

Executive Summary

The Training Workshop on Integrated Coastal Management (ICM) was successfully conducted on 22 November- 10 December 2004 at Holiday Inn Galleria Manila, Pasig City, Philippines and Xiamen, PR China. Twenty-five (25) participants from eleven participating countries from the PERSGA and East Asian Region attended the workshop. Participants from PERSGA countries are members of the ICM regional working group of PERSGA while those coming from PEMSEA participating countries are key personnel involved in the establishment of new ICM parallel sites.

The practical experiences and lessons learned from PEMSEA ICM sites which was integrated into the lectures has proven to be an effective approach in enhancing participants understanding of the ICM approach and processes. The workshop discussions and field visits were successful in providing the participants with exposure on the practical issues and best practices on ICM program implementation. The study tour further provided the participants an opportunity to interact with stakeholders and enabled them to recognize the realities of on-ground ICM implementation and its benefits.

In view of the significant background of most of the participants from the PERSGA countries, it provided a dynamic exchange of ideas and brought forth rich discussions on ICM program development and implementation, as well as strategies for sustaining the ICM program.

pdfMachine

A pdf writer that produces quality PDF files with ease!

Produce quality PDF files in seconds and preserve the integrity of your original documents. Compatible across nearly all Windows platforms, simply open the document you want to convert, click "print", select the "Broadgun pdfMachine printer" and that's it! Get yours now!

1.0 RESOURCE SPEAKERS AND TRAINING SECRETARIAT

Resource Speakers from PEMSEA

Dr. Huming Yu
Senior Programme O

Dr. Jihyun Lee
Senior Programme Officer

Ms. Nancy Bermas-Atrigenio
Technical Officer

Ms. Stella Regina Bernad
Legal Officer

Ms. Ma. Corazon Ebarvia
Technical Officer

Ms. Bresilda Gervacio
Technical Officer

Ms. Cristine Ingrid Narcise
Sr. Technical Assistant

Training Staff/Secretariat

Ms. Diana Factuar, Training Officer
Ms. Belyn Rafael, Technical Assistant

2.0 VENUE, DURATION AND WORKSHOP SCHEDULE

The training workshop was conducted in Manila from 22 November -3 December at Holiday Inn Galleria Manila, Pasig City, Philippines and 5-10 December 2004 in Xiamen, PR China. The workshop schedule is presented as **Annex 1**.

3.0 WORKSHOP OBJECTIVES

The main objective of the workshop was to enhance participants' knowledge and skills essential in the development and implementation of ICM projects.

The workshop covered the essential elements of ICM program development and implementation, and dealt with practical approaches and strategies to improve implementation and management of project activities. The workshop provided a venue for sharing of experiences and best practices in the East Asian and PERSGA region.

4.0 RESULTS

4.1 Participants

Twenty-five participants attended the workshop. Participants came from Dibouti, Jordan, Saudi Arabia, Sudan, Yemen, Indonesia, Malaysia, Philippines, RO Korea, Thailand and Vietnam. Participants from PERSGA countries are members of the ICM regional working group of PERSGA while those coming from PEMSEA participating countries are key personnel involved in the establishment of new parallel sites. The list of participants is provided in **Annex 2**.

4.2 Opening Ceremony and Keynote Lecture

Dr. Chua Thia-Eng, PEMSEA Regional Programme Director, welcomed the participants to the workshop. His keynote lecture emphasized on the ten driving forces of ICM such as adaptive learning, vision, platform, coordination, partnerships, integration, coverage, flexibility and resilience. He ended his lecture with some questions as food for thought on coastal management.

He encouraged everyone to keep the interaction informal, to ask questions, bring up practical issues which need clarification, know one another and explore areas of networking among participants.

4.3 Training Module

The training workshop was structured into 3 sessions. Session1 dealt with the ICM Concept, Principles, Framework and Processes, Session 2 on ICM Tools and Techniques and Session 3 on the Application of ICM Framework.

