ocean Management Institute, Xiamen University, PR China

Eco-tourism community benefits in the Cham Islands marine protected area, Quang Nam, Vietnam

Chu Manh Trinh, Cham Islands Marine Protected Area, Vietnam

Hydrologic sensitivity to climate and land-use change in a subtropical coastal watershed of Southeast China

Jinliang Huang, Zhenyu Zhang, Zengrong Zhou, Yuan Feng, Pei Zhou, Huasheng Hong, Coastal and Ocean Management Institute, Xiamen University; College of Environment and Ecology, Xiamen University; and Department of Environmental Science and Engineering, Huaqiao University, Xiamen, PR China

Initial study on horseshoe crab distribution and conservation initiative in Selangor coastal waters

Norfaezah Binti Shamsuddin and Mazlan Bin Idrus, Selangor Water Management Authority (LUAS), Malaysia

Monitoring of sediment transports on eroding beach using VRS/RTK GPS on the Taeanhaean National Park

Jung-Won Park, Seung-Jik Suh, Sun-Kwan Oh, and Young-Seok You, National Park Research Institute, RO Korea

Algal flora in Hallyeohaesang National Park, the Southern Coast of Korea

Jung-Kwan Ahn, Won-Ok Jeong, In-Young Choi, and Sung-Joon Song, National Park Research Institute, RO Korea

Studies on Development process for Korean Yellow-Sea Sand

Heeyoung Shin*, Jeongyun Chae, Inkook Bae, Chiho Yoon, Korean Institute of Geoscience and Mineral Resources, (KIGAM), RO Korea

The Empowerment of Coastal Communities: Socio-economic development and strengthening of local institutions

Osmaleli, Center for Coastal and Marine Resources Studies and Student at Magister Tropical Marine Resources Economics, Bogor Agricultural University, Indonesia



Changwon City
Republic of Korea

EAST ASIAN SEAS CONGRESS

Special Workshops

SPECIAL WORKSHOPS

Green Ports: Gateway to a Blue Economy

CO-CONVENING AGENCIES:



The Yeosu Project and
Expo 2012 Yeosu Korea



Korea International
Cooperation Agency



ASEAN-GTZ Sustainable Port
Development in the ASEAN Region

Schedule: **09 July 2012; 1400 – 1830**

Venue: **6th Floor, Room 5, CECO**

Chair: **Ms. Lawan Oungkiros**
Chair, ASEAN Ports Association (APA), Thailand

Ports and harbors are an integral part of the majority of coastal communities of the East Asia region. They serve as the center of economic development and activity and as the gateway to domestic, regional and international markets. Port authorities and operators face a number of challenges with respect to their role and impact in sustainable development of coastal areas. The development and adoption of international safety, environment and security standards by global bodies have emphasized that an effective management system must not only encompass operational activities, but also build quality, safety, health and environmental objectives and procedures into each process.

The workshop aims to:

- Discuss new initiatives by international organizations to implement safety, health and environmental programs/controls in the port to support the adoption of relevant conventions, codes and standard for safety, health and environment.
- Highlight the current initiatives of the ports in the region in the implementation of safety, health and environmental management using the PSHEM Code as framework.
- Develop a plan of action for the adoption of a safety, health and environmental management system code (the PSHEM Code) as a national program for safety, health and environment in the ports in the East Asian Seas region.

