

# **PROCEEDINGS OF THE 2011 PNLG FORUM**

**“Achieving Sustainable Blue Economy through  
Integrated Coastal Management”**

**Dongying City, Shandong Province, PR China  
25-27 July 2011**

## PROCEEDINGS OF THE 2011 PNLG FORUM

Dongying City, Shandong Province, PR China, 26-27 July 2011

### A. INTRODUCTION

- i. The 2011 PEMSEA Network of Local Governments (PNLG) Forum was held at the Blue Horizon International Hotel, Dongying City, Shandong Province, PR China, from 26 to 27 July 2011. The Dongying Municipal Government hosted the Meeting with support from the State Oceanic Administration of China.
- ii. The Forum was attended by representatives from the PNLG members, namely: Cambodia (Preah Sihanouk); China (Dongying; Fangchenggang; Haikou; Laoting; Liangyungang; Quanzhou; Xiamen); Indonesia (Bali Province, Denpasar City; Gianyar Regency; Karangasem Regency; Tabanan Regency; Jakarta Province and Sukabumi Regency); Philippines (Bataan Province and Guimaras Province); RO Korea (Changwon City ); Thailand (Chonburi), and Vietnam (Danang and Thua Thien Hue).
- iii. Representatives from various local governments and various institutions served as observers, including: Cambodia (Kep Province); Indonesia (Jembrana Regency; West Java Province); Lao PDR (Saravane; Champasak); China (Panjin Ocean and Fishery Bureau of China; Qingdao Ocean and Fishery Bureau; Yangjiang Ocean and Fishery Bureau; Haiyang Municipal Government; Haiyang Ocean and Fishery Bureau; North China Sea Branch of SOA; Shandong Provincial Department of Oceanic and Fishery; RO Korea (Kyungnam University; Korea Ocean Research and Development Institute); and Timor Leste (Ministry of Agriculture and Fisheries).
- iv. The following served as resource speakers for the Forum: Dr. Chua Thia-Eng, Chair, EAS Partnership Council; Mr. Xue Rongjian, Deputy Director, Dongying Municipality Blue Economy Management Office, China; Mr. Lee Tsen Yang, National Parks Board, Singapore; Mr. Wang Shou Qiang, Representative of Dongying ICM Project, Dongying Municipal Government; Dr. Kee-Hyung Hwang, Research Fellow and Director, Korea Maritime Institute; Dr. Zhang Zhaohui, Associate Professor, First Institute of Oceanography, State Oceanic Administration, China.
- v. The PNLG Secretariat in Xiamen and PEMSEA Resource Facility (PRF) served as the Secretariat for the Meeting, while the Dongying Ocean and Fishery Bureau served as the local secretariat.
- vi. The meeting agenda and full list of participants are attached as Annex 1 and 2.

### B. OPENING CEREMONY

- i. On behalf of the Dongying Municipal Government, Honorable Jiang Jie, Mayor, expressed his warm welcome to all the participants. Mayor Jiang highlighted the importance given by Dongying on the harmonious development of its ecosystem and economy. Dongying is located at the conjunction area of Bohai Sea Rim

Economic Region and Yellow River Economic Belt, and connected to the Jing-jin-tang Economic region and Shandong Peninsula Economic Region. This strategic geographic location has made Dongying an important economic growth point. The 413km coastline of Dongying has 120,000 hectares of tidal land and 4800sq km of shallow offshore waters which provide opportunities for development of blue economy. Dongying has also been recognized as a wetland and ecological city. The Mayor emphasized that Dongying has started to implement Integrated Coastal Management (ICM) after 2005. Through the PNLG, Mayor Jiang hoped that cooperation among sites within the region will be further strengthened. He expressed hope that through the PNLG Forum, Dongying would be able to learn from the other ICM sites to enable them to improve further on their work and innovate their institutional mechanism to implement ICM and related activities.

- ii. On behalf of the State Oceanic Administration, Honorable Chen Lianzeng, Deputy Administrator, expressed his warm welcome to all the participants. Mr. Chen emphasized that the PNLG served as an information mechanism and inspiration for China to carry out various PEMSEA programs. In particular, their experience in China showed that PNLG can provide a platform for local governments and even research institutes to share experiences. Mr. Chen underscored their support to the PNLG theme on achieving sustainable blue economy through integrated coastal management (ICM) which is in line with the objectives of sustainable development. Since 1994, the SOA has been in charge of the implementation of PEMSEA programs in China. Through the PEMSEA programs, a number of technical personnel have been trained on ICM and marine management. Xiamen City which was an ICM demonstration site of PEMSEA has showed significant progress over the years. Mr. Chen proudly announced that Dongying City also has a number of initiatives to share to the Forum. In closing, Mr. Chen expressed appreciation to PEMSEA and confirmed China's commitment to continuously support the PEMSEA project.
- iii. On behalf of PNLG, Mr. Pan Shijian, Vice Mayor, Xiamen, China and PNLG President, thanked all the members and observers for their participation to the 2011 PNLG Forum. As the PNLG celebrates its 10<sup>th</sup> year anniversary, Vice Mayor Pan recalled the progress and achievements made over the years. In particular, Vice Mayor Pan emphasized the growth of PNLG membership from 18 members in 2006 to 26 members, with additional three (3) new members and two (2) associate members to be inducted in the Forum. PNLG has served as a communication platform for its members. In 2009, PNLG also became an official Non-Country Partner of the East Asian Seas Partnership Council. Over the years, Vice Mayor Pan noted that PNLG's level of maturity has increased tremendously. As the PNLG members are expected to adopt the Dongying Declaration, Vice Mayor Pan expressed confidence that PNLG will provide a stronger platform for ICM and SDS-SEA implementation.
- iv. Dr. Chua Thia-Eng, Council Chair, East Asian Seas (EAS) Partnership Council, delivered the message on behalf of the EAS Partnership Council. Dr. Chua welcomed all the participants and congratulated the PNLG Secretariat and members for continuing the good spirit of regional partnerships of local governments. Dr. Chua expressed his gratitude to the Dongying Government for the great efforts in hosting the event. In celebration of the ten years of PNLG, Dr. Chua emphasized the growth of PNLG into an important assembly of coastal cities