Session 1: ICM Concept, Principles, Framework and Processes

The lecture on the ICM concept, principle and guidelines emphasized on the importance of adopting an integrated approach to coastal management. The general principles and guidelines concerning sustainable development that are applicable in the adoption and implementation of ICM was explained. The ICM principles that are well accepted and recognized by participants are “integration” and “coordination”. As observed in the discussion, some of PERSGA participants have not fully applied such principle since most of them have a highly centralized form of government.

The ICM Program Development and Implementation Cycle was discussed highlighting on the basic requirements and activities for each processes. Factors that contribute to the success of ICM program development and implementation include local government commitment, institutional arrangements, public awareness creation and local capacity building.

Thematic grouping of participants was also done in preparation for the final course exercise. The topics assigned to participants are the following: (1) Habitat loss and degradation; (2) Marine Pollution; (3) Unsustainable use of fish and other living resources; and (4) Tourism development issues.

The discussion on “integration and coordination” focused on the processes and approaches in integration and coordination between and among the different implementing institutions. The lecture emphasized the importance of interagency, cross-sectoral and multi-disciplinary interaction in addressing issues concerning coastal and marine development and common problems of environmental/marine resources degradation.

It was also emphasized that monitoring and evaluation is an integral part of the ICM program, it aims to determine the extent of an ICM program achievement with regard to program objectives and goals. The ICM performance indicators were discussed as an example of how a set of criteria can be developed to effectively monitor and evaluate progress.

Session 2: ICM Tools and Techniques

The session on ICM Tools and Techniques started with data gathering and analysis methods. The lecture emphasized that data gathering is an essential step in the initiation of an ICM program and a systematic way of storing and generation of information should be established. Participants were also exposed to different tools for information management. Participants were given the chance to browse through the PEMSEA IIMS system to familiarize themselves on how the system works.

Economic tools for environmental accounting were discussed. Participants were also introduced to the processes of conducting *Environmental Risk Assessment*.

Lectures were focused on developing *Coastal Strategy* including different processes for involving stakeholders as well as conducting information, education and communication campaigns and marine legislation.

Considering that most of the topics under this session are highly technical, they require prior exposure to techniques and concepts in order to appreciate the discussions. It was observed that participants have difficulties grasping the different techniques and concepts discussed by the lecturers especially those who are yet to implement similar techniques in their projects.

In this regard, it was emphasized that the objective of presenting the various ICM tools and techniques is for participants to become aware that there are available tools and methodologies that they can apply in ICM. Participants are not expected to be experts on these tools at the end of the training but rather understand what are their requirements and benefits to support ICM program implementation.

Session 3 : Application of ICM Framework

The session was devoted to the Application of ICM Framework in different aspects ranging from pollution management to coastal tourism. Similar to previous sessions which involved understanding of technical concepts, practical experiences of participants is important in understanding the issues discussed by lecturers. It was observed that highly theoretical and analytical tools are more appreciated when practical activities are used as examples. Also, it was noticed that participants were particularly more active in the open forum/sharing type of discussion since they are able to freely voice-out their opinions and share their experiences in their own countries.

A presentation on Regional Collaboration was also discussed as a special topic.

4.4 Field Visits

Bataan and Batangas

The field visits in Bataan and Batangas successfully provided the participants with exposure on practical issues and best practices in ICM program implementation. The interactions between participants and stakeholders from the various sites have provided them with significant learning and first-hand information on the approaches and implementation issues in sustaining an ICM program.

The new initiatives undertaken by the private sector in Batangas are not linked into the over-all ICM program of the province. Hence, there is a need to invite the private sector in future ICM training in Batangas to increase their awareness and understanding of ICM and relate their activities to the over-all ICM program of Batangas. Please refer to the attached mission report for further details.

Xiamen

The field visit and final course exercise were successfully conducted in cooperation with the Xiamen Government and Xiamen International Training Center for Coastal Sustainable Development.

In view of the increasing demand for sharing the ICM experiences of Xiamen, from the region as well as outside of the region, further efforts can be made to upgrade the conduct of Xiamen ICM field visits. Standardized briefing materials and powerpoint presentations in English must be in place to ensure that the appropriate message, lessons learned and best practices are highlighted during the field visit. The field visit brief should be updated to incorporate some of the new initiatives and developments in Xiamen. Please refer to the attached mission report for further details.

4.5 Country Presentations

Participants from RO Korea and PERSGA countries made a presentation of the ICM initiative in their respective countries. Please refer to **Annex 3** for the presentations.

4.6 Final course exercise

The respective groups convened after the lectures to discuss the expected group output. PEMSEA facilitators were assigned to guide each group in their discussion.

Presentation of the final course exercise was conducted in Xiamen. Please refer to **Annex 4** for the final outputs.

4.6 Dialogue with Dr. Chua

Participants were provided with the opportunity to discuss other issues and concerns on ICM program development and implementation with Dr. Chua. Two meetings were held separately for PERSGA countries and PEMSEA countries respectively. The difficulty of policy integration for ICM implementation was discussed. Among the reasons discussed were (1) internal administrative problems among various agencies (2) different agency priorities, and (3) inter-agency conflict, among others.

The discussion with participants from PEMSEA participating countries focused on potential issues and problems in ICM implementation in their respective (parallel) sites. Dr. Chua emphasized that ICM is an incremental process of building-up on minimal efforts that will gradually accumulate to achieve a desired goal. The process of enjoining support from the different sectors, particularly among the different agencies is always a challenge in project implementation.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The training workshop was successful in meeting its objective of enhancing participants' knowledge of the concept, approaches and essential elements of ICM. The case studies and practical experiences at PEMSEA sites strengthened the ICM training course.

The study tour provided an opportunity to see on-ground implementation of the ICM program at different levels and local situation.

The use of guide questions to stimulate the discussions after each lecture proved to be very effective as it allowed participants to share and learn from each other's experiences. It also provided insights to RPO on the ICM approach of other programs such as PERSGA.

In view of the significant background of most of the participants from the PERSGA countries, it provided a dynamic exchange of ideas and brought forth rich discussions on ICM program development and implementation, as well as strategies for sustaining the ICM program. On a deeper level, the interactions facilitated better relationships among the participants. They recognized the value of maintaining their network to further strengthen their sharing of knowledge and experiences.

TRAINING COURSE ON INTEGRATED COASTAL MANAGEMENT
Nov. 22 - Dec 10, 2004
Manila, Philippines, Xiamen, PR China

DETAILED TRAINING SCHEDULE

Nov. 21 (Sunday)	Arrival of Participants
Nov. 22 (Monday)	
8:30–8:45	Registration
8:45 –9:00	PEMSEA Video
9:00-9:30	Opening Ceremony
	<u>SESSION 1: ICM CONCEPT, PRINCIPLES FRAMEWORK AND PROCESSES</u>
9:30-10:30	Introduction to ICM
10:30-10:45	Coffee/Tea Break
10: 45-11:45	The ICM Concept
11:45 –12:15	Principles and Guidelines
12: 15 –1:30	
	Lunch Break
1:30 –2:30	Essential Elements
2:30 –3:30	Framework and Processes
3: 30 -3:45	Coffee/Tea Break
3:45 - 4:45	Visions, Strategies and Communications
7:00 –9:00	Welcome Dinner
Nov. 23 (Tuesday)	
8:30-8:45	Recap of previous days lecture
8:45-9:45	ICM Program Development and Implementation Cycle
9: 45-10:45	Initiating an ICM Program
10:45 –11:00	Coffee/Tea Break
11:00-12:00	Planning for an ICM Program
12: 00 –1:30	Lunch Break
1:30 –2:30	
	Developing Strategies and Action Plans
2:30 –3:30	
	Securing Program Approval and Budget
3: 30 -3:45	
	Coffee/Tea Break
3:45 –4:45	Implementing and Managing an ICM program
Nov. 24 (Wednesday)	

8:30-8:45	Recap of previous days lecture
8:45-9:45	Monitoring and Evaluation of an ICM program
9: 45-10: 45	The Next ICM Cycle - Refining
10:45 –11:00	
	Coffee/Tea Break
11:00 - 12:00	Building Local Capacity to Plan and Manage an ICM program
12: 00 –1:30	<u>Lunch Break</u>
1:30 –5:00	Field Study to Manila Bay “Multiple Resource Use Conflict”

**Nov. 25
(Thursday)**

8:30-8:45	Recap of previous days lecture
8:45-9:45	Integration and Coordination
9:45-10:45	Public Involvement and Investment
10:45 –11:00	
	Coffee/Tea Break
11:00 –12:00	Institutional and Legislative Arrangements
12:00 –1:30	
	Lunch Break
1:30 – 2:30	Regulations and Incentives

SESSION 2: ICM TOOLS AND TECHNIQUES

2:30 –3:30	Data Gathering and Analysis
3: 30 –4:30	Rapid Appraisal Approach
4:30 –4:45	
	Coffee/Tea Break
4:45 –5:45	Remote Sensing and GIS

**Nov. 26
(Friday)**

8:30-8:45	Recap of previous days lecture
8:45-9:45	Integrated Information and Management System
9: 45-10: 45	Coastal Environmental Profiling
10:45 –11:00	
	Coffee/Tea Break
11:00-12:00	Economic Analysis and Resource and Environmental Accounting
12:00-1:30	Lunch Break
1:30 –2:30	Sustainable Financing/Environmental Investment
2:30 –3:30	Integrated Environmental Impact Assessment
3: 30 -3:45	Coffee/Tea Break
3:45 –4:30	Risk Assessment and Risk Management
4:30–5:15	Integrated Environmental Monitoring
5:15 -5:30	Briefing on the Bataan Field Visit/Video Showing on BIGKIS Bataan

**Nov. 27
(Saturday)**

BATAAN CASE STUDIES AND FIELD VISIT

6:00 AM Depart for Bataan
9:00 –9:45 Public Private Partnership as Sustainable Financing Mechanism for ICM: BIGKIS Bataan case study
Mr. William Azucena, OIC-BIGKIS Bataan ICM Program
9:45 -10:15 Empowering Communities with Alternative Livelihood Program
Mr. William Azucena, OIC-BIGKIS Bataan ICM Program
Ms. Ellen Tabing, Community Development Officer

10:15 –10:45 Public Awareness and Participation through Beach Clean-up and Mangrove Replanting
Mr. William Azucena and Ms. Ellen Tabing
12:00 –1:30 Limay
Lunch at Petron
1:30 –3:00 Orion -Visit to the mangrove area, coastal community, industries,
3:00 –4:30 Visit to Mt. Samat
5:30 Depart for Bataan

**Nov. 28
(Sunday)
Nov. 29
(Monday)**

FREE DAY

8:30-8:45 Recap of previous days lecture
8:45-9:45 Coastal Strategy
9: 45-10: 45 Stakeholder Participation
10:45 –11:00 **Coffee/Tea Break**
11:00-12:00 Information, Education and Communication (IEC)
12:00-1:30 **Lunch Break**
1:30 –2:30 Functional Zoning
2:30 –3:30 Marine Legislation
3: 30 -3:45 **Coffee/Tea Break**
3:45-4:45 Summary of Session 2

**Nov. 30
(Tuesday)**

SESSION 3: APPLICATION OF ICM FRAMEWORK

8:30-8:45 Recap of previous days lecture
8:45-9:45 Pollution Prevention and Management
9: 45-10: 45 Integrated Waste Management
10:45 –11:00 **Coffee/Tea Break**
11:00-12:00 Sustainable Fisheries Development
12:00-1:30 **Lunch Break**
1:30 –2:30 Sustainable Aquaculture Development
2:30 –3:30 Coastal Tourism Development
3: 30 -3:45 **Coffee Break**
3:45 – 4: 45 Marine Protected Areas

**Dec. 1
(Wednesday)**

8:30-8:45 Recap of previous days lecture
8:45-9:45 Climate Change and Sea Level Rise
9: 45-10:45 Integrated Implementation of International Conventions
10:45 –11:00 **Coffee/Tea Break**

SESSION 4: SPECIAL TOPIC

11:00-12:00 Regional Partnership and Collaboration: Framework, Approaches and Practices
12:00 -1:30 **Lunch Break**
1:30 – 4:00 Group Exercise on Applying Coastal Strategy and Action Plan Approach to Address Specific Issues (Tourism, Fisheries, Aquaculture, Biodiversity, Sea-based Pollution, etc)

**Dec 2
(Thursday)**

BATANGAS CASE STUDIES AND FIELD VISIT

6:00 Depart for Batangas
9:00 -9:15 Courtesy Call to Gov. Armando Carpio Sanchez
9: 15-9:45 AT PG-ENRO
Briefing on :
Forging Multi-Sectoral Cooperation and Partnership for ICM
Engr. Evelyn L. Estigoy, PG-ENR Officer
9:45-10:15 Briefing on :
Stakeholders Participation in Environmental Pollution Monitoring
Engr. Concepcion Dimayuga, Head, Batangas Marine Laboratory
10:15 -10:30 **Coffee break**
10: 30 –11:00 Briefing on :
Private Sector Participation in Environmental Management
Mr. Benjamin Espina, President, BCRMF
Mr. Noel Mendoza, Coordinator, BCRMF
11:00-11:30 Visit to PG-ENRO Monitoring Laboratory
11:30 –1:00 **Lunch Break (Buffet)**
1:00 – 2:30 Visit to First Gas Power Corporation, Sta Rita, Batangas City
Briefing on : Waste Management Programs and Other Environmental Initiatives
Mr. Ramon Araneta, Plan Manager
Mr. Chito Panzo, Pollution Control Officer
2:30 –3:00 Visit to Batangas International Port
3:00 – 4:00 Visit to the Material Recovery Facility (Brgy Ambulong)
Briefing on: Establishment and Management of MRF
Mr. Gregorio Mangabat, CENR Officer, Batangas City

Dec 3 (Friday)

7: 30 Depart for Mabini

8:30 –11:00
11:30 –1:30
1:30 –2:30

Boat Ride
Lunch
Briefing on: Municipal Level Coastal Management and the Application of Conservation Fee
Ms. Luzviminda Villas, MENR Officer, Mabini , Batangas

2:30-3:30
4:00

Briefing on: Replication of ICM Efforts in other Bays in Cooperation with NGO's
Ms. Evelyn L. Estigoy
Return to Manila via Tagaytay

**Dec. 4
(Saturday)**

FREE DAY

**Dec 5
(Sunday)**

Depart for Xiamen

XIAMEN CASE STUDIES AND FIELD VISITS

**Dec. 6
(Monday)**

Visit to the Marine Management Coordination Office

- ❖ *Briefing on "Overview of Xiamen ICM achievements and Lessons Learned" by PMO Director*
- ❖ *Video presentation on Xiamen ICM (ROK Masan MBC Video)*
- ❖ *Presentation on GIS System for Zoning Implementation*

Visit to Yuandang Lake

Briefing on "Yuandang Lagoon Water Quality Restoration and Waterfront Development"

Visit to the Waste Water Treatment Facilities

Visit to Xiamen International Port

Briefing on "Environmental Considerations in Port Operation, Expansion and Development"

**Dec. 7
(Tuesday)**

Cruise in the West Sea

Briefing on "Implementation of Sea-Use Zoning Plan"

Visit to Gulangyu Island

Briefing on "ISO14001 and Sustainable Tourism Development in Gulangyu Island"

**Dec. 8
(Wednesday)**

Tour along the Coastal Road

Briefing on "Coastal Landscaping and Beach Protection"

Visit to Xiamen University

Briefing on:

- ❖ *Integration of Science and Management*

❖ ICM Application for Biodiversity and Marine Protected Areas

**Dec. 9
(Thursday)**

Preparation for Group Presentation (in Xiamen University)

**Dec. 10
(Friday)**

Presentation on Group Exercise on Applying Coastal Strategy and Action Plan Approach to Address Specific Issues (in Xiamen University)

Dec. 11

Course Summary and Evaluation
Departure from Xiamen

**Training Course on Integrated Coastal Management
Manila, Philippines and Xiamen, PR China
22 November – 10 December 2004**

List of Participants

PERSGA participating countries:

DJIBOUTI

Houssein Ali Nassan

Executive Manager/
Head Project Manager
Ministry of Environment
P.B. 3423
DJIBOUTI
Tel: (25) 3 354623
Mobile: (25) 3 834339
Fax: (25) 3 351618
E-mail: idleeh@yahoo.fr

Abdillahi Bouh Miguil

Ministry of Education Djibouti
Tel: (25) 3 813920; (25) 3 354170
Fax: (25) 3 351618
E-mail: abdilahib@yahoo.fr

JORDAN

Abdullah Ali Moh'd Abu Awali

Manager, Aqaba Marine Park
Aqaba Special Economic Zone Authority
(ASEZA)
P.O. Box 2565
Jordan, 77110 Aqaba
Tel: (96) 23 2035801
Fax: (96) 23 2035802
E-mail: abuwali@yahoo.com

Khaled Rajab M. Abu Aisheh

Coastal Zone Management and EIA Specialist
Aqaba Special Economic Zone Authority
(ASEZA)

SUDAN

Nahid Abdel Rahim Osman

Lecturer, Faculty of Marine Sciences and
Fisheries
Red Sea University
P. O. Box 24
Portsudan- Sudan
Tel: (24) 9311841326
Fax No. (24) 931131778
E-mail: abunahid@yahoo.com

Bahaeldin Ahmed Abdalla Farag

Head
Survey Department Office
Red Sea State
Portsudan, Sudan
Tel: (24) 9912913351

E-mail: Bahmed444@hotmail.com

YEMEN

Abdullah Hamood Ahmed Abo Al-futooh

General Director for Department of Natural
Resources and Biodiversity
Environment Protection Authority
SANA'A, Yemen
AL ZOBAIRE STREET
P.O. Box 18280
SANA'A, REPUBLIC OF YEMEN
Tel: (96) 773711196
Fax: (96) 71470247
E-mail: alfotooh2003@yahoo.com

Aqaba, 77110 Jordan
Tel: (96) 23 2091000- 2253
Fax: (96) 23 2092910
E-mail: kaledasheh@yahoo.com

Ebrahim Ahmed Saeed Awadh
Head of Awareness Section
EPA Aden Branch/
Coordinator of ICZM for Aden Governorate
Environment Protection Authority
Aden Branch
P.O. Box 603, Crater
Aden, Yemen
Tel: (96) 72240607
Fax: (96) 72240615
E-mail: gallozy@y.net.ye
PERSGA

SAUDI ARABIA

Ziad Mohammed M. Daghistani
Presidency of Meteorology and Environment
Jeddah, Saudi Arabia
PO Box 1358, Jeddah 21431
Mobile: (96) 6 555645232

Osama Jamal T. Qurban
Director of Response, Monitoring and
Meteorology.
Presidency of Meteorology and Environment
Jeddah, Saudi Arabia
PO Box 1358, Jeddah 21431
Mobile: (96) 6 505670780

Ibrahim Ouda S. Alfahmi
Emergency and Response.
Presidency of Meteorology and Environment
Jeddah, Saudi Arabia
PO Box 1358, Jeddah 21431
Mobile: (96) 6 505526129

Nagmeldin Awad-Elkarim Mohamed Ahmed
Procurement Officer
PERSGA
PO Box 53662, Jeddah 21583
Jeddah, Saudi Arabia
Tel: +966 2 657 3224
Fax: +966 2 652 1901
Email: nagmeldin.awad@persga.org

Kheloud Abdel-Razzaq Bdaiwi Tubaishat
ICZM Lead Specialist
PERSGA
7th floor - Baroom Center , Hail street , Al-
Ruwais, Jeddah, Kingdom of Saudi Arabia
or
PERSGA
P.O. Box 53662
Jeddah 21583, Saudi Arabia
Tel: 00966 2 6573224
Fax: 00966 2 6521901
Email: information@persga.org

PEMSEA participating countries:

INDONESIA

Drs. I Nyoman Sumartana
Head of Cleanliness and Environment
Department
Tabanan Regency
Jl. Yudistira No. 2
Megati Tabanan

PHILIPPINES

Anabelle Loyola
Sr. Environmental Management Specialist, PG-
ENRO
Head, PMO-Cavite ICM Program
Office of the Governor
Provincial Capitol Bldg
Trece Martires City 4109
Cavite, Philippines

Bali, Indonesia
Tel: (62) 361 416500
Fax: (62) 361 812703

Dra. Made Wardani Rudolf

Assistant to Jembrana Regency Secretary
Jembrana Regency
Jl. Surapati No.1
Negara 82217
Bali, Indonesia
Tel: (62) 365 41210
Fax: (62) 365 41010

Drs. I Made Aryadhy

Head of Division on Environmental
Department
Buleleng Regency
Jl. Gajah Mada 107
Singaraja 80000
Bali, Indonesia
Tel: (62) 362 25844
Fax: (62) 362 23332

REPUBLIC OF KOREA

Jiyeon Choi

Researcher
Coastal Management and Marine
Environment Research Division
Korea Maritime Institute
1027-4, Bangbae3-dong, Seocho-gu
Seoul, 137-851, Korea
Tel: (82) 2 21052773
Fax: (82) 2 21052779
E-mail: jychoi@kmi.re.kr
neo71@never.com

Moonn Suk Lee

Researcher
Korea Ocean Research and Development
Institute
1270 Sa2-dong, Sangnok-gu
Ansan, Kyunggido, Korea
Tel: (82) 17 4115015
Fax: (82) 31 4006505
E-mail: leems@kordi.re.kr

Tel: (63) 46 4190916; (63) 46 4121334
Mobile: (63) 921 2433893
Fax: (63) 46 4190916
E-mail: ana_daluyong@yahoo.com

Felicito S. Legaspi

Secretary, Executive Committee
Cavite Integrated Coastal Management
Cavite Provincial Capitol
Trece Martires City

Felipe Echaluze

Manager
Sabrina Fair Philippines, Inc.
Bgy. Labac, Naic
Cavite, Philippines
Telefax: (63) 46 4121209
VIETNAM

Le Dai Thang

Official
Vietnam Environment Protection Agency
Ministry of Natural Resources and Environment
67 Nguyen Du Str
Ha Noi, Vietnam
Tel: (84) 4 8224419
Fax: (84) 4 8223189
E-mail: ldthang@nea.gov.vn
thangdai@hotmail.com

Nguyen Hoang Yen

Official
Department of Natural Resources and
Environment
Quang Nam Province
100 Hung Vuong Street, Tam Ky
Quang Nam, Vietnam
Tel: (84) 510 859532
Fax: (84) 510 852354
E-mail: hoangyen041@yahoo.com

Malaysia

THAILAND

Jarassri Rungwichaniwat

Research Associate
Thailand Environment Institute (TEI)