PROGRAMME

Welcome Remarks

Chair: Ms. Lawan Oungkiros

SESSION 1. New initiatives/programs: Ports for a green economy in a blue world

1400 – 1420

Keynote: Economy, climate change and the port industry

Mr. Susumu Naruse, Secretary General, International Association of Ports and Harbors (IAPH), Japan

1420 – 1440

Impacts of climate change in the port industry

Ms. Lawan Oungkiros, Chair, ASEAN Ports Association (APA), Thailand

SESSION 2. On-the-ground action on sustainable ports in the Seas of East Asia

1440 – 1510

Sustainable Ports Development Program in the ASEAN

Mrs. Franca Sprong, Team Leader, ASEAN - GTZ Sustainable Port Development in the ASEAN Region, Thailand

Waste management ASEAN ports

Mrs. Franca Sprong, Team Leader, ASEAN - GTZ Sustainable Port Development in the ASEAN Region, Thailand

SESSION 3. Integrated management system implementation framework for port sustainable development

1510 – 1600

Ports presentations – Case studies: Implementation of integrated management system for sustainable development

Port of Tanjung Pelepas

Mr. Othman Ibrahim, General Manager, Internal Audit,
Port of Tanjung Pelepas, Malaysia

Bangkok Port

Ms. Aunporn Poopetch, General Administrative Officer 12,
Bangkok Port, Thailand

Laem Chabang Port

Mr. Bancha Apai, Director Office of Operation,
Laem Chabang Port, Thailand

Port of Iloilo

Atty. Juan C. Sta. Ana, General Manager, Philippine Ports Authority (PPA), Philippines

1600 – 1630

Tea/Coffee Break

SESSION 4. PSHEM Code and PSHEMS Recognition System

1630 – 1655

- **PSHEM Code**
- **PSHEMS Recognition System**
- **PSHEM Governance System**

Mr. Renato Cardinal, Programme Manager for Partnership Applications,
PEMSEA Resource Facility

SESSION 5. Open Forum: Sustainable ports for the ocean based blue economy

1710 – 1810

Open Discussion

- **Way forward adoption of the PSHEM Code as national program**

Panelist:

- **Mr. Susumu Naruse**, Secretary General, International Association of Ports and Harbors (IAPH), Japan
- **Ms. Lawan Oungkiros**, Chair, ASEAN Ports Association (APA), Thailand
- **Mr. Ho Kim Lan**, Secretary General, Vietnam Seaports Association (VPA), Vietnam
- **Mrs. Franca Sprong**, Team Leader, ASEAN - GTZ Sustainable Port Development in the ASEAN Region, Thailand

1655 – 1710

Closing remarks: KOREA and YEOSU – Commitment to support to the implementation of the PSHEM in the East Asian Region

Ms. Ji Won Choi, Researcher, Climate Change & Environment Department,
Korea International Cooperation Agency, KOICA

1810 – 1830

Wrap up and conclusions

Ms. Lawan Oungkiros

SPECIAL WORKSHOPS

Expert Consultation Workshop on Coastal and Marine Spatial Planning Approach: International Experiences

CO-CONVENING AGENCY:



International Ocean Institute (IOI)

Schedule: 11 July 2012; 1000 – 1800

Venue: 301A, 3F, CECO

Co-Chairs: Dr. Awni Behnam

President of International Ocean Institute (IOI)

Mr. Stephen Adrian Ross

Chief Technical Officer, PEMSEA Resource Facility

Marine spatial management is gaining considerable importance all around the world. Various countries have started to use marine spatial management to achieve sustainable use and biodiversity conservation in ocean and coastal areas. Initially the concept of marine spatial planning, and one of its primary tools, ocean zoning, was stimulated by international and national interests in developing marine protected areas (MPAs). More recent attention has been placed on planning and managing multiple uses of marine space, particularly in areas where use conflicts are already well-known and specified. In various countries, marine bioregional planning concepts are being used as a first step to make ecosystem-based marine spatial management a reality. Marine spatial planning has been used in Australia, Europe (Belgium, Germany, Norway, Sweden, the Netherlands, and the United Kingdom), North America (Canada, United States of America), and Asia (China, Thailand).

The expert consultation workshop will provide a forum for international experts, relevant stakeholders including national and local governments, interagency governmental departments, private sector and business entrepreneurs, academic institutions, and nongovernmental organizations to address current applications of marine spatial planning programs as an effective means to achieve governance and sustainable development of marine and coastal resources, including reduction in vulnerability to climate change and other natural and manmade hazards, as well as to share their experiences in applications of the marine spatial planning approach.

1000 – 1030

Opening Address

Prof. Raphael P.M. Lotilla, Executive Director, Partnerships in Environmental Management for the Seas of East Asia (PEMSEA)

Dr. Awni Behnam, President of International Ocean Institute (IOI)

1030 – 1200

SESSION 1: Lessons learned from international experience with marine spatial planning

• **Progress in marine spatial planning and Integrated Coastal Zone Management in Europe**

Dr. Werner Ekau, Director of IOI Germany, Center for Tropical Marine Ecology (ZMT)

• **Marine spatial management: challenges and opportunities in Ukraine**

Dr. Victoria N. Radchenko, Director of IOI Ukraine, Institute of Biology of the Southern Seas, Oceanological Center of National Academy of Science of Ukraine

• **Marine spatial planning in relation to climate change in East Asia**

Dr. Wong Poh Poh, PEMSEA Regional Task Force, Singapore

1200 – 1230

Open Forum

1230 – 1400

Lunch

1400 – 1600

SESSION 2: Case studies toward integrated marine spatial planning in the sea of east asia

• **Development of Marine Spatial Planning in China**

Dr. Zhou Qiulin, Chief Research Fellow, Third Institute of Oceanography, State Oceanic Administration, PR China

• **Development of Marine Spatial Planning in Indonesia**

Dr. Ir. Subandono Diposaptono, Ministry of Marine Affairs and Fisheries, Indonesia

• **Coastal Spatial Planning in the East Asian Seas Region**

Dr. Ellik Adler, United Nations Environment Programme, Coordinating Body on the Seas of East Asia (COBSEA), Bangkok, Thailand

- **Adaptive learning in tsunami preparedness and response planning in six Andaman Coastal Provinces in Thailand**

Dr. Cherdsak Virapat, Executive Director, IOI Headquarters, Malta

- **PEMSEA Experience in coastal use planning and zoning in East Asia Region through integrated coastal management: Case studies**

Mr. Alexander Baluyot, PMO Director, Bataan, Philippines

Mr. Prak Visal, ICM Coordinator, Preah Sihanouk, Cambodia

1600 – 1630

Coffee Break

1630 – 1800

SESSION 3: Panel Discussion and Open Forum:

- **Marine spatial planning as a tool for sustaining coastal and marine ecosystem services in the Seas of East Asia**

Facilitator: Dr. Wong Poh Poh, PEMSEA Regional Task Force, Singapore

SPECIAL WORKSHOPS

Subregional Inception Workshop on Environmental Sensitivity Mapping for the Gulf of Thailand

CO-CONVENING AGENCIES:



The Yeosu Project and
Expo 2012 Yeosu Korea



International Maritime
Organization (IMO)



Partnerships in Environmental Management
for the Seas of East Asia

Schedule: **10 July 2012, 1400 – 1830**

Venue: **6th Floor, Room 6, CECO**

The significant increase in global trade and international sea-borne transport experienced over the last decades entails negative consequences, as all human and industrial activities do, by increased risks for oil spills and increased emissions of air pollutants and greenhouse gases that contribute to global climate change. In the Gulf of Thailand, transportation of crude oil has increased because of augmented production in the Gulf region and an ever-growing demand from neighboring countries.

Realizing the potential risks, which will certainly leave a tremendous impact on the natural and marine resources in the Gulf region, it is important that management tools are developed to reduce the impact of marine pollution on coastal and marine resources. Environmental Sensitivity Index (ESI) maps in particular, provide a comprehensive and accurate summary of coastal resources that are at risk if an oil spill occurs nearby.

In line with this, PEMSEA in collaboration with the International Maritime Organization (IMO) is initiating a project on Strengthening Oil Spill Preparedness and Response in a Subregional Sea Area: Environmental Sensitivity Mapping in the Gulf of Thailand (GOT), with funding support from the Korean Government.

This subregional inception workshop is organized to discuss the implementation arrangements of the project and identify and agree on the protocols for developing correlated sensitivity maps for the Gulf of Thailand among the three national project task teams. In addition, an agreement will be reached on the methodology and process for integrating the maps from the three countries into a uniform format for the publication of a GOT Atlas covering marine and coastal resources, major economic activities, navigation routes, cultural sites, etc.

P R O G R A M M E

1400 – 1420	Introduction from IMO and PEMSEA Atty. Brenda Pimentel, Regional Coordinator, Regional Presence Office for East Asia, International Maritime Organization Mr. Stephen Adrian Ross, Chief Technical Officer, PEMSEA Resource Facility
1420 – 1500	Environmental sensitivity mapping: Process and requirements ESI Specialist
1500 – 1600	Inventory of environmental sensitivity mapping initiatives in the Gulf of Thailand • Availability of data and data sources • Methodology used for identification of the most sensitive sites • Availability maps and their formats • Tools used in developing the maps • Scope and coverage of ESI mapping initiatives Representatives, ESI National Project Task Teams of Cambodia, Thailand and Vietnam
1600 – 1630	Coffee/Tea Break
1630 – 1700	Inventory of environmental sensitivity mapping initiatives in the Gulf of Thailand (continued)
1700 – 1800	Open Discussion • Protocols for developing the ESI maps, scope and formats
1800 – 1830	Workplan for developing the environmental sensitivity maps and GOT Atlas

SPECIAL MEETING

SGP-PEMSEA MEETING

BY INVITATION ONLY

12 July, 1420 – 1830

Oriox C Hall, Pullman Hotel

Objectives of the Meeting:

- a. Share experiences on projects and programs implemented by the SGP
- b. Provide updates on existing programs and projects under SGP-PEMSEA Joint Communiqué
- c. Discuss the direction of the partnership for the next five years for inclusion in the next phase of PEMSEA and in the five-year implementation plans of countries

Output of the session:

- Community-based experiences disseminated through SGP-PEMSEA Website;
- Recommendations for the draft five-year plan of the SGP-PEMSEA Joint Communiqué; and
- Documentation of the meeting for dissemination among partners.

P R O G R A M M E

1420 – 1440	• Introduction of the meeting • Introduction of the Workshop participants
1440 - 1450	Improving coastal communities adaptation and resilience through sustainable coastal resource management and livelihood development Ms. Ngin Navirak, National Coordinator, UNDP GEF Small Grants Programme, Cambodia
1450 – 1500	Community participation for enhanced coastal management — The cases from SGP-China Ms. Yi Liu
1500 – 1510	Community-based sustainable coastal management and livelihood Ms. Catharina Dwihastarini, National Coordinator, UNDP GEF Small Grants Programme, Indonesia

1510 – 1520	Strengthening local adaptive capacity: Lessons learned from community-based adaptation projects under GEF SGP Viet Nam Ms. Nguyen Thi Kim Anh, UNDP GEF Small Grants Programme Vietnam
1520 – 1530	SGP-PEMSEA Joint Communiqué: Progress, achievements and challenges Ms. Belyn Rafael, Country Programme Manager, PEMSEA
1530 – 1820	Discussion and open forum • Development of a regional report for the previous phase of implementation • Strategies and approaches to strengthening the partnership • Key activities for the next five years for regional and country-specific activities
1820 – 1830	Wrap up and summary Dr. Sulan Chen

THIRD EAST ASIAN SEAS YOUTH FORUM (YF3)

YOUNG CHAMPIONS FOR THE OCEANS

CO-CONVENING AGENCIES:



Swedish International
Development Cooperation
Agency (SIDA)



Ministry of Land, Transport
and Maritime Affairs (MLTM)
of RO Korea



City Government
of Changwon,
RO Korea

Schedule:

08 -13 July 2012

Venue:

Changwon Moonsung University

Speakers:

Hon. Wan-Su Park, Mayor, Changwon City

H.E. Ms. Mary Seet-Cheng, Senior Specialist Adviser and
Non-resident Ambassador of Singapore to Panama and Cuba
Ministry of Foreign Affairs, Singapore, and Council Co-chair, East Asian Seas
Partnership Council

Dr. Kem Lowry, Professor, University of Hawaii, USA

Prof. Rudolf Wu, Director and Chair Professor, School of Biological Sciences,
The University of Hong Kong

Dr. Luky Adrianto, Deputy Director, Center for Coastal and Marine Resources
Studies (CCMRS), Bogor Agricultural University, Indonesia

Mr. Glenn Ricci, Coastal Manager, Coastal Resources Center, University of Rhode Island, USA

Mr. Joselito Guevarra, Senior Consultant, Oil Spill Response Limited

Ms. Ngin Navirak, National Coordinator, GEF Small Grants Programme, Cambodia

Ms. Yi Liu, National Coordinator, GEF Small Grants Programme-China

Ms. Catharina Dwiastarini, National Coordinator, GEF Small Grants
Programme, Indonesia

Mr. Poonsin Sreesangkorn, National Coordinator, GEF Small Grants Programme-Thailand

Ms. Nguyen Thi Kim Anh, National Coordinator, GEF Small Grants Programme-Vietnam

Ms. Chindavanh Souriyaphack, Technical Staff, Department of Water Resources,
Ministry of Environment, Lao PDR

Mr. John Eric Dylan Saet, Web Consultant, Asian Development Bank, Philippines

Facilitator: Dr. Donna Paz Reyes

Executive Director, Environmental Studies Institute, Miriam College, Philippines

The oceans and coasts of the East Asian Seas region are among the most biologically diverse and productive areas in the world. Over the years however, these areas have been threatened by rapid development and complex socioeconomic and environmental issues due to uncontrolled human activities and population increases, among other factors.

The youth, as inheritors of the planet, have the most at stake, but they can also play a significant role in securing their future and that of generations to come, if only their potential can be properly be channeled. Existing efforts for the sustainable development of our oceans and coasts will only be sustained if younger generations get involved in environmental and resource management.

Now on its third cycle, the EAS Youth Forum is being convened to strengthen the role of young people in protecting the coasts and oceans of East Asia. The EAS Youth Forum also aims to enhance awareness and to develop the potential of the youth of East Asia as future practitioners in coastal and ocean management and governance.

Carrying the theme, “Young Champions for the Oceans.” The Third EAS Youth Forum aims to:

- a. Promote awareness of ocean and coastal governance;
- b. Identify actions/activities that the youth can do to sustain coastal and marine ecosystem services in the EAS region;
- c. Provide participants with practical knowledge, skills and materials that they can apply, and contribute to achieving sustainable development of the coastal and marine environment;
- d. Build a pool of inspired youth in pursuing ocean and coastal management endeavors;
- e. Strengthen and sustain the EAS Youth Network (EASYNet); and
- f. Encourage the participation of more youth and youth organizations in EASYNet.

P R O G R A M M E

7- 8 July 2012 – Arrival of participants

Day 1 (8 July 2012)

0800 – 1200

A short introduction on PEMSEA, the EAS Congress and SDS-SEA

Ms. Daisy Padayao, Technical Assistant, PEMSEA Resource Facility

*Getting to Know
My Peers*

Introduction of Third EAS Youth Forum Participants and Team Building

Mr. Dwight Ronan and Mr. Michael Villanueva, Youth Forum Coordinators,
PEMSEA Resource Facility

1300-1800

Setting up of Youth Forum Exhibit

Mr. Dwight Ronan and Mr. Michael Villanueva

*Creating our
Masterpiece*

Day 2 (9 July 2012)

0900 – 1035

Opening Ceremony of the EAS Congress

1035 – 1055

Coffee Break

1055 – 1230

Plenary Keynote and Exhibit Opening

1230 – 1400

Lunch

1400-1420

Keynote Speech

Ambassador Mary Seet-Cheng, Senior Specialist Adviser and non-resident Ambassador
of Singapore to Panama and Cuba Ministry of Foreign Affairs, Singapore, and Council
Co-chair, East Asian Seas Partnership Council

1420 – 1520

My ocean, my responsibility

**Sustainable development of marine and coastal areas highlighting the role of the
youth as successors of current coastal management implementers**

Dr. Kem Lowry, Professor, University of Hawaii, USA

1520 – 1530	Coffee/Tea Break
1530 – 1545	Welcome and Keynote Speech Hon. Wan-Su Park, Mayor, Changwon City, RO Korea
1545 – 1600	Continuing the legacy: My link to the previous forums Experience sharing from a 2009 YF participant Ms. Chindavanh Souliyapack, Lao PDR, 2009 YF Participant
1600 – 1900	Championing my cause: Project proposal writing workshop GEF-Small Grants Programme • Ms. Ngin Navirak, National Coordinator, Cambodia • Ms. Yi Liu, National Coordinator, China • Ms. Catharina Dwihastarini, National Coordinator, Indonesia • Mr. Poonsin Sreesangkorn, National Coordinator, Thailand • Ms. Nguyen Thi Kim Anh, National Coordinator, Vietnam
Day 3 (10 July 2012)	
0830 – 0930	Plenary Keynote
1000 – 1230	Bridging the youth and the experts (Participation in International Conference and Workshops)
1230 – 1430	Lunch
1430 – 1700	My ocean, my future Careers, technologies and opportunities in relation to ocean and coastal conservation and management. Prof. Rudolf Wu, Director and Chair Professor, School of Biological Sciences, The University of Hong Kong Dr. Luky Adrianto, Deputy Director, Bogor Agricultural University, Indonesia

1700 – 1830	Panel discussion on careers, opportunities in relation to ocean and coastal conservation and management Mr. Glenn Ricci, Coastal Manager, CRC, University of Rhode Island, USA Mr. Joselito Guevarra, Senior Consultant, Oil Spill Response Limited
Day 4 (11 July 2012)	
0830 – 1000	Saving the seas through social media Harnessing the potential of social media networks and new technologies for ocean and coastal conservation, and management Mr. John Eric Dylan Saet, Web Consultant, Asian Development Bank, Philippines
1000 – 1100	Following my feeds (Leading and involving others) Use of social media and networking to inspire/encourage more youths to be active in environment-related activities Dr. Donna Paz Reyes
1100 – 1230	Sustaining our herd (Managing sustainability) Linking all YF participants from previous Youth Forum to the present, and sustaining the network Dr. Donna Paz Reyes
1330 – 1830	My statement, my commitment Drafting of Youth Statement Dr. Donna Paz Reyes
1830	Submission of youth statement for technical review



Day 5 (12 July 2012)

0910 – 1110	Closing of the International Conference
1020 – 1030	Report on Youth Forum outcomes
1110 – 1215	Opening Ceremony of Ministerial Forum
1215 – 1330	Lunch
1330 – 1430	My Korean music experience
1430 – 1800	Beyond my confines Outdoor activity and Interaction with other youth groups in Changwon City

Day 6 (13 July 2012)

0800 – 1730	Field Trip to the Yeosu Expo
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ORGANIZING COMMITTEE AND PARTNER ORGANIZATIONS

Host Country: Republic of Korea (ROK)

Host City: Changwon City

International Congress Organizing Committee

Chair: **Dr. Chua Thia-Eng**
Chair, East Asian Seas Partnership Council, PEMSEA

Members: **Dr. Li Haiqing**, Intergovernmental Session Chair
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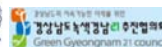
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