

# *Partnerships in Action*

**PEMSEA Accomplishment Report 2010–2011**



Partnerships in Environmental Management  
for the Seas of East Asia

A GEF/UNDP Regional Programme

Partnerships in Action: PEMSEA Accomplishment Report (2010–2011)

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## *Key Achievements*

<b>PEMSEA and the SDS-SEA: A Strategic Platform for Sustainable Development of the LMEs and Coasts of the EAS Region</b>	<b>8</b>
<b>Working Towards PEMSEA's Transformation</b>	<b>8</b>
<b>Strengthening Joint Planning and Implementation</b>	<b>9</b>
<b>SDS-SEA Implementation</b>	<b>10</b>
<b>Enabling Capacities</b>	<b>18</b>
<b>Advocacy</b>	<b>21</b>
<b>Resource Mobilization</b>	<b>26</b>





## Executive Summary

Over the past year, PEMSEA has intensified its transformation into a country and partner-owned self-sustaining and full-fledged international organization. At the same time, PEMSEA continued to work with the countries and ICM sites, as well as with other Non-Country Partners to implement the Sustainable Development Strategy for the Seas of East Asia (SDS-SEA). The year 2010 to 2011 has definitely illustrated “Partnerships in Action” as it demanded stronger interaction and collaboration between the PEMSEA Resource Facility and the Executive Committee, the PEMSEA Partners, collaborators, and sponsors.

This Report highlights the various collaborative activities and accomplishments of PEMSEA, covering the following:

### PEMSEA and the SDS-SEA: A Strategic Platform for Sustainable Development of the LMEs and Coasts of the EAS Region

The October 2010 EAS Stocktaking Meeting, participated in by representatives from East Asian countries and regional programmes and organizations, recognized PEMSEA’s comparative advantage and capacity to provide the regional governance mechanism for coastal and ocean governance in the region as well as the platform for regional partnerships and collaborative actions through the SDS-SEA framework.

### PEMSEA’s Transformation

Transforming PEMSEA into a full-fledged international organization that is operationally sustainable requires a number of prerequisites. Thus, significant efforts were undertaken in developing PEMSEA’s Rule of Governance as well as plans that will guide PEMSEA in the transformation process. These plans cover the 5-Year SDS-SEA Implementation, the PRF Re-engineering, as well as Sustainable Financing, and Advocacy and Communication.

### Strengthening Joint Planning and Implementation

To effectively implement the SDS-SEA, joint planning and implementation were strengthened. A comprehensive review of the accomplishments undertaken by the countries since the adoption of the SDS-SEA was completed, as well as the remaining and new challenges ahead. In drafting a medium-term plan, a series of national and local consultations had to be undertaken. Non-Country Partners were engaged in the SDS-SEA

review process. As a result of these efforts, the initial 5-Year Plan was developed and will undergo final consultations and refinements prior to official adoption in the Fourth Ministerial Forum in July 2012.

### SDS-SEA Implementation

In a span of one year, a number of accomplishments were achieved at the local, national and regional levels. At the local level, establishment of institutional arrangements, development and approval of ICM-related legislations, conduct of various capacity-building initiatives, development of State of the Coasts (SOC) reports, and implementation of community-based activities were notable outputs, among others. At the national level, two Leadership Forums on Sustainable Development of Coastal and Marine Areas were successfully conducted; new national policies related to coasts, marine and water were also initiated and developed; the PEMSEA Non-Country Partners continued to implement a broad range of activities contributing to the objectives of the SDS-SEA.

### Enabling Capacities

Through PEMSEA's capacity-building programs and networks, new training courses and materials were developed, more than 600 individuals were trained, and close to 100 Regional and National Task Force members were engaged.

### Advocacy

In line with PEMSEA's advocacy to strengthen and promote the implementation of the SDS-SEA through ICM, PEMSEA continued to use various modes to reach a wider audience and further expand its network and linkages. The advocacy efforts of PEMSEA included: participating in various regional and international events; tapping and enhancing PEMSEA's network, including the PEMSEA Network of Local Governments for Sustainable Coastal Development (PNLG), the Twinning Network on Integrated River Basin and Coastal Area Management, and engaging the private sector through Corporate Social Responsibility.



### Resource Mobilization

PEMSEA leveraged financial support for the implementation of SDS-SEA activities in Partner countries. In particular, the PEMSEA Partners, such as, the Swedish Environmental Secretariat for Asia (SENSA) through SIDA; the Korea Maritime Institute (KMI) and the Ministry of Land, Transport and Maritime Affairs (MLTM) provided support in the conduct of various capacity-building activities, as well as in the development of national policies. Recently, the Yeosu Project/Fund also announced the approval of two project proposals related to sustainable oil spill preparedness and response, in collaboration with the International Maritime Organization (IMO), and sustainable operation of ports that PEMSEA will be initiating in 2012.

### Challenges

The road to transformation comes with a number of challenges. In order to build a stronger and more reliable PEMSEA, each aspect of the mechanism and its operation – governance, organizational structure, capacities and financing, need to be carefully reviewed and strengthened.

However, the good practices and successes of PEMSEA, exemplified by the strong buy-in by Partners and Sponsors, for the implementation of SDS-SEA and the scaling up of ICM programs across the region, provide a solid foundation for the organization. There is every indication that the organization will continue providing value to countries of the region as a guiding and coordinating mechanism for sustainable development of the region's coasts and ocean in the future.



## Message

As we together work to transform PEMSEA into a fully-functioning regional mechanism for coordinating the implementation of the Sustainable Development Strategy for the Seas of East Asia (SDS-SEA), it is useful to reflect on where our partnership and collective actions have taken us.

Despite various challenges, we are pleased with our collective accomplishments from 2010 to 2011. PEMSEA as a Partnership has made significant strides in the implementation of the SDS-SEA: from activities related to ICM development and implementation and scaling up, capacity-building efforts, twinning arrangements, public-private partnerships and promotion of corporate social responsibility, and development of tools and mechanisms for monitoring and standardization of good practices, to laying out the plans for PEMSEA's transformation and sustainability.

The PEMSEA Resource Facility will continue to coordinate with all Partners and concerned entities/sectors to operationalize and institutionalize actions that would bring into full play the role of each partner and stakeholder within the framework of the SDS-SEA and to engage all Partners in the undertakings related to the transformation of PEMSEA.

I wish to thank the Executive Committee chairs, Dr. Chua Thia-Eng, Mr. Hiroshi Terashima and Dr. Li Haiqing for their continued guidance, as we welcome Ambassador Mary Seet-Cheng, Undersecretary Analiza Rebuelta-Teh and Dr. Chul-Hwan Koh as the first co-chairs of the East Asian Seas Partnership Council.

On behalf of the officers and staff of PEMSEA, I wish to reiterate our appreciation to our Country and Non-Country Partners, our sponsoring organizations GEF, UNDP and World Bank, and our collaborators and supporters for extending valuable assistance in various forms to the PRF. Reflecting the essence of a true partnership, PEMSEA's accomplishments are yours and your own achievements form part of this 'Partnerships in Action' which is reflected in the PEMSEA Accomplishment Report 2010 to 2011.

On the other hand, PEMSEA would not have been able to deliver its share in our Partnership without the able and dedicated Officers and Staff of the PEMSEA Resource Facility with whom I have had the privilege of working for the last three years. With them, we are seeking to re-engineer the PRF, that our collective work will enrich the regional pool of human resources and experience for the sustainable development of our ocean that is our life and our future.

A handwritten signature in black ink, reading 'R. P. Lotilla'.

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



## Message

The achievements reached by PEMSEA and its partners not only take us closer to our goal of sustainable development for the seas of the region, but also take with it with even bigger challenges, making the task of forming meaningful partnerships ever more paramount. PEMSEA's accomplishments from 2010 to 2011 highlight key activities and collaborative undertakings by PEMSEA in support of the SDS-SEA implementation, as well as some of the work already being undertaken to further strengthen PEMSEA's partnership arrangement and to ensure successful achievement of targets.

I would like to congratulate the Secretariat under the leadership of Prof. Raphael P.M. Lotilla for producing an impressive PEMSEA Accomplishment Report for 2010-2011, which chronicles the organization's significant achievements during the past year. These efforts are built upon our long experience since the organization's founding in 1994, and continues PEMSEA's steady march towards its goal of sustainable development of the seas in the region.

One significant achievement is PEMSEA's transformation from a project to an international organization through the recognition of its legal personality in 2009. Few organizations have been able to do this, and it took PEMSEA 18 years to arrive at the place where it is now. The task at hand involves transforming PEMSEA into a full-fledged international organization able to respond to new challenges. Part of this task is the development of a roadmap to ensure the smooth and clear implementation of the SDS-SEA.

This report presents a significant number of accomplishments over these past two years, including improvements in various activities with the local governments, as well as the conduct of the annual PEMSEA Network of Local Governments Forum and Regional Twinning Workshops on integrated river basin and coastal area management. I would like to take this opportunity to acknowledge the efforts of the PEMSEA Country and Non-Country Partners, the members of the Executive Committee, PEMSEA's sponsoring agencies, the various collaborators, and the PEMSEA Resource Facility.

Countries of the East Asian Seas region have recognized the value of their shared coasts and oceans and are committed to enhancing the socioeconomic status of the people of the region while sustaining the ecosystem services through the implementation of the SDS-SEA. The East Asian Seas (EAS) Congress 2012 and the Fourth Ministerial Forum in Changwon City, Republic of Korea in July 2012, will highlight the theme, "Building a Blue Economy: Strategy, Partnerships and Opportunities in the Seas of East Asia." This theme will focus on the progress and achievements that have been made from the local to the international level, both within and outside the region, as well as new opportunities in developing a sustainable ocean economy in the region. We look forward to seeing you there.

  
Dr. Chua Thia-Eng  
Chair  
EAS Partnership Council



Representatives of PEMSEA Country and Non-Country Partners as well as sponsoring organizations participated in the 7th Expanded Executive Committee Meeting in Manila, Philippines (October 2010).

## PEMSEA and the SDS-SEA: A Strategic Platform for Sustainable Development of the LMEs and Coasts of the EAS Region

The EAS Stocktaking Meeting held in ADB, Manila, Philippines on October 28-29, 2010, highlighted:

- The elements of a programmatic approach to achieving a critical mass of experience, skills and capacity of sustainable development of the LME's and coasts of the region;
- The need for a continuing strategic partnership with GEF; and
- PEMSEA and the SDS-SEA provide the regional governance mechanism framework and scope for integrated collaborative planning and implementation as well as for promotion of ICM and associated good practices.

## Working Towards PEMSEA's Transformation

- **Development of PEMSEA's Rule of Governance**

Policy guidelines aimed at complying with internationally accepted management and operations quality and standards.





Conduct of National Interagency consultative Workshop on the 5-Year SDS-SEA Implementation Plan for the Philippines.



Consultative meeting on the admission of Cambodia in the *Les Plus Belles Baies Du Monde* (The Most Beautiful Bays in the World).

- Broadening of involvement in PEMSEA's Executive Committee**

The Executive Committee was expanded to include three Co-Chairs, who were elected at the 4th EAS Partnership Council Meeting.

- Interagency meetings/consultations for the finalization of the Headquarters Agreement**

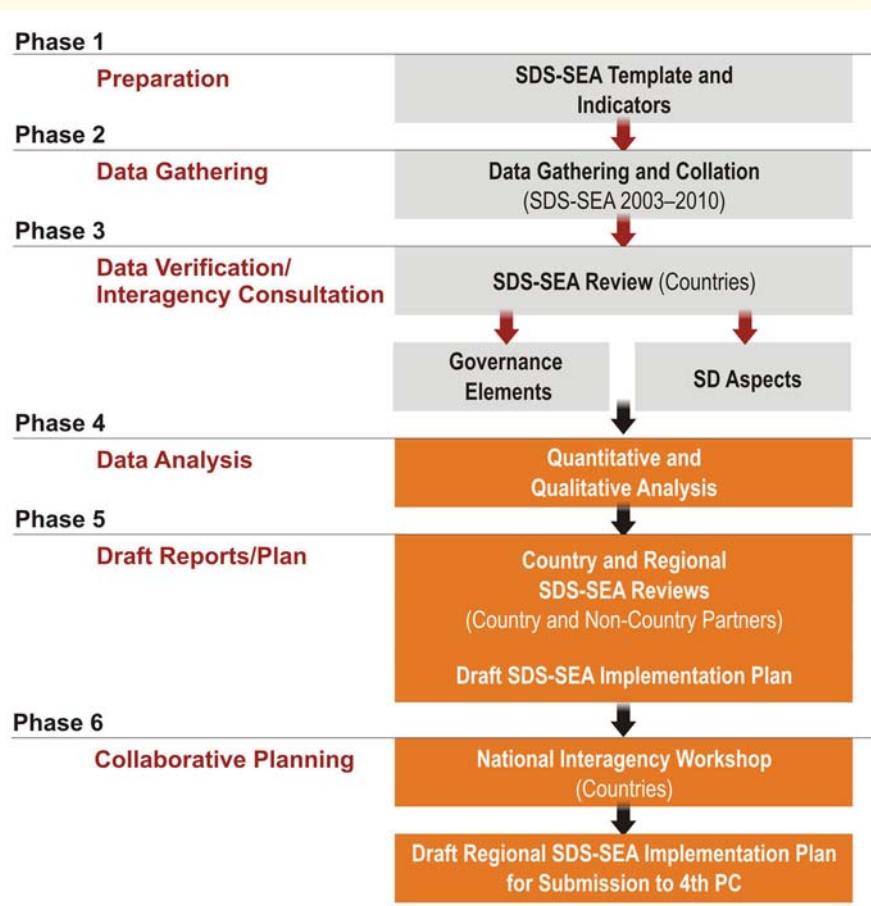
Since July 2010, several interagency meetings and consultations were organized by the Department of Environment and Natural Resources of the Philippines to review and finalize the PEMSEA Headquarters Agreement with the Government of the Philippines.

- Development of PEMSEA Transformation Plans on the PRF Re-engineering, PEMSEA Financial Sustainability, PEMSEA Communication and Advocacy, and the 5-Year SDS-SEA Implementation Plan**

PEMSEA Transformation Plans were developed and underwent review by the Executive Committee and the Technical Working Groups. The draft Plans were submitted to the 4th EAS Partnership Council Meeting for adoption.

## Strengthening Joint Planning and Implementation for the SDS-SEA

A series of consultations were undertaken with Country and Non-Country Partners for the development of the 5-Year SDS-SEA Implementation Plan.





Leadership Forum on Sustainable Development of Coastal and Marine Areas conducted in Nha Trang, Vietnam.

Beach zoning in Occheauteal was done to regulate infrastructures and tourist activities, ensuring a sustainable use of the beach area.

### Status of SDS-SEA Consultations

SDS-SEA Consultations	Status to date
Consultations on SDS-SEA conducted	<ul style="list-style-type: none"> <li>• Cambodia;</li> <li>• Indonesia;</li> <li>• Lao PDR;</li> <li>• Philippines;</li> <li>• Thailand;</li> <li>• Timor-Leste</li> <li>• Vietnam</li> </ul>
Draft National SDS-SEA 5-Year Plans developed	<ul style="list-style-type: none"> <li>• Cambodia</li> <li>• Lao PDR</li> <li>• Philippines</li> <li>• Thailand</li> <li>• Vietnam</li> </ul>

## SDS-SEA Implementation

### Country and ICM Site Activities

#### Cambodia

##### Sihanoukville

- Prepared a draft 5-year Sustainable Development Plan for Preah Sihanouk Province
- Recognized by Paris-based *Les Plus Belles Baies Du Monde* (The Most Beautiful Bays in the World) at the 7th General Assembly in Toubacouta, Republic of Senegal on May 26, 2011

- Initiated development of the draft master plan for tourism in Otress Beach in collaboration with the Ministry of Tourism
- Conducted a biodiversity study in Kampong Smach in collaboration with the Fishery Administrative Cantonment to map out the 3,300-ha proposed Protected Area
- Completed a survey to determine existing condition of coral reefs and other marine and aquatic resources in a proposed eco-tourism area at Pouy Tamong

### Country Initiatives/Activities

National leadership forums conducted	<ul style="list-style-type: none"> <li>• Leadership Forum on Sustainable Development of Coastal and Marine Areas conducted in Indonesia on 20-21 December 2010               <ul style="list-style-type: none"> <li>- Integration of various ICM initiatives and scaling up to other areas</li> <li>- Adoption of Jakarta Bay Coastal Strategy by the provinces of Jakarta, Banten and West Java</li> <li>- Signing of agreement between MOE and Jakarta Province for the establishment of an ICM demonstration site focusing on pollution reduction in North Jakarta</li> <li>- Confirmed commitment to implement the Tomini Bay Coastal Strategy</li> </ul> </li> <li>• Leadership Forum on Sustainable Development of Coastal and Marine Areas conducted in Nha Trang, Vietnam on 7-8 June 2011 during the celebration of the Vietnam Seas and Islands Week               <ul style="list-style-type: none"> <li>- 5-year framework program for ICM scaling up</li> <li>- Initiation of ICM programs in 7 coastal provinces</li> <li>- Institutional arrangements for ICM development</li> <li>- Capacity-development program to support ICM scaling up</li> </ul> </li> </ul>
Development of national policies	<ul style="list-style-type: none"> <li>• Lao PDR National Water Policy: Regional and National Workshops conducted to disseminate the policy and promote the inclusion of the action plans to provincial plans</li> <li>• Timor-Leste National Marine and Coastal Policy Inception Workshop</li> <li>• China's 12th Five-Year Plan emphasizes the integration and coordination for the purpose of sustainable marine development</li> <li>• Philippine Development Plan 2011-2016 prioritizes the protection and management of coastal and marine resources through ICM</li> </ul>



Beilun Estuary Marine Nature Reserve in Fangchenggang City, PR China.



Island-wide Coastal Clean Up to Celebrate the 52nd Anniversary of Bali Province, 27 August 2010.

- Conducted climate change vulnerability assessment in Sangkat 1, 2, 3 and 4 to determine effects of climate change on poorest communities
- Implemented public awareness campaigns on climate change with concerned agencies, local government units, academe, and NGOs
- Developed a proposal on climate change adaptation that was approved by the Cambodian Climate Change Alliance
- Sihanoukville State of the Coasts (SOC) Report developed; being refined

### China

#### Xiamen City

- Finalized a case study on integrated and upgraded management of disaster risks
- Developed the Strategic Action Plan for Ecosystem-based Management in Jiulong River-Basin and Xiamen Bay through cooperation and consultation among three cities and Fujian Province
- Upgraded marine protected areas and recently evaluated as “excellent” by SOA.
- Undertook rehabilitation and development of uninhabited islands for optimal use and protection

#### Dongying City

- Prepared a local 12th Five-Year Plan in support of the Yellow River Delta ecological economy zone, Shandong

- Peninsula Blue Economy, and the national 12th Five-Year Plan
- Organized an ICM coordinating committee including designation of an ICM office within the Oceans and Fisheries Bureau
- Prepared State of the Coasts Report (SOC) and ICM plan
- Invested in pollution reduction facilities in Guangli River from urban domestic, industrial and agricultural sources

#### Quanzhou City

- Initiated sea-area zoning and pollution reduction projects
- Built a building to serve as an ICM Center.
- Implemented special integrated water plan, consolidated industrial waste treatment, consolidated many small-scale coal-powered plants into a single clean technology power plant, downstream support of upstream pollution reduction, and other efforts, resulting in increasing proportion of seawater area meeting target water quality use standards

#### Fangchenggang City

- Drafted an SOC
- Commissioned a total pollution load study
- Managed mangrove nature reserve together with local community

#### Luan River

- Established a coordinating mechanism involving the Environmental Protection

- Bureau, the Water Resources Bureau, and the Development and Reform Commission at the provincial and city levels for the Luan River IRBCAM

### Indonesia

#### Bali

- Prepared a report on Strategic Environmental Assessment for Sustainable Water Resources Management in Bali Province
- Drafted a design for an eco-village in Serangan Island in consultation with stakeholders
- Coordinated island-wide coastal clean up conducted on August 2010

### Thailand

#### Chonburi

- Hosted the PNLG Forum 2010
- Developed and adopted a local oil spill contingency plan
- Scaled up ICM coverage from 26 to 99 local government units, covering the entire province
- Prepared an ICM Action Plan for 2011-2013 for 99 local government members, for integration into municipal and provincial development plans
- Approved ICM Learning Network within Burapha University



PNLG Forum 2010 held in Chonburi, Thailand.



Inter-agency Consultation for the Development of 5-year SDS-SEA Implementation Plan for Timor-Leste, 13 May 2011.

- New SGP Project approved and initiated (under the SGP-PEMSEA Communiqué)

### Lao PDR

#### Sedone Integrated River Basin Management Project

- Draft Sedone Strategy prepared, implementation initiated on waste management covering 12 priority villages or a total of 3,591 households in the three provinces: Saravanne; Champasak and Sekong
- Three on-site capacity development on establishment of solid waste management system conducted and facilitated by the Regional Task Force members from Cambodia
- Project Steering Committee established as an interim coordinating body among the three provinces

### Timor-Leste

- Implemented seaweed cultivation project for communities in the Districts of Manatuto and Liquica
- Established integrated coordination and management mechanism for PEMSEA, CTI and ATSEA projects within the Ministry of Agriculture and Fisheries

### Philippines

#### Guimaras

- Completed SOC baseline report covering the period 2005-2009
- Implemented KOICA Project on Strengthening Disaster Preparedness, Response and Risk Management in Guimaras in coordination with Korea Maritime Institute
- Drafted Guimaras Coastal Strategy and Coastal Strategy Implementation Plan
- Implemented special projects on post-oil spill monitoring
  - Beach ecology (effects of oil spill on shore molluscs and crustacean assemblages);
  - Ecotoxicology (bioavailability of crude oil residues);
  - Assessment of hydrocarbon residues in mangrove and seagrass beds sediments;
  - Assessment of mangroves and seagrasses (impacts along the oil-exposure gradient);
  - Assessment of marine wildlife and fisheries, and
  - Assessment of the recovery of various socioeconomic sectors from the oil spill incident.
- Conducted scientific studies to determine the trends and possible causes of coastal erosion as well as the carrying capacity of the watershed
- SGP Project approved and initiated (under the SGP-PEMSEA Communiqué)

### Bataan

- Initiated the transformation of the Project Coordinating Committee (PCC) into Sustainable Development Council
- Drafted a local oil spill contingency plan in coordination with the Philippine Coast Guard

### Batangas

- Issued Executive Order 2011-02 adopting and incorporating marine law enforcement strategies into the ICM Plan of the Province of Batangas, Series of 2007, and creating the Batangas Environmental Response Team for coastal, marine and inland waters environmental protection

### Ilocos

- Approved Regional Development Council Execom 1 Resolution No. 3, series of 2011, upscaling of the Coastal Resources Management Program in the Ilocos Coast (CRMP-Ilocos Coast) to an integrated coastal management (ICM) program

### Bulacan and Pampanga

- Conducted briefings of local government executives and stakeholders on ICM as part of ICM scaling up for Manila Bay
- Drafted resolutions adopting and implementing ICM by the respective Provincial Development Councils

# Partnerships in Action

## PEMSEA Accomplishment Report 2010–2011



SOC presentation in Guimaras, Philippines.



Awareness raising on environmental protection in Thua Thien Hue, Vietnam.

### Vietnam

#### Danang

- Completed Danang State of the Coasts report covering the period 1997-2009 completed (in Vietnamese)
- Implemented the Green-Clean-Beautiful Sunday program as part of the Environmental City Initiative to build public awareness and participation
- Mobilized the Farmer's Association to establish a demonstration site for sustainable community at Tho Quang commune
- Mobilized the Fisherman's Association

- of Tho Quang commune for public awareness activities on fisheries and marine protected area management
- Collaborated with Danang Department of Training and Education to organize a competition for 20 High Schools in Danang on coastal and marine environmental protection and management
- Initiated a proposal to the national government for the transformation and institutionalization of ICM in Danang
- Facilitated a study tour site for other coastal provinces in Vietnam that are in the process of developing ICM programs

#### Thua Thien-Hue

- Established eight protected areas for important aquatic species at Tam Giang-Cau Hai Lagoon
- Initiated the development of a coastal use zoning plan in collaboration with the Institute of Environmental Technology of Vietnam Academy of Science and Technology, integrating the master plans for the economic zone, industrial zone, tourist and urban areas
- Approved Decision No.1980/QĐ-UBND on the establishment of the Provincial Agency for Seas, Islands and Lagoon, which is responsible for ICM implementation

### Non-Country Partner Activities

Partner	Initiative/Activity 2010 – 2011
ASEAN Centre for Biodiversity (ACB)	<p><b>July 2010-June 2011</b></p> <ul style="list-style-type: none"> <li>• Workshop on Enhancing the Quality of Protected Area Data: Developing and Field Testing an Expert Review Process to Improve Data in the World Database on Protected Areas in Asia (WDPA Asia Project, August 2010, Los Baños, Philippines)</li> <li>• Launched the Biodiversity and Climate Change Project in cooperation with GIZ and the Federal Republic of Germany (September 2010)</li> <li>• Launched the ASEAN Biodiversity Outlook during the 10<sup>th</sup> Conference of Parties to the Convention on Biological Diversity (October 2010, Nagoya, Japan)</li> <li>• Training on Corals Taxonomy in collaboration with the East and Southeast Asia Biodiversity Information Initiative (ESABII) of Japan and University Sains Malaysia, supported by the Japan-ASEAN Integration Fund (4-8 December 2010, Penang, Malaysia)</li> </ul>

Partner	Initiative/Activity 2010 – 2011
ACB (con't.)	<ul style="list-style-type: none"> <li>• Seminar on ASEAN Species and Protected Area Database Interfaces with the Philippine Council for Aquatic and Marine Research and Development (10 March 2011, Los Baños, Philippines)</li> <li>• Corals Taxonomy Internship Programme in collaboration with the Phuket Marine Biological Center and the Government of Thailand, supported by the Japan-ASEAN Integration Fund (31 May – 30 June 2011, Phuket, Thailand)</li> <li>• Launched the United Nations Decade on Biodiversity for the ASEAN region (30 May 2011, Manila, Philippines)</li> <li>• Awarding Ceremony of the inaugural ASEAN Champions of Biodiversity, a recognition program for ongoing projects on biodiversity conservation and advocacy in ASEAN (31 May 2011, Manila, Philippines)</li> <li>• Capacity Building and Orientation Meeting/Workshop of ASEAN's GTI National Focal Points on Species and Protected Area Database Interfaces in collaboration with the Secretariat of the Convention on Biological Diversity, supported by the Japan-ASEAN Integration Fund (22 June 2011, Manila, Philippines)</li> </ul>
International EMECS Center	<ul style="list-style-type: none"> <li>• EMECS9 International Conference on the Environmental Management of Enclosed Coastal Seas “Ensuring Accountability and Effective Communication for Successful Integrated Management of Enclosed Seas” being organized</li> <li>• EMECS International Seminar on “Challenges and approaches toward the implementation of the World Coastal Integrated Management” (Kobe, Japan, July 2010)</li> <li>• Three-year programme on “Capacity Building of Biodiversity Research in Coastal Zones of the Asia Pacific Region:Phycology Taxonomy Analysis Training using Genetic Markers, in partnership with Kobe University Research Center (July 2010)</li> <li>• EMECS International Forum on “Sato Umi and Biodiversity,” featured case studies from Japan, Philippines and Thailand (February 2010)</li> <li>• “The Integrated Water Management of Coastal Seas/Bays and Catchment Areas” training, supported by JICA (September 5 to October 30, 2010)</li> </ul>
International Ocean Institute (IOI)	<p><b>IOI Headquarters</b></p> <ul style="list-style-type: none"> <li>• Launched the World Ocean Review, a product of IOI's partnership with several eminent institutions and scientists to provide the first independent and comprehensive review of health and services of the ocean parallel to the IPCC report</li> <li>• Launched the Volume 16: Sharing Innovative Experiences: Example of Successful Experiences in Coastal Community Development, Special Unit for South-South Cooperation, United Nations Development Programme</li> <li>• Launched the Ocean Yearbook Volume 25 with Dalhousie University Law School</li> <li>• Organized the <i>Pacem in Maribus</i> XXXIII in Beijing, China in September 2010, focusing on “Oceans, Climate Change and Sustainable Development: Challenges to Oceans and Coastal Cities”</li> <li>• Publication of the IOI Children Album of Artworks: Thai Seas and Global Warming: Narrative School Children's Artworks</li> </ul>
Korean Environment Institute (KEI)	<p>Undertaken and completed the following research:</p> <ul style="list-style-type: none"> <li>• Policies for Sustainable Carbon Absorption in Land and Sea for Climate Change Adaptation</li> <li>• Determination Measures according to Survey Station of Marine Organisms based by Impact Prediction of Environment Assessment in Coastal Development Projects</li> <li>• Environmental Assessment of Ocean Energy and Environmentally Friendly Land Utilization</li> <li>• Long-term Impact Assessment of Oil Spill and its Policy Implications</li> <li>• Methods for Improving Assessment Techniques for Sea Pollution</li> <li>• Detailed Analysis and Predictions of Sea Level Changes</li> <li>• Socioeconomic Impact Assessment of the Rising Sea Levels in Korea</li> <li>• Policy Implications from the Vulnerability Analysis of Rising Sea Levels</li> </ul>
Korea Maritime Institute (KMI)	<ul style="list-style-type: none"> <li>• Development of the 5-Year National Plans for Shipping Industry in RO Korea; Plan for 2010-2015</li> <li>• Assistance to Indonesia in preparing policies and responses for the protection of the coastline from climate change</li> <li>• Conducted research projects including a study on disaster prevention in the coastal areas of the Philippines and better risk management capability, and seaborne transportation and logistics development in ASEAN</li> <li>• Launch of the Marine Cluster Organization Council</li> <li>• Seminar on Joint Entrance to Overseas Markets with Shipping and Logistics Companies</li> <li>• KMI Ocean Academy 1st high level course</li> <li>• 11<sup>th</sup> Director General Meeting of Northeast Asia Port and Port Symposium</li> </ul>



Partner	Initiative/Activity 2010 – 2011
<b>Korea Ocean Research and Development Institute (KORDI)</b>	<ul style="list-style-type: none"> <li>• Launched the “Cheollian”, the first geostationary satellite in the world</li> <li>• KORDI laboratory established within the US NOAA</li> <li>• 2010 Tropical ocean experience program conducted (August 2010)</li> <li>• Competence reinforcement workshop of the East Asian region in KORDI-IOC world maritime environment evaluation conducted (October 2010)</li> <li>• Recipient of 2010 Grand Prix of the ROK Communication for KORDI’s magazine “SEE the SEA” (December 2010)</li> <li>• Entered into various collaborative agreements, including the following:               <ul style="list-style-type: none"> <li>- Research agreement on research education with China Maritime University</li> <li>- Cooperative partnership with Plymouth Marine Laboratory, National Oceanography Center UK, French Research Institute for the Exploitation of the Sea</li> </ul> </li> </ul>
<b>Northwest Pacific Action Plan (NOWPAP)</b>	<ul style="list-style-type: none"> <li>• Third Joint NOWPAP Oil Spill Response Exercise conducted back-to-back with Forum on Sakhalin oil and gas projects (Wakkanai, Japan, September 2010)</li> <li>• NOWPAP International Coastal Cleanup Campaign and Workshop on Marine Litter (Jeju, RO Korea, October 2010)</li> <li>• Marine Biodiversity Forum in the Northwest Pacific Region held in conjunction with the 10th Conference of the Parties to the Convention on Biological Diversity (Toyama, Japan, October 2010)</li> <li>• NOWPAP contributed to the UNEP 2011 Yearbook (on plastics pollution as an emerging issue, February 2011)</li> <li>• NOWPAP-originated project to investigate impacts of global warming on coastal and marine ecosystems in the Northwest Pacific received funding from the Asia-Pacific Network for Global Change Research (April 2011)</li> <li>• Russian Government issued Regulation No. 904-r (26 May 2011) on annual contributions to the NOWPAP Trust Fund, ensuring its financial sustainability</li> <li>• NOWPAP Medium-Term Strategy being developed, covering ICM, regular assessments, pollution prevention, biodiversity conservation, climate change and other issues (to be presented to the 16th Intergovernmental Meeting in December 2011)</li> </ul>
<b>Ocean Policy Research Foundation (OPRF)</b>	<ul style="list-style-type: none"> <li>• Introduced the experiences on the establishment of the Basic Act on Ocean Policy and the Basic Plan on Ocean Policy as examples of the materialization of the laws such as UNCLOS and the policy, e.g., Agenda 21 at the various international ocean conferences including the <i>Pacem in Maribus</i> XXXIII (Beijing, September 2010)</li> <li>• Co-organized the Oceans Day at Nagoya with the CBD Secretariat, GEF and Global Forum on Oceans, Coasts, and Islands and developed the Nagoya Oceans Statement during the CBD/COP10 in October, 2010.</li> <li>• Conducted researches on the conservation of islands, climate change adaptation of islands, and the management of their surrounding oceans in cooperation with the Australian National Centre for Ocean Resources and Security (ANCORS) and Secretariat of the Pacific Community-Pacific Islands Applied Geoscience and Technology Division (SOPAC).</li> <li>• Promotion of ICM in Japan               <ol style="list-style-type: none"> <li>(i) Initiated discussion on the legislation to promote ICM in Japan through establishing a committee composed of the academe.</li> <li>(ii) Initiated support for the initiatives of the local governments on ICM, such as development of the plan, to promote ICM at the local level.</li> <li>(iii) Established a committee to initiate the development of a draft model curriculum on ICM with the discussion on the interdisciplinary way of teaching ICM at the universities.</li> </ol> </li> <li>• Developed a draft model on the act for the comprehensive management to realize the development, use and conservation of the Exclusive Economic Zone and the Continental Shelf and requested the Government to take necessary actions.</li> <li>• The Follow-up Committee on the Basic Act on Ocean Policy, composed of the politicians and the academe with OPRF as the secretariat, developed a proposal entitled Urgent Proposal for the Recovery from the East Japan Earthquake from the Standpoint of the Oceanic State and submitted it to the Head of the headquarters for Ocean Policy, i.e., the Prime Minister of Japan.</li> </ul>
<b>PEMSEA Network of Local Governments for Sustainable Coastal Development (PNLG)</b>	<ul style="list-style-type: none"> <li>• 2010 PNLG Forum conducted in October 2010 and hosted by the Chonburi Provincial Government</li> <li>• Internship program of one PNLG Secretariat staff completed</li> <li>• Second and Third Executive Committee Meeting of PNLG conducted</li> <li>• Draft PNLG Secretariat operating guidelines prepared</li> <li>• Draft PNLG Strategic Action Plan presented at the 2010 PNLG General Assembly; workplan and timetable for review and finalization of PNLG SAP adopted</li> <li>• PNLG workshop on Integrated River Basin and Coastal Area Management conducted during 2010 XWOW</li> </ul>

Partner	Initiative/Activity 2010 – 2011
<p><b>Oil Spill Response</b></p>	<ul style="list-style-type: none"> <li>• Signed the Memorandum of Understanding (MOU) with PT Slickbar, Indonesia's leading manufacturer of oil spill combating equipment, in a joint effort to improve overall capability in preparing for and responding to oil spills in Indonesia</li> <li>• Regional Industry Technical Advisory Group (RITAG) inception meeting held in Singapore in September 2010 followed by the Memorandum of Understanding (MOU) signing ceremony in Beijing in December 2010, to promote greater engagement and cooperation between oil spill response organizations in the East Asia region</li> <li>• Oil Spill Response's involvement in the incident response to a tanker collision close to the coastline of Singapore and Malaysia</li> <li>• Oil Spill Response's involvement in the incident response to a container ship collision which occurred of Mumbai, India</li> <li>• Oil Spill Response's involvement in an offshore pipeline spill in Malaysia</li> <li>• 2010 PNLG Forum, a forum in exchanging information among its local government members from nine countries across the Asia region (Chonburi, Thailand, 21-24 November 2010)</li> <li>• Technical forums held in Ho Chi Minh, Jakarta and Singapore focusing on the challenges for response readiness in the oil industry (July 2010 – June 2011)</li> </ul>
<p><b>Plymouth Marine Laboratory (PML)</b></p>	<p><b>Projects:</b></p> <ul style="list-style-type: none"> <li>• Monitoring and Forecasting Management System for Southern China, supported by Chinese Government</li> <li>• Post-doc exchange starting in June 2011, focusing on applying the PML's ecosystem modeling to the YSLME, sponsored by YSLME</li> <li>• Pogo12 Annual Meeting (Seoul, South Korea, January 2011)</li> <li>• Supported through the UK NCEO programme PML is working on data from the new Korean geostationary satellite with KORDI. Further developments are looking to include a joint workshop or training with three short trips from the UK to Korea and one extended trip for a young Korean scientist to spend time in PML.</li> <li>• Global Partnership Fund (GPF), RO Korea, focused on biogeochemistry/ocean acidification, Earth sustained observations and biotechnology.</li> <li>• Environmental Change Impacts on Global Fisheries (NERC QUEST) – Earth System Processes and Prediction) Quest-Fish, to elucidate how climate change will affect the potential production for global fisheries resources in the future and to estimate the added vulnerability of these effects on national and regional economies in fishery-dependent areas and on specific elements of the fishery system at different scales. (2007-2010)</li> <li>• A KORDI–PML implementation agreement signed in April 2011, leading to the establishment of a KORDI-PML Science Office (KPSO) in Plymouth</li> <li>• Beyond science – A 12-minute film has been developed by PML and commissioned by the Natural Environment Research Council (NERC), focusing on “Ocean acidification: Connecting science, industry, policy and public.” PML is reviewing the possibility of a translation into Korean with KORDI (<a href="http://www.youtube.com/user/PMLAdministrator">www.youtube.com/user/PMLAdministrator</a>).</li> </ul>
<p><b>Swedish Environmental Secretariat for Asia (SENSA)</b></p>	<ul style="list-style-type: none"> <li>• Working with various other agencies and with 13 Asian countries on the Regional Climate Change Adaptation Knowledge Platform for Asia. In October 2010, SENSA was part of the Asia Pacific Climate Change Adaptation Forum 2010 focusing on mainstreaming adaptation into development planning.</li> <li>• Provided co-financing for the conduct of the PEMSEA ICM Training in DPR Korea and translation of ICM Manual Course 1 into Korean language</li> <li>• Provided co-financing for the conduct of PEMSEA Regional ICM Training of Trainers in Danang, Vietnam</li> <li>• Provided co-financing in the printing of the special issue of <i>Tropical Coasts</i> magazine</li> </ul>
<p><b>UNDP/GEF Yellow Sea Project</b></p>	<ul style="list-style-type: none"> <li>• Finalization of the Project Identification Form and the Project Document for the implementation of the SAP. The proposal for YSLME II with the total budget of US\$ 9.5 million from GEF and the total cofinancing budget of US\$ 2.5 billion mainly from the participating countries was submitted to GEF.</li> <li>• Strategic Action Programme (SAP) demonstration activities finalized, a total of 21 demonstration activities were successfully completed</li> <li>• Findings of co-operative cruises summarized providing significant scientific knowledge covering the entire basin of the Yellow Sea.</li> <li>• Summary book preparation initiated to summarize the activities implemented during the YSLME Project's first phase.</li> <li>• First annual meeting of MPA Network organized to strengthen the co-operation among participating MPAs</li> </ul>





Partner	Initiative/Activity 2010 – 2011
<b>UNDP/GEF (con't.)</b>	<ul style="list-style-type: none"> <li>• Joint efforts initiated with the local government, NGO, and the private sector in conserving biological diversity, including the Liaoning provincial government of China and WWF/YSESP. The provincial government and Panasonic, a multi-national corporation producing consumer electronics, individually provided one million Chinese yuan in support of the project.</li> <li>• “International Symposium on Marine Ecosystem Assessment: Systematic Design and Requirements”</li> <li>• “YSLME Regional Workshop on Regional Network for Ecosystem Monitoring and Assessment”.</li> <li>• Fund-raising workshop organized to build and strengthen national capacity of implementing conservation activities in a financially sustainable manner.</li> <li>• “Workshop on mainstreaming economic considerations in ecosystem conservation” organized</li> <li>• Model United Nations 2011 co-organized with Korea University for approximately 370 high-school and university students</li> <li>• Voluntary Internship Programme in co-operation with Stanford University, provided the student with hands-on experiences in implementing and contributing to the Project’s activities.</li> <li>• Project promotional video, “The Yellow Sea – A Sea of Co-operation, Peace, and Prosperity: Conservation Actions taken by UNDP/GEF YSLME Project,” released.</li> <li>• Regional database mirror site developed to further facilitate the effective use and management of data and information concerning the Yellow Sea.</li> </ul>
<b>UNDP-GEF Small Grants Programme (SGP)</b>	<ul style="list-style-type: none"> <li>• Several community-based projects focusing on climate change adaptation, food security, biodiversity, POPs, land degradation, and solid waste management currently being implemented in China, Indonesia, Malaysia, Philippines, Thailand and Vietnam.</li> <li>• Catalogue of biodiversity-based products from SGP’s Latin American and Caribbean portfolio demonstrating linkages between sustainable use of biodiversity, community empowerment and poverty reduction launched at the GEF/SGP event at the COP 10.</li> <li>• GEF SGP Programme in China launched.</li> <li>• SGP supported project “Environmental Sustainable Development” in Yingxi Village, Yanchi County, Ningxia Hui Autonomous Region won one of the awards at the 2010 Conservation and Environmental Grants in China by the Ford Motor Company.</li> </ul>
<b>UNESCO-IOC Regional Secretariat for WESTPAC</b>	<ul style="list-style-type: none"> <li>• Training Course on “Impact of Sedimentary Dynamics and Biogeochemistry on Coral Reefs”</li> <li>• Second IOC/WESTPAC Workshop on the Coral Reef under Climate and Anthropogenic Perturbations</li> <li>• First Summer School of IOC Sub-Commission for the Western Pacific (WESTPAC) on the Monsoon Onset Monitoring and its Social &amp; Ecosystem Impacts</li> <li>• Workshop on Rapid Assessment Survey of Marine Biodiversity and Non-Indigenous Species in the Western Pacific Region (I)</li> <li>• IOC/WESTPAC SEAGOOS Pilot Project Meeting on Ocean Forecasting Demonstration</li> <li>• Third IOC/WESTPAC Workshop on the Fluvial Sediment Supply to the South China Sea</li> <li>• Joint Cruise on the Response of Marine Hazards to Climate Change</li> <li>• IOC/WESTPAC-MOMSEI Joint Cruise</li> <li>• Workshop on Rapid Assessment Survey of Marine Biodiversity and Non-Indigenous Species in the Western Pacific Region (II)</li> <li>• Workshop on “Enhance the Awareness on Toxic Marine Organisms”</li> <li>• Expert Workshop on the Pilot Project of SEAGOOS on the Monsoon Onset Monitoring and its Social and Ecosystem Impacts</li> <li>• Training Course on Taxonomy and Ecology of Diatom Pseudo-nitzschia</li> <li>• Workshop on Coastal Marine Biodiversity and Conservation</li> <li>• Working Group Workshop on the Asian Dusts and its Impact on Ocean Ecosystems</li> <li>• Workshop on NEARGOOS</li> <li>• Workshop on Remote Sensing for Coastal Habitat Mapping</li> <li>• Training Course on “Water Quality and its Impact on Coral Reefs”</li> <li>• Training Course on Ocean Models</li> </ul>

**Note:** Information based on Non-Country Partners’ submission.

## Enabling Capacities

### The PEMSEA Learning Center: Enabling Capacities

With the objective of broadening the base not only of ICM managers, implementers and advocates but of ICM enablers as well, the year (July 2010-June 2010) has seen progress in the region in achieving this objective. Through PEMSEA's program and strategies for capacity development, PEMSEA has:

- Initiated development of three (3) new training courses/manuals, focusing on coastal use zoning and zone management.
- Translated the ICM Course 1 manual into two languages.
- Trained 668 individuals from 12 countries through the conduct of ICM and specialized training courses.
- Strengthened ICM knowledge and capacities of five (5) individuals from China, DPR Korea and Vietnam through the Internship and Fellowship Program.
- Established one (1) new ICM Learning Center in the Philippines and renewed partnerships with four (4) ICM Learning Centers.
- Mobilized 97 Regional and National Task Force members and other partners to assist partner countries and sites in capacity-building and SDS-SEA implementation.
- Helped in the conduct of five (5) study tours to support learning of partners from Cambodia, DPR Korea, Philippines, Vietnam.



Participants of the Regional ICM Training of Trainers (TOT) Course listens to Dr. Chua Thia-Eng's presentation (Xiamen, China, October 2010).

### Training Courses/Manuals Developed

Title	Description	Status to date
<b>Coastal Land and Sea Use Zoning</b>	This course provides an overview of zoning concepts, principles and processes and provides guidance in designating zones. The course also outlines important elements and supporting mechanisms necessary for the implementation of a zoning plan.	On its 2nd draft; externally reviewed by 2 reviewers; in the process of further refinement for testing in December 2011.
<b>Tourism Zone Development and Management</b>	This course focuses on the development, implementation and enforcement of tourism management zone regulations, as identified in an Integrated Land and Sea Use Zoning Plan of an area.	Refined draft manual after being field-tested in November 2010 in Cambodia; for further review.
<b>Habitat Zone Development and Management</b>	This training course focuses on developing the regulations required to preserve, conserve and rehabilitate natural ecosystems within the context of coastal use zoning	For field-testing in August 2011.
<b>ICM Course 1 : Understanding Integrated Coastal Management</b>	Introduces and discusses the philosophy, concept, guidelines, framework and processes of ICM and presents it as a better management alternative for the sustainable development of coastal areas.  The course also provides a quick assessment guide for the requirements and preparatory processes needed for developing an ICM program through an orientation on the State of the Coasts Reporting tool and the ICM Code of Good Practice. A workplanning session allows participants to identify next steps in preparing for the development of an ICM program in their respective areas.	Translated into two languages (Vietnamese and Korean).  The translated manuals were disseminated and used during the national ICM training in Vietnam and DPR Korea.



### ICM and Specialized Training Courses Conducted

Activity	Date / Venue	Countries Involved	Number of Participants	Number of Speakers and Presenters
<b>SOC Training for Indonesia</b>	August 16–19, 2010 Bogor, Indonesia	National: Indonesia, plus Timor-Leste	32	9
<b>ICM Orientation Workshop for NCR</b>	August 26–27, 2010 Tagaytay, Philippines	Local: NCR Philippines	38	5
<b>National ICM Training: Understanding Integrated Coastal Management</b>	August 30– September 3, 2010 Bali, Indonesia	Local, Bali plus Timor-Leste	26	7
<b>ICM Orientation Workshop for Region IVA - CALABARZON</b>	September 16–17, 2010 Tagaytay City, Cavite, Philippines	Local: Region IV-A, Philippines	136	7
<b>Financial Management Training for the Sedone Integrated Riverbasin Management Project, Lao PDR</b>	September 21–23, 2010 Champasack Province, Lao PDR	Local: Champasack, Sekong, Saravan	10	1
<b>SGP-PEMSEA Joint Communiqué Writeshop (Project Proposal Development Workshop)</b>	September 30– October 1, 2010 Pakse, Champasack Province, Lao PDR	National: Lao PDR	43	1
<b>ICM Orientation Workshop for Region 3, Philippines</b>	October 6–7, 2010 Clark, Pampanga, Philippines	Local: Region 3-Philippines	40	4
<b>Integrated Coastal Management (ICM) – Level 1 Training of Trainers Course</b>	October 10–14, 2010 Xiamen, China	Regional: Cambodia, China, Indonesia, Philippines, Thailand, and Vietnam	26	6
<b>Training on Tourism Zone Development and Management for Sihanoukville, Cambodia</b>	November 15–18, 2010 Sihanoukville, Cambodia	Local: Sihanoukville, Kampot, Kep, Koh Kong in Cambodia	38	7
<b>Sub-Regional Training-Workshop on Shoreline Assessment and Clean-up in Chonburi</b>	November 2010 Chonburi, Thailand	Cambodia, Thailand, Vietnam	18	2
<b>ICM (Level 1) Training of Trainers</b>	March 30–April 1, 2011 Pyongyang, DPR Korea	National – DPR Korea	26	4
<b>National ICM Training</b>	April 26–28, 2011 Haiphong, Vietnam	12 coastal provinces in Vietnam	72	7
<b>Regional Training Course on ICM</b>	May 10-13, 2011 Danang, Vietnam	Cambodia, China, Indonesia, Lao PDR, Malaysia, Philippines, Thailand, Vietnam	31	5
<b>Port Safety, Health and Environmental Management System (PSHEMS)</b>	May 16–20, 2011 Iloilo, Philippines	Port of Iloilo, Philippines	39	1
<b>6th Regional Twinning Workshop on IRBCAM Theme: Total Allowable Pollutant Load Allocation in River Basins and Coastal Areas of East Asia</b>	May 18-20, 2011 Dalian City, Liaoning, PR China	China, DPR Korea, Indonesia, Japan, Philippines, RO Korea	35	12
<b>Training Workshop: Preparation of State of the Coasts Report and Establishment of Integrated Information Management System</b>	9-14 June 2011 Danang City, Vietnam	7 coastal provinces in Vietnam (Quang Ninh, Haiphong, Nam Dinh, Khanh Hoa, Ba Ria Vung Tau, Soc Trang and Kien Giang) and the Vietnam Administration for Seas and Islands	22	2
<b>Twinning Workshop on Ecosystem Approaches to Managing Coastal and Marine Resources in Timor-Leste</b>	June 20–22, 2011 Dili, Timor Leste	Timor-Leste (conducted in collaboration with WS-CTI/ CTSF, NOAA, US Navy and MAF	36	3
<b>TOTAL</b>			<b>668</b>	<b>83</b>



PEMSEA interns visiting a mangrove reforestation site in Bataan, Philippines.



VASI Study Tour in Bataan, 2010.

### Internship and Fellowship Programmes Undertaken

Country	Interns	Organization/s	Field of Internship Study
China	2	Resource Environment and Protection Department of the Xiamen Ocean and Fisheries Bureau  State Oceanic Administration	<ul style="list-style-type: none"> <li>• ICM (Concepts, Principles, Process and the SDCA Framework) and program implementation and management</li> <li>• Case studies on good practices</li> <li>• Strategic plan for Jiulong Integrated River Basin and Coastal Area Management</li> <li>• PEMSEA Strategies, Tools and Approaches and activities in SDS-SEA Implementation</li> <li>• ICM Code and Recognition System</li> <li>• Regional Twinning Workshop, Leadership Forum and the PNLG</li> </ul>
DPR Korea	1	General Bureau for Cooperation with International Organizations, Ministry of Foreign Trade	<ul style="list-style-type: none"> <li>• Project development and management</li> <li>• Integrated coastal management</li> <li>• State of Coasts reporting</li> </ul>
Vietnam	2	Vietnam Administration of Seas and Islands (VASI)	<ul style="list-style-type: none"> <li>• ICM (SDCA framework and process, tools for ICM implementation)</li> <li>• Strategies and tools for capacity development and coastal planning and management</li> <li>• Strategies and tools for awareness-raising, stakeholder involvement and enjoining political support for ICM</li> <li>• ICM scaling up for Vietnam</li> <li>• ICM programme development, design and implementation</li> <li>• ICM programme reporting and M &amp; E</li> <li>• Negotiation for the development and implementation of the ICM programme</li> </ul>

### Study Tours Conducted

Group	Destination / Date	Objectives	Number of Participants
DPR Korea Officials	Xiamen, China July 22-24, 2010	To learn: <ul style="list-style-type: none"> <li>• Xiamen's ICM experience and success story</li> <li>• Jiulong River management</li> <li>• Coastal and Sea Use Zoning and its implementation</li> </ul>	4 from DPRK 2 from the PRF
Vietnam Administration of Seas and Islands (VASI) Delegation	Bataan, Cavite and Manila, Philippines 19-24 September 2010	To learn and exchange practical experiences on the role of coastal communities in managing the marine and coastal resources and environment.  To use the learning experiences gained from the study tour as bases for developing proposals on appropriate mechanisms and policies for community participation in Vietnam.	7
Macalajar Bay Development Alliance – Technical Working Group, Philippines	Quezon City and Bataan, Philippines February 20-26, 2011	To gain understanding on the concept, framework, processes and supporting tools and methodologies of ICM.  To contribute to the development of a 5-year framework program for national ICM scaling up and implementation of SDS-SEA (Sustainable Development Strategy for the Seas of East Asia) in the Philippines.  To learn and exchange practical experiences in ICM program development and implementation with Bataan Province.	24



### Study Tours Conducted (con't.)

Group	Destination / Date	Objectives	Number of Participants
Delegation from Sihanoukville, Cambodia	Bali, Indonesia April 3-7, 2011	To strengthen ICM implementation in Preah Sihanouk through a site visit and discussion of the process and results of ICM implementation in Bali, Indonesia.	14
University of the Philippines – Visayas Marine Affairs Class	PEMSEA Resource Facility (PRF) May 19, 2011	To enable the students to know and familiarize themselves with integrated coastal management developed and implemented by PEMSEA.  To locate economics and economic valuation in the framework of sustainable coastal management and to see how the various pieces – the regional program, the regional institution, the various learning sites like Batangas (specifically Batangas city, Mabini and Tingloy) and other aspects fit into the on-going regional program/ strategy for ICM.	4
Chonburi study tour to Japan • Shima City: Sato-umi concept, tidal flat restoration, seagrass rehabilitation, integrated river basin and coastal area management • Tokyo: waste management • Kobe: disaster management and contingency planning • Hokkaido Island: sustainable tourism development	Shima City; Tokyo; Kobe; Hokkaido island February 2011	PEMSEA and IOI facilitated the organization of the study tour of delegates from Chonburi to the following sites in Japan: • Shima City: Sato-umi concept, tidal flat restoration, seagrass rehabilitation, integrated river basin and coastal area management • Tokyo: waste management • Kobe: disaster management and contingency planning • Hokkaido Island: sustainable tourism development	No info
<b>TOTAL (6)</b>			55

## Advocacy

### Events Advocacy

#### PEMSEA Participation in Various Conferences and Workshops (July 2010 to June 2011)

The following are some of the major regional and international events participated in by PEMSEA:

- 12<sup>th</sup> LME Consultative Committee Meeting (July 8-9, 2010)
- International Marine and Environmental Policy Education Program, Seoul, RO Korea (June 27-July 2, 2010)
- Inception Workshop of the ATSEA Program and Steering Committee Meeting of the Arafura Timor Sea Experts Forum (ATSEF), Timor-Leste (July 10-17, 2010)
- Planning meeting related to the project “Global Foundations for Reducing Nutrient Enrichment and Oxygen Depletion from Land-based Pollution, in support of Global Nutrient Cycle,” Paris, France (August 24-28)

- ENVForum 2010 Conference: A Green Future: Asia and Europe Growing Sustainably, Munich, Germany (September 1- 3, 2010)
- *Pacem in Maribus* Conference (PIM) XXXIII, Beijing, China (September 1-5, 2010)
- World Water Week, Stockholm, Sweden (September 5-10, 2010)
- UNITAR Series on Sea and Human Security 2010 Session (September 5-8, 2010)
- World Ocean Forum, Busan, RO Korea (November 14-17, 2010)
- Workshop on Fostering Collaboration for Adaptation to Climate Change in East Asian Seas Region, Seoul, RO Korea (November 16-20, 2010)
- 6th International Advisory Committee and Stakeholders Advisory Committee Meeting, Hong Kong (January 6-7, 2011)
- International Symposium for EXPO 2012 Yeosu, Seoul RO Korea (April 4-8, 2011)
- GEF/UNDP Global Transboundary International Waters Governance Initiative special information exchange



**Conduct of ICM Training of Trainers (TOT) Course in DPR Korea in collaboration with the General Bureau of Cooperation with International Organizations (GBCIO), Ministry of Foreign Trade.**

- and training workshop, Stockholm, Sweden (May 6-10, 2011)
- International Conference for the commemoration of Y-1 Expo 2012 Yeosu Korea and 4<sup>th</sup> International Selection Committee Meeting, Seoul, RO Korea (May 11-15, 2011)
- COBSEA Regional Workshop on Climate Change, Sea Level Rise and Coastal Erosion and International Symposium on Sea



Coastal cleanup of the Las Piñas–Parañaque Critical Habitat and Ecotourism Area



PPP workshop in support of the Implementation of the Operational Plan for the Manila Bay Coastal Strategy



Training on PSHEMS system development and documentation of Port of Iloilo, Philippines.

Level Rise and Coastal Erosion, Bangkok, Thailand (25-29 April 2011)

**Policy Advocacy:  
Certifications and Recognitions**

**Port Safety, Health and Environment Management (PSHEM) Code and Implementation Guidelines**

The PSHEM Code and Implementation Guidelines was developed by PEMSEA with the objective to provide port authorities or any company operating within the port in the region with a voluntary standard against which to measure the performance of their operations with regard to quality, safety and health and sanitation of the environment.

The Code underwent expert review, as part of PEMSEA’s process for development and approval. The refined Code will be submitted to the EAS Partnership Council Meeting in July 2011, for approval.

Members of the PEMSEA Expert Group:

- International Association of Ports and Harbour (IAPH)
- ASEAN-GTZ Sustainable Port Development in the ASEAN Region
- Port Authority of Thailand

- Ministry of Transport Malaysia
- International Organization for Standardization (ISO)
- International Maritime Organization (IMO)
- International Cargo Handling Coordination Organization (ICHCA)

**State of the Coasts (SOC) Guidebook**

The Guidebook for the State of the Coasts (SOC) was developed by PEMSEA to facilitate and assist local governments in the implementation of the SOC reporting system.

The SOC Guidebook has undergone review and evaluation from a group of experts within and outside the region.

It has been refined based on the recommendations from the experts’ review and will be submitted to the EAS Partnership Council in July 2011 for approval.

**Integrated Information Management System (IIMS)**

PEMSEA’s Integrated Information Management System (IIMS) was expanded to support multi-sectoral information networking of river basin management and all State of the Coasts reporting variables.

**Network Advocacy**

**Corporate Social Responsibility (CSR)**

- A workshop entitled “ICM Implementation and Opportunities for Public Private Partnerships (PPP): Supporting the Implementation of the Operational Plan for the Manila Bay Coastal Strategy” was held at the Hyatt Hotel and Casino Manila on February 23, 2011 for the local government representatives surrounding Manila Bay. More than 60 participants were present.
- Flagship project proposals were submitted as a result of several workshops in support of ICM implementation and to encourage public-private partnerships through CSR for the areas surrounding Manila Bay.



- Coastal cleanup of the Las Piñas–Parañaque Critical Habitat and Ecotourism Area – On April 30, 2011, a coastal cleanup of the Las Piñas–Parañaque Critical Habitat and Ecotourism Area was conducted by the Direct Selling Association of the Philippines (DSAP), spearheaded by Avon Philippines and supported by the Department of Environment and Natural Resources (DENR) and PEMSEA. The Parañaque Bird Sanctuary, as it is popularly called, has coastlines along Manila Bay, an identified pollution hotspot in the East Asia region. The group was able to collect 150 sacks of waste from the coastline during the half-day event.



Cleanup of the Bird Sanctuary in Parañaque, Philippines

### Port Safety, Health and Environment Management (PSHEM)

- In collaboration with the German Technical Cooperation (GTZ), a project was initiated in support of the ASEAN Port Association. It aims to improve environmental and occupational safety and health management and implement PSHEMS in seven other ports in the Sihanouville Port and Phnom Penh Port in Cambodia; Port of Tanjung Priok Indonesia; Sabah Port Malaysia; Port of Iloilo and Port of Cagayan de Oro in Philippines and Saigon Port in Vietnam.
- Participated in the Sustainable Port Development in the ASEAN Region:
  - Project Inception Workshop in Bangkok and the Sustainable Port Development in the ASEAN Region
  - Project Planning Workshop in Saigon (August 2010) facilitated by GTZ and PEMSEA.
- Conducted with GTZ the Initial Status Review of existing management system of the participating ports in the Sustainable Port Development in the ASEAN Region
- Signed Memorandum of Agreement (MOA) for the implementation of PSHEMS in Sihanouville Port and Port of Iloilo
- Phase 1 to 3 training workshops have been conducted



Sustainable Port Development in the ASEAN Region: Project Inception Workshop in Bangkok and the Sustainable Port Development in the ASEAN Region



Site walk-through and audit of Sapangar Bay Port facilities



6<sup>th</sup> Twinning Workshop on Integrated River Basin and Coastal Area Management (Dalian, PR China, May 2011).

- Drafted a Memorandum of Agreement (MOA) for the implementation of PSHEMS in the participating ports in the Sustainable Port Development in the ASEAN Region. The MOA is undergoing final review by respective port's management.

#### Twinning (Integrated River Basin and Coastal Area Management)

- The 6<sup>th</sup> Twinning Workshop on Integrated River Basin and Coastal Area Management was conducted in Dalian, China on 18-20 May 2011 supported by the Ministry of Land, Transport and Maritime Affairs of RO Korea (MLTM). The workshop provided a platform for sharing of good practices and experiences in planning and implementing total allowable pollutant reduction programs in integrated river basin and coastal area management programs of Bohai Sea, China; Manila Bay, Philippines; Jakarta Bay, Indonesia; Jiulong River, China; and Masan-Chinhae Bay, RO Korea.
- This year's workshop was marked by presentations from developing IRBCAM sites showing the on-site application of Total Pollutant Load tools initially shared by advanced sites.

- The workshop agreed that Total Pollution Load (TPL) management facilitated ecosystem-based management linking upstream, downstream freshwater, and marine water use, and is a more effective way of achieving water quality targets (e.g., fishable and swimmable waters) than solely effluent-concentration-based regulation.

- The workshop concluded with the participants desiring that: (1) lessons learned/good practices shared by the twinning sites over the years be synthesized for broader use; (2) future twinning network activities focus on IRBCAM issues raised such as institutional and governance arrangements and social consensus, water supply management, and natural hazards; and (3) more sites participate in the twinning network.

#### Communications and Media Advocacy

- A case study entitled "Catching the Burgeoning Wave of Corporate Responsibility for Manila Bay" has been written to delve into the current social

responsibility initiatives of the private sector, and how these endeavors may be tapped to contribute to the ICM initiatives for the regions surrounding Manila Bay.

- Policy Brief on "Targeted Research and Monitoring Programs for Enhanced Management of the Seas of East and Southeast Asia" was published in partnership with Palawan State University, Conservation International, WorldFish and The Global Socioeconomic Monitoring Initiative for Coastal Management (SOCMON)
- *Tropical Coasts on Good Practices in Water Management and Climate Change and Tropical Coasts on Governance, Food Security and Habitat* published, co-financed by UNEP and SIDA.

#### PEMSEA Launches New Website

In March 2011, PEMSEA launched its main website. Built from the ground up, this effort aims to upgrade the existing online presence of PEMSEA to more modern standards. While the new website features dozens of new features and improvements, the following are a few of the features of the new PEMSEA.org:

- **New Flexible Content Management System.** The new PEMSEA website uses Drupal, one of the leading Content Management Systems available on the market. Drupal is increasingly being used by organizations such as the World Bank, World Food Programme, UNDP, World Economic Forum, and the Asian Development Bank. This system will provide the organization with a firm foundation with which to build and improve its online presence.
- **Cleaner, More Streamlined Design.** The website features a clean, streamlined design that promotes content and facilitates information discovery.
- **One-stop Profiles.** The profiles section of the website includes detailed information about each of our countries, ICM sites and partner organizations. These profiles



# Partnerships in Action

## PEMSEA Accomplishment Report 2010–2011



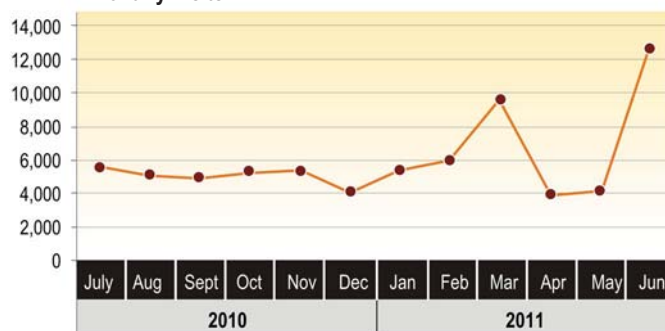
### Website Traffic Report (1 July 2010 – 30 June 2011)

#### Site Traffic Summary

	Q3 2010	Q4 2010	Q1 2011	Q2 2011	Total
<b>Total Visits</b>	18,344	117,507	24,601	23,876	<b>84,238</b>
<b>Visits per Day</b>	200	191	274	262	
<b>Total Pages Viewed</b>	35,303	36,117	41,450	43,391	<b>156,261</b>
<b>Pages Viewed per Visit</b>	1.92	2.06	1.68	1.81	
<b>Pages Viewed per Day</b>	383.72	392.57	460.55	476.82	

Most Number of Visits	
June 22, 2011	1,039
June 21, 2011	1,019
June 29, 2011	764
June 30, 2011	741
March 14, 2011	715
June 23, 2011	697
June 28, 2011	692
June 14, 2011	692
June 27, 2011	680
March 15, 2011	636

Monthly Visits



#### Visitors

Top 5 Originating Countries** and PEMSEA Partner Countries		
1	Philippines	50.83%
2	United States	8.18%
3	India	6.90%
4	Japan	2.27%
5	Malaysia	2.16%
7	Singapore	2.01%
8	PR China	1.89%
9	Thailand	1.69%
10	RO Korea	1.62%
12	Indonesia	1.39%
14	Viet Nam	1.17%
18	Cambodia	0.55%
39	Lao PDR	0.18%
78	Timor-Leste	0.06%
190	DPR Korea	--

How Visitors Find the Site	Q3 2010	Q4 2010	Q1 2011	Q2 2011
<b>Direct Traffic</b>	16.29%	14.26%	11.88%	19.15%
<b>Links from Other Websites</b>	10.50%	9.85%	8.06%	18.10%
<b>Search Engines</b>	73.20%	75.89%	80.06%	62.76%

Other Data	Q3 2010	Q4 2010	Q1 2011	Q2 2011
<b>Bounce Rate</b>	72.14%	70.54%	75.37%	73.43%
<b>New Visitors</b>	81.55%	81.00%	82.98%	84.08%
<b>Time on Site</b>	00:01:49	00:02:19	00:01:39	00:01:39

Social Networks	
<b>Publication Reads in Scribd (<a href="http://www.scribd.com/pemsea">http://www.scribd.com/pemsea</a>)</b>	26,362
<b>Readcasts in Scribd (<a href="http://www.scribd.com/pemsea">http://www.scribd.com/pemsea</a>)</b>	218
<b>Video Views in Vimeo (<a href="http://www.vimeo.com/pemsea">http://www.vimeo.com/pemsea</a>)</b>	843

#### Content

##### Most Read Publications in Scribd

	Publication title	Reads
1	<b>Bataan Sustainable Development Strategy</b>	1,992
2	<b>State of the Coasts of Batangas Province</b>	768
3	<b>Proceedings of the Workshop on Achieving the MDGs through Enhancing Local Capacities for Integrated Coastal Resources Management: Evidences and Lessons Learned</b>	700
4	<b>Port Klang Initial Risk Assessment</b>	684
5	<b>Manila Bay Coastal Strategy</b>	678
6	<b>Sihanoukville Coastal Strategy</b>	560
7	<b>Tropical Coasts: Good Practices in Water Management and Climate Change</b>	524
8	<b>Framework for National Coastal and Marine Policy Development</b>	448
9	<b>Proceedings of the ICM Dialogue</b>	420
10	<b>Tropical Coasts: Conserving the Sulu and Sulawesi Seas</b>	395

##### Definitions and Notes:

**Page views** – the number of times a specific computer accessed a single page on the website

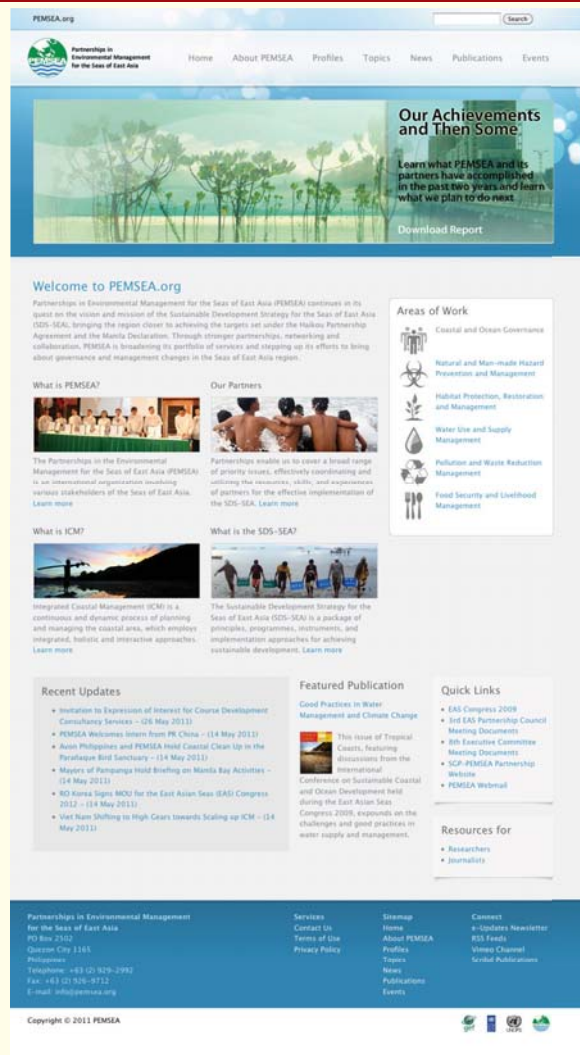
**Visits** – the number of times a specific computer accessed any part of the PEMSEA website without being inactive for more than 30 minutes

**Bounce Rate** – The percentage of visitors who accessed any page in the website and clicked the “Back” button on their browsers

**Readcasts** – The number of times Scribd readers announced on their profiles that they are reading a specific publication

\* This report only includes figures up to 15 June 2011. Total figures for Q2 2011 include projected figures for 16-30 June 2011 and may be slightly skewed.

\*\* Figures for originating countries and regions are slightly skewed for the United States and Northern America due to the US-centric addressing systems being used by Internet Service Providers globally.



provide users with detailed and updated information, including overviews, news, publications and events about these countries, sites, and organizations. This will allow users interested about particular ICM sites, for instance, to be easily updated on new developments about their sites.

- Localized Search.** The new website features local search facilities in the News, Publications and Events sections. These real-time search boxes only search content in the particular section, providing users with more relevant results.
- An Integrated Online Bookstore.** The PEMSEA website now includes an integrated shopping facility for purchasing publications. Purchase links will appear on publication pages that are still available on print, and visitors will be able to add these to a shopping cart. The bookstore automatically computes necessary shipping costs based on the order's total weight and delivery address.

## Resource Mobilization

Other Support for key PEMSEA projects/ activities:

### Yeosu Project/Fund

Two project proposal approved:

- Strengthening Oil Spill Preparedness and Response in a Sub-regional area: Environmental Sensitivity Mapping and Hydrodynamic Modelling in the Gulf of Thailand (joint proposal by IMO and PEMSEA); and
- Sustainable Operation of Ports Through the Development and Implementation of a Port Safety, Health and Environmental Management Code

### Swedish Environmental Secretariat for Asia (SENSA)/Swedish International Development Cooperation Agency (SIDA)

- Translation of ICM manual (into Korean language)
- Co-financing of the ICM Training in DPR Korea
- Co-financing of the Regional ICM Training in Danang, Vietnam
- Additional co-financing for the publication of the 2 issues of *Tropical Coasts* on the EAS Congress

### Korea Maritime Institute (KMI) and the Ministry of Land, Transport and Maritime Affairs of RO Korea (MLTM)

- Co-organized the 6th Regional Twinning Workshop in China
- Co-financing the development of Cambodia Coastal Use Zoning and Policy
- Co-financing the conduct of consultations on Lao PDR's National Water Policy, Strategy and Five-Year Action Plan
- Co-financing the workshops and consultations on the development of Timor-Leste's National ICM Policy

### Korea Marine Environment Management Corporation (KOEM)

- Conduct of research and completion of report on Climate Change Adaptation in the East Asian Seas Region.



The Ministry of Land, Transport and Maritime Affairs of RO Korea (MLTM), Changwon City Government and PEMSEA sign the agreement on the hosting and organization of the East Asian Seas Congress 2012.



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

**9–13 July 2012**

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for the Seas of East Asia

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