- and municipalities in the East Asian Seas region and key actors to the growth of ICM. Dr. Chua also noted the importance given by Dongying to the ICM approach and the use of its own resources to implement ICM program to meet local socioeconomic and environmental conditions. He further noted that Dongying presents a different model of economic development as a net gainer of accretion of deltaic land and large area of newly recruited mudflat and wetlands, and a key center of petroleum production from coastal land and vicinity of Bohai Sea. Dongying is also one of the testing sites for the implementation of Blue Economy in the Shandong Peninsula, wherein ICM can play a significant role. Dr. Chua emphasized that ICM provides a timely and useful governance and management framework that provides for a holistic planning on the wise use of coastal and marine ecosystem services. In order to achieve the goals of sustainable development as well as the blue or green economy, Dr. Chua underscored the need for paradigm shift by safeguarding the functional integrity of coastal and marine ecosystems to ensure continuity in the various provisional and regulatory services of ecosystem. The initiatives of Dongying to building a blue economy can therefore serve as a model to all PNLG members. Dr. Chua wished the Forum full success.
- v. On behalf of the PEMSEA Resource Facility (PRF), Prof. Raphael P.M. Lotilla, PRF Executive Director, expressed appreciation to the Municipal Government of Dongying and the State Oceanic Administration (SOA) of China for their impressive preparations for the PNLG Forum. Prof. Lotilla believes that the forum's theme on Sustainable Blue Economy through ICM serves as a good introduction to the broader discussions on the Blue Economy in the upcoming East Asian Seas Congress 2012. Prof. Lotilla emphasized that the concept of "Blue Economy" or "Blue Civilization" is focused in the sustainable development of oceans and coasts and through this, oceans and coasts will be mainstreamed in the agenda of economic managers of the countries of East Asia. Based on studies made by PEMSEA, the oceans and coasts of the East Asian countries contribute a much higher percentage to the national economies than in other regions of the world. It is therefore crucial for the region to highlight the enormous value of the oceans and to generate sufficient understanding of the economic, social and ecological contributions from the oceans and the future potential that can be generated (i.e., pharmaceutical products from marine animals and plants). As demonstrated by the PNLG members, Prof. Lotilla underscored that the quest for sustainable development starts with local governments, and the regional coverage of PEMSEA gives added strength and credibility to inspire governments and stakeholders at the national, regional and global levels. In closing, Prof. Lotilla congratulated and welcomed the new members of PNLG and wished the Forum a productive discussion.

#### *Keynote Speech*

- vi. Mr. Xue Rongjian, Deputy Director, Dongying Municipality Blue Economy Management Office, delivered the keynote speech focusing on the implementation of the two national strategies (the Yellow River Delta Development Strategy and the Development Plan for Shandong Peninsula) and the construction of national eco-efficient economic zone and blue economic zone in China. Mr. Xue outlined the rich natural resources found in Dongying, including the abundant land reserve (452 mu of unutilized state-owned alkaline land) and shallow sea area (7.2 million mu), freshwater resources, oil and gas resources (4.83 billion tons of oil reserve and 230

- billion cubic meters of natural gas), marine ecosystem, rock salt reserve (588.2 billion tons), thermal power reserve (75 billion cubic meters), available infrastructures (ports, roads, airport, etc), and industries (petroleum, manufacturing, paper making, new/alternative energy). Dongying has also established six functional zones:
- Important National Pilot Zone for Eco-Efficient Economy
  - Important National Pilot Zone for River-Ocean Eco-Civilization
  - Important National Development Zone for Land Reserve
  - Important National Avant-Guarde Zone for Coordinated Development of Land and Sea
  - Cluster Zone for Eco-Efficient Marine Industry at the Yellow River Delta
  - National Level City with Best Quality of Living
- vii. The development objectives of the establishment of the blue and yellow economic zones in Dongying are divided into two timeframes:
- 2011-2015 – local GDP per capita and local fiscal revenue doubled by 2015; Basic new form of eco-efficient economic development mode formed, establishing eco-efficient marine industrial system, modern integrated transportation system, eco-supportive system, and policy support system.
  - 2016-2020 – fairly prosperous society built; basic modernization achieved; national level eco-efficient economic zone and blue economic zone developed with sound environment and prosperous culture.
- viii. The core task of the Yellow and Blue Economic zones is to build a modern industrial system focusing on: development of eco-efficient agriculture; building of environment-friendly industries; development of modern service industry; and cultivation of China's marine industry.
- ix. Some of the initiatives related to strengthening ecological construction and environmental protection in Dongyong are as follows:
- Triple-net green system- 3.1 billion Yuan has been invested to complete the green area of 858,000 mu and this established the main framework of the Triple net green project
  - Wetland ecosystem- the project entails restoration of wetlands and development of Diao Kou River ecological diversion. In 2010, 200,000mu of wetland was restored
  - Resource Recycling system- 20 of the 25 key circular economy projects have been put into operation, 8 special circular economy chains which are cultivating projects of the "forests-paper integration" were kept on continuous extension and improvement. By year 2012, a national circular economy pilot city will be set up.
  - New energy development and utilization system- wind power projects have been completed and their capacity has reached 45 million kilowatts by the end of 2010. UNIDO has named the city as an international model city of clean technologies and new products.
  - Application System of Energy Saving Low-carbon technology- Actively develop circular economy, vigorously promote clean production, focus the efforts on energy saving and water-gas pollution in the areas of chemicals, electricity, construction; carry out the work jointly with the Provincial Department of

Construction to build a demonstration eco-city with low-carbon; and guide the whole society to form a low-carbon lifestyles and consumption patterns

- x. Dongying has also introduced several policy support to promote investment and development:
- Reform on Land Management System- implement strategic cooperation agreement signed by the provincial government and the Ministry of Land to promote eco-efficient use of unused land
  - Renovation on Financial System- Set up the Yellow River Delta Industry (stock equity) Investment Funds; Set up local bank in the region of Yellow River Delta; Promote the qualified business listing and issuing bonds; Development of property rights trading market
  - Reform on Finance and Tax System- Putting in place favorable policies to support the development of new energy industry such as solar energy and tidal energy; Foreign capital is encouraged for business realignment and city infrastructure construction; Proposal on the tariff reform of the projects of crude salt, oil and initiate the reform of resource tariff timely; 1,600,000,000 Yuan Special fund allocation for Shandong Peninsula Blue Economic Zone and Yellow River Delta High-Efficiently Economic Zone
- xi. The full text of the Opening Ceremony speeches is attached as Annex 3.

## **C. PNLG GENERAL ASSEMBLY**

- i. In recognition of the efficient leadership and dedication of Vice Mayor Pan Shijian as PNLG President and Governor Enrique Garcia, Jr. as PNLG Vice President, certificates of appreciation were awarded to them by PEMSEA, represented by Dr. Chua Thia-Eng and by the PNLG Secretariat represented by Dr. Zhou Lumin.
- ii. Vice Mayor Pan Shijian and Governor Enrique Garcia expressed their sincere thanks and continued support to the PNLG. Both expressed confidence on the PNLG members in further strengthening the PNLG as a network and in scaling up the good practices in ICM implementation.
- iii. Mr. Pan Shijian, PNLG President, served as the Chair, and Mr. Enrique Garcia, Jr., PNLG Vice President, served as the Co-Chair of the PNLG General Assembly.

## **1.0 REPORT OF THE PNLG SECRETARIAT**

- 1.1 Dr. Zhou Lumin, Head, PNLG Secretariat, presented the annual report of the PNLG and highlights of the 2010 PNLG Forum which was held in Chonburi, Thailand.
- 1.2 The key achievements of the PNLG in 2010 to 2011 include the following:
- a) the conduct of preparatory meetings for the organization of the 2011 PNLG Forum in coordination with Dongying Municipal Government, SOA and PRF;

- b) assessing the application of the 3 local governments (Changwon City, RO Korea; Laoting and Lianyungang, PR China) as potential regular members and 2 academic and research institutions (Coastal and Ocean Management Institute of Xiamen University, PR China and First Institute of Oceanography of SOA, PR China) for potential associate member and facilitating their acceptance;
  - c) coordinating with the regular members the implementation of the PNLG Strategic Action Plan 2011 as approved during the 2010 PNLG forum,
  - d) participation in the election of the Technical Session Chair for the East Asian Seas Partnership Council as a Non-Country Partner of PEMSEA; and
  - e) the operationalization of the PNLG Secretariat.
- 1.3 The PNLG Secretariat received USD 10,000 contribution from the Xiamen Municipality for the operations of the PNLG Secretariat, and collected membership fees amounting to USD19,500 while total expenditures incurred amounted to USD10,000, excluding travel cost of 2 PNLG Secretariat staff who participated in the 2010 PNLG Forum.

## **2.0 INDUCTION OF NEW PNLG REGULAR MEMBERS AND ASSOCIATE MEMBERS**

- 2.1 During the Third Preparatory Meeting for the 2011 PNLG Forum, the PNLG Executive Committee reviewed the applications of Changwon City of RO Korea, Lianyungang City and Laoting County of PR China for PNLG membership, as well as the applications from the Coastal and Ocean Management Institute (COMI) of Xiamen University and First Institute of Oceanography (FIO), SOA of China as associate members of PNLG. After assessing their eligibilities, the Executive Committee approved the applications and endorsed their formal admission as PNLG members (regular and associate) to the General Assembly. With their inclusion, PNLG currently has 29 regular members and 2 associate members from 8 countries across East Asia.
- 2.2 The 3 new members and the first 2 associate members of PNLG were inducted and formalized their membership by signing the PNLG Charter.
- 2.3 Changwon City shared some information regarding the city's environment-related initiatives. Labeled as an "Environmental Capital", Changwon City developed its 2020 Vision and Road Map for establishing Changwon as a Global Environmental Capital. The City also introduced the Total Pollution Loads Management System in Masan Bay as well as the revival of Bong-Am Tidal Flat. Changwon City is also a member to a number of international environmental organizations, and has served as host to several international environmental events/conferences. In 2012, Changwon City will host the East Asian Seas Congress 2012.
- 2.4 Lianyungang City is leading the development of coasts in Gyangsu Province in China. Their aim is to build Lianyungang into a model city. In line with this objective, the city is committed to implementing ICM to ensure sustainable development of their coastal and marine resources and environment. Some of their initiatives include: (a) strengthening of management teams for coastal and marine management; (b) establishment of marine policy brigade; (c) construction of a new

monitoring center; and (d) setting up of satellite receiver and data processing center.

- 2.5 In line with Laoting County's commitment to ICM and SDS-SEA implementation, key aspects of the SDS-SEA were incorporated into the County Master Planning and Industrial Development Planning in Harbor Areas. A wastewater treatment facility was also constructed and has a daily treatment capacity of 40k mt. A garbage landfill project (first phase) with the capacity of 200 mt. garbage was also undertaken. Reforestation efforts were also being undertaken in the old river channel of Luan River.
- 2.6 The Coastal and Ocean Management Institute (COMI), Xiamen University aims to become a national and regional center of excellence in coastal and ocean governance for the sustainable development of river basins, coasts, islands, seas and oceans. By joining PNLG, COMI hopes to provide further support to the local governments or areas implementing ICM by contributing to building capacities in coastal and ocean management/governance, and help promote/develop approaches, methodologies and tools to enhance interagency and multi-sector coordination as well as policy and functional integration at all levels of governance. . The key programs being offered by COMI include: Coastal and Ocean Policy and Legislation Program; ICM and Transboundary Research Program; Marine Economics, Resource Valuation and Environmental Accounting Program; and Human Resources Development Program.
- 2.7 The First Institute of Oceanography of the State Oceanic Administration of China is a comprehensive research institute with the State Oceanic Administration of China serving as its governing body. FIO is engaged in both basic and applied research in oceanography and marine related science and technology. It also supports the development of marine science and technology and provides technical support and research services in the areas of marine resources management, national marine protection, marine economic development and marine safety. FIO has established a number of collaborations with various countries and institutions within and outside the East Asian region.

### **3.0 REVIEW AND ADOPTION OF 2012 PNLG WORK PROGRAMME AND BUDGET**

- 3.1 The PNLG Secretariat presented the 2012 PNLG work program and budget. The proposed 2012 work program includes the following key activities:
- Organization of the 2012 PNLG Forum in Changwon City, RO Korea(July 2012)
  - Facilitate the election process for the new PNLG officers
  - Recruitment of new PNLG members
  - Facilitate the amendment of the PNLG Charter to include the roles and obligations of PNLG associate members
  - Coordinate the reporting process for the implementation of the PNLG Strategic Action Plan and Dongying Declaration
  - Strengthen/operationalize the PNLG Secretariat
- 3.2 The amendment of the PNLG Charter aims to include provisions pertaining to the roles and obligations of the PNLG associate members under Article V.20. Given the



anticipated expansion of the PNLG in the coming years, the following actions were recommended:

- Establishment of a small working group to develop the Charter amendment covering the roles and obligations of associate members
- PNLG Secretariat to facilitate the consultation process among the regular and associate members for the finalization of PNLG Charter amendment
- PNLG Secretariat to submit the amended PNLG Charter to the General Assembly for adoption after reaching consensus.

3.3 The proposed 2012 budget allocated USD10,000 for the operations and capacity strengthening of the PNLG Secretariat, as well as representation of PNLG at PEMSEA Partnership Council Meeting and in various international/regional forums. Budget for other activities will be taken from different sources (i.e., appropriation by the Xiamen Municipality; PEMSEA country budgets; PNLG membership fee, etc.).

3.4 The General Assembly adopted the 2012 PNLG work plan and budget.

#### **4.0 IMPLEMENTATION OF THE 5-YEAR PNLG STRATEGIC ACTION PLAN WITHIN THE FRAMEWORK OF THE SDS-SEA**

4.1 Ms. Nancy Bermas, PRF Senior Country Programme Manager, provided background information on the development of the Dongying Declaration and highlighted its linkage with the implementation of the 5-year PNLG Strategic Action Plan (SAP).

4.2 The 5-Year PNLG SAP covers the period 2011-2015 focusing on the following:

- Achieving a 100% increase in PNLG membership by 2015
- Stock-taking, publication and dissemination of achievements, lessons and benefits derived from ICM program implementation to promote ICM scaling up
- Facilitating the adoption and implementation of an ICM Code and Recognition System
- Strengthening the capacity of PNLG members through participation in the preparation, organization and conduct of capacity building and education programs
- Promoting the implementation of PEMSEA's State of the Coasts reporting

4.3 The Dongying Declaration espouses the commitment of PNLG to take an active role in ICM scaling up and in building a "blue economy" for the region. It recognizes the crucial role of the PNLG in achieving the target of covering 20% of the region's coastline through ICM by 2015 as targeted in the Haikou Partnership Agreement by the EAS countries.

4.4 In line with the implementation of the PNLG 5-Year SAP and to assess the achievement of commitments from the Dongying Declaration, the PNLG Secretariat and PRF were requested to develop a monitoring mechanism to report on the progress made. The monitoring mechanism will be presented to the next PNLG Forum for review and adoption.

- 4.5 The following are the highlights of the discussion by the General Assembly:
- Associate members can play a key role by providing scientific and technical support to the regular members;
  - Operationalizing the PNLG website and creating web links with the members and other partners for greater visibility and wider reach;
  - Uploading in the PNLG website or creating a regular newsletter/bulletin to feature articles and case studies on good practices in ICM implementation to promote knowledge exchange and dissemination;
  - Internalizing the targets of the Dongying Declaration and providing confidence, in particular to the ICM scaling up process in the PNLG members' respective countries; and
  - Taking note of the requirements for monitoring and reporting of progress made by the PNLG members in implementing the actions required by the Dongying Declaration, to consider modifying the format of the PNLG forum to encourage greater interaction among the members and other participants.

## **5.0 SIGNING OF THE DONGYING DECLARATION ON BUILDING A BLUE ECONOMY THROUGH ICM**

5.1 In line with their commitment to implement the Sustainable Development Strategy for the Seas of East Asia (SDS-SEA), the PNLG regular and associate members signed the Dongying Declaration on Building a "Blue Economy" through Integrated Coastal Management.

5.2 The Dongying Declaration outlines six key targets:

- (1) Mainstreaming ICM strategies, objectives and targets into the local government development plans for sustainable marine and coastal development and for building a "blue economy.
- (2) Implementing the PEMSEA ICM Code and Recognition System across 50% of the PNLG local government membership by 2015.
- (3) Applying the State of the Coasts reporting system across 100% of PNLG local government membership by 2015.
- (4) Co-organizing an annual regional forum for Local Chief Executives on ICM scaling up, in collaboration with the PEMSEA Resource Facility and the Xiamen World Ocean Week.
- (5) Co-organizing site-specific capacity development programs.
- (6) Engage other local governments within each PNLG member sites to develop and implement ICM and to join the PNLG, and achieve a 100% increase in PNLG membership by 2015.

5.3 On behalf of PEMSEA, Dr. Chua Thia Eng congratulated all the PNLG members for adopting a milestone agreement that will further strengthen the role and value of PNLG in the region and in the overall implementation of the SDS-SEA and ICM programs.

## **6.0 TURNOVER OF PNLG FLAG TO 2012 PNLG FORUM HOST LOCAL GOVERNMENT**

6.1 The Changwon City Government accepted the PNLG Flag from Dongying City Government as the next host city for the PNLG Forum 2012. Changwon City will host back to back the PNLG Forum 2012 and the East Asian Seas Congress in July 2012.

## **7.0 CLOSING OF THE GENERAL ASSEMBLY**

7.1 Vice Mayor Pan expressed his thanks to all the PNLG members and to Dongying City for hosting the forum. He underscored that the signing of the Dongying Declaration is not only a generalization of PNLG's work for the past ten years but also provides the network's commitment in the coming years. Mr. Pan expressed his continuing support to the PNLG. In closing, Mr. Pan thanked Changwon City of RO Korea for offering to host the 2012 PNLG Forum. He invited all the members to participate in the PNLG Forum in Changwon City.

7.2 The General Assembly was adjourned at 5:20 PM.

**D. PNLG TECHNICAL WORKSHOP**  
**Seminar on Achieving Sustainable Economy through ICM**

- i. Prof. Mao Bin, Senior Ocean Management Consultant, Department of International Cooperation, State Oceanic Administration of China, served as the Chair of the Seminar

**1.0 Presentations**

**Presentation 1:** “Blue Economy and ICM Mutually Reinforcing Pillars for Achieving Regional Sustainable Coastal Development”.

- 1.1 Dr. Chua Thia-Eng described how the concept, approach and practices of ICM have evolved into a system and how such system can provide a facilitating role in achieving blue economy. Dr. Chua put emphasis on the role of the local governments in the development of blue economy. With the current effort to scale up ICM at the national and regional levels, the ICM system can provide an overarching framework for the implementation of the proposed blue economy while the working modality for blue economy is being clarified.

**Presentation 2:** “Integrated Urban Coastal Management: Strategies for Achieving a Lively and Livable Singapore”.

- 1.2 Mr. Lee Tsen Yang showed how Singapore is doing land-use planning and management in a very meticulous manner in view of the country’s limited land and sea space and high population density. With the Government’s vision for Singapore to be a “city in a garden” and “a great place to live, work and play”, strategies to optimize the use of the limited land and sea space through integrated urban coastal management were discussed.

**Presentation 3:** “Experiences of Dongying in Integrated Management of River Basin and Coastal Area”

- 1.3 Mr. Wang Shouqiang presented the achievements of Dongying in ICM implementation since its establishment as an ICM parallel site in 2005. The ICM program focused on the establishment and strengthening of the governance mechanism and implementing programs and projects related to protecting biodiversity and habitats, increasing fisheries and aquaculture production and pollution reduction. The integrated management of Guangli River, in particular focused on identifying pollutant sources, setting of water quality targets and developing a pollution reduction plan. Key lessons derived from the program were presented.

**Presentation 4:** “Measuring Korea’s Blue Economy: Some Facts and Problems”

- 1.4 Dr. Kee-Hyung Hwang described Korea’s efforts in analyzing the marine economy in sustaining the growth of the national economy, the limitations and challenges encountered. In view of the difficulties in classifying marine industries, i.e., marine-

based and marine-related, the experiences of eight countries were reviewed for comparison with that of Korea and concluded that the marine industry classification of China is the most comprehensive. Some preliminary results in measuring Korea's ocean sector were presented including the problems and suggested solutions.

**Presentation 5: "State of the Coasts: An Evaluation and Monitoring Tool for ICM Implementation"**

- 1.5 Dr. Zhang Zhaohui presented the objectives, benefits, the steps in the development of the Dongying SOC and the key results from the initiative. Thirty two indicators were used for the trend analysis covering the period 2005-2010. The preliminary results suggested a positive trend in the governance mechanism except the need to further strengthen the coordinating mechanism. For the aspects of sustainable development, improvements in the social, economic and environmental sustainability were noted. The value of the SOC reporting was recognized and recommendations to further improve the reporting process were presented.

**2.0 Highlights of Open Forum/Discussion**

- 2.1 The discussion focused on the following:
- a. Clarifying the difference and linkages between green economy and blue economy;
  - b. Sharing China's experience in demonstrating/testing the blue economy in 7 sites across the country;
  - c. Sharing the guidelines adopted by Dongying to implement the two national strategies on Yellow and Blue economy; and
  - d. Importance of stakeholders' involvement and participation in the SOC reporting.

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**MEETING AGENDA****2011 PNLG Forum****25-27 July, 2011****Dongying Municipality, People's Republic of China**

Forum Programme

**25 July, Monday**

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|-------------|--|
| All day     | Arrival and early registration<br>Blue Horizon International Hotel, Dongying,                              |
| 12:00       | Lunch (Huizhou Hall, Blue Horizon Hotel)   |
| 17:30-18:00 | Meeting distinguished guest<br>Welcome Dinner  |
| 18:00       | Venue: Lanhai Hall, Blue Horizon International Hotel<br>(to be co-hosted by Dongying Municipal Government) |

**26 July, Tuesday****Opening Ceremony****Venue: Lanhai Hall, Blue Horizon International Hotel****Chair: Hon. Lv Xueping, Vice Mayor, Dongying Municipal Government**

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|-------------|---|
| 0830 – 0900 | <b>Registration</b>   |
| 0900 – 0920 | <b>Entry of delegates</b>   |
| 0920 – 0930 | <b>Acknowledgements of important guests and participants</b>                                  |
|             | <b>Welcoming Remarks</b>  |
| 0930 – 0940 | Hon. Jiang Jie, Mayor, Dongying Municipal Government, PR China<br><b>Remarks</b>              |
| 0940 – 0950 | Hon. Chen Lianzeng, Deputy Director, State Oceanic Administration, PR China<br><b>Remarks</b> |
| 1000 – 1010 | Hon. Pan Shijian, Vice Mayor, Xiamen, PR China and PNLG<br>President<br><b>Remarks</b>        |
| 1010 – 1020 | Dr. Chua Thia-Eng, Chair, East Asian Seas Partnership Council<br><b>Remarks</b>               |
| 1020 – 1030 | Prof. Raphael P.M. Lotilla, Executive Director, PEMSEA Resource<br>Facility<br><b>Remarks</b> |
| 1030 – 1040 | <b>Signing the MOU on the Development and Implementation of ICM</b>                           |
| 1040 – 1100 | <b>Coffee break and Group Photo</b>   |
| 1100 – 1200 | <b>Keynote Speech</b>   |

Shandong Peninsula Blue Economic Zone Development Plan

**Mr. Xue Rongjian**

Deputy Director, Dongying Municipality Blue Economy Management Office,  
PR China

1200 – 1400 Lunch (Huizhou Hall, Blue Horizon Hotel)

**General Assembly of the PNLG**

**Venue: Lanhai Hall, Blue Horizon International Hotel**

**Chair: Hon. Pan Shijian, PNLG President and Vice-Mayor, Xiamen, PR China**

**Co-Chair: Hon. Enrique T. Garcia, Jr., PNLG Vice President and Governor, Bataan Province, Philippines**

**Report of the PNLG Secretariat**

1400 – 1420 **Dr. Zhou Lumin**

Head, PNLG Secretariat

**Induction of New PNLG Regular Members**

- Changwon City (Republic of Korea)
- Lianyungang (China)
- Laoting (China)

1420 – 1520 **Induction of New PNLG Associate Members**

- Coastal and Ocean Management Institute, Xiamen University
- First Institute of Oceanography, State Oceanic Administration

**Signing of PNLG Charter**

**Statement of the new members**

**Review and Adoption of 2012 PNLG Work Program and Budget**

1520 – 1540 **Dr. Zhou Lumin**

Head, PNLG Secretariat

1540 – 1600 Coffee/tea break

**Implementation of the 5-year PNLG Strategic Action Plan within the framework of the Sustainable Development Strategy for the**

1600 – 1640 **Seas of East Asia**

**Ms. Nancy Bermas**

Senior Country Programme Manager, PEMSEA Resource Facility

1640 – 1720 **Signing of the Dongying Declaration on Building a Blue Economy through ICM**

1720 – 1730 **Turn over of PNLG Flag to the 2012 PNLG Forum Host Local Government**

1800 – 2100 Dinner (Huizhou Hall, Blue Horizon Hotel)

**27 July, Wednesday**

**Seminar on Achieving Sustainable Economy through ICM**

**Venue: Lanhai Hall, Blue Horizon International Hotel**

**Chair: Prof. Mao, Senior Ocean Management Consultant, Department of International Cooperation, State Oceanic Administration, PRChina**

0830 – 0840 Introduction of Chair

0840 – 0910 **Blue Economy and ICM: Mutually Reinforcing Pillars for Achieving Regional Sustainable Coastal Development**  
**Dr. Chua Thia-Eng**

Chair, East Asian Seas Partnership Council

0910 – 0940 **Integrated Urban Coastal Management: Strategies for Achieving a Lively and Livable Singapore**

**Mr. Lee Tsen Yang**

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0940 – 1010 **Sustainable Development of China's Marine Economy: Dongying case study on the development of marine economy through ICM implementation**

**Mr. Wang Shou Qiang**

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1010 – 1030 Coffee/tea break

1030 – 1100 **Measuring Korea's Blue Economy: Some Facts and Problems**  
**Dr. Kee-Hyung Hwang**

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1100 - 1130 **An evaluation method of ICM implementation**

Dr. Zhang Zhaohui

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1130 -1200 Discussion

1200 - 1330 Lunch (Huizhou Hall, Blue Horizon Hotel)

#### **Site visits**

1400 – 1730

- Yellow River Delta Nature Reserve – showcasing efforts on wetlands management; water use and river management
- Aquaculture activities
- Watertown

1830 – 2100 Closing Ceremony, Partnership Night

Venue: Lancui Lake Holiday Hotel (to be co-hosted by PEMSEA)

**28 July, Thursday**

**Departure of participants**



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**ANNEX 3**

**Opening Remarks  
By  
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Honorable Dr. Chua Thia-Eng, Chair of the EAS Partnership Council  
Honorable Professor Lotilla, Executive Director of PEMSEA  
Honorable Governor Garcia, Vice Chair of PNLG  
Honorable representatives, Ladies and Gentlemen:

Good morning. We gathered in Dongying for the PNLG annual forum. First of all, on behalf of all other PNLG members, I cordially extend my sincere appreciation to PEMSEA, SOA and Shangdong Provincial Government for their support to this meeting. Thank Dongying Government for its hospitality and great organizing. Thank all the staff of the organizing committee of the PNLG Annual Forum for their hard work. And thank you all.

Dongying is a beautiful city located in Yellow River mouth area and has outstanding environment. As the only city located within both Yellow River Delta High-efficient Ecological Economic Zone and Shandong Peninsula Blue Ocean Economic Zone, Dongying made great achievement based on a sustainable development philosophy. Since its entry into PNLG in 2007, Dongying promoted the implementation of ICM and made great contribution to increase PNLG's influence. Last year, Dongying applied to host the PNLG Annual Forum. Prepared carefully for one year, Dongying provide strong support to the opening of PNLG Annual Forum today.

This year is the tenth anniversary of PNLG. In 2006, 18 regional governments from 7 countries signed PNLG Charter and became the first PNLG members. Now PNLG has 26 regional government members from 9 countries and 5 observers. This year, we'll absorb 3 regional governments from 2 countries as new members and 2 oceanic research and education institute as PNLG associate members.

After 10 years of development, PNLG established a fantastic communication and cooperation platform for its members. Through this platform, we can share regional government's experience on ICM and discuss issues of sustainable development. In 2009, PNLG became a non-government partner of EAS Partnership Council (Dr. Chua Thia-Eng is its Chair). Last year, we passed PNLG Strategic Action Plan which instructed our regional government members to implement an EAS Sustainable Development Strategy in 5 years. After ten years' efforts, PNLG became a mature organization with huge influence in eastern Asia. Its regional government members research on ICM and make great contribution to the sustainable development of oceanic economy.

In this meeting, we will summarize PNLG's work of this year and will review the working programme for next year. We'll discuss and exchange experience on developing blue economy and sign Dongying Statement. I hope everyone will not hesitate to share his experience and ideas on developing blue economy. We believe through this meeting, PNLG will continuously operate in a scientific high-efficient way, provide a better communication platform and ICM technical support for its members, and stimulate the implementation of EAS sustainable development strategy.

Finally, wish a great success of this meeting.

Thank you.

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**Opening Remarks**  
**By**  
**Prof. Raphael P. M. Lotilla**  
**Executive Director, PEMSEA Resource Facility**

The Honorable Chen Lianzeng, Deputy Administrator, State Oceanic Administration  
The Honorable Jiang Jie, Mayor of Dongying Municipal Government  
The Honorable Pan Shijan, PNLG President  
The Honorable Enrique Garcia, Jr., PNLG Vice-President  
Dr. Zhang Zhanhai  
Dr. Chua Thia-eng  
Distinguished representatives of the PNLG Member Local Governments  
Friends, Ladies & Gentlemen

On behalf of the PEMSEA Resource Facility, I wish to join all the participants in the 2011 PNLG Forum in expressing our profound thanks to you, Mr. Mayor, & the Municipal Government of Dongying, China for the warm welcome to this beautiful city. We are impressed with your preparations for this Forum, particularly since it was only seven months ago since we held the last PNLG Forum in Chonburi, Thailand. Our deepest thanks also go to the State Oceanic Administration of the People's Republic of China for its continued and unflagging support to the PNLG and PEMSEA, and particularly for ensuring the success of this Forum.

My friends in PNLG, this is my second visit to Dongying and I am certain that the visiting participants will soon see for themselves Dongying's enormous efforts to work toward attaining economic progress, social harmony & environmental integrity as outlined by Mayor Jiang.

May I, therefore, congratulate the officers & members of the PEMSEA Network of Local Governments for the holding of this year's annual forum in Dongying. This year's theme on Sustainable Blue Economy through ICM is a timely introduction to the broader discussions on the Blue Economy that will take place in the East Asian Seas Congress 2012 and Ministerial Forum in Changwon, Republic of Korea. The focus of the "Blue Economy" or "Blue Civilization" is on the sustainable development of the oceans and coasts. Through this theme, we will be putting the Oceans & Coasts on the agenda of the economic managers of the countries of East Asia. The enormous value of the oceans to our societies in East Asia need to be highlighted in order to draw appropriate attention, generate various forms of involvement from different stakeholders and attract investments. Unless we generate sufficient understanding of the economic, social and environmental contributions from the oceans & the future potential that can still be generated, we will not be able to gather sufficient support for protecting the oceans & for investing in activities that will enable us to sustainably utilize their resources for future generations.

You will recall that studies previously undertaken by PEMSEA show that more than other regions of the world, the oceans & coasts of the countries of East Asia contribute a much higher percentage to the national economies than in other regions of the world. The potentials are even greater. For example, less than 1% of the world's pharmaceutical products today are derived from marine animals & plants. The potential therefore remains enormous for the world to find cures in the oceans for many diseases that afflict humanity. In order for that potential to be realized, we must all work together to preserve

the marine biodiversity of the oceans that would allow research activities to be undertaken and tap the hidden secrets of our ocean's living resources. In turn, to preserve marine biodiversity, we must proceed to address the other aspects of the sustainable development of the seas & coasts that you as pioneering members of the PNLG have been addressing through your respective ICM programs.

As you have demonstrated in your respective communities, the quest for the sustainable development of the East Asian Seas starts with local governments. Certainly, it does not end there. But the regional coverage of our organization gives it added strength and credibility to inspire governments and other important stakeholders at the national, regional and global levels to recognize the full economic, social and environmental value of the oceans and coasts to our people for generations to come.

I therefore congratulate the new members of PNLG: Changwon City in the Republic of Korea, and Lianyungang & Laoting in the People's Republic of China; and to the first associate members: the First Institute of Oceanography of the State Oceanic Administration. We look forward to their active involvement.

On a final note, I wish to emphasize that Dongying is in a land that is both old and new. New land is being constantly created from river deposits. But this land is also a part of the cradle of China's ancient Yellow River civilization and home to the wise philosophers Confucius (Kung Fu-tzu) and Sun-tzu, author of "The Art of War".

May the wisdom of the ancients inspire us to find solutions to the challenges that face our generations and future ones just as the ancients found solutions to those they faced.

I wish you all a productive discussion. To paraphrase an old Chinese saying, in our journey toward sustainable development, may fair winds always blow behind our back.

Thank you very much.

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**Dongying Declaration**  
(see separate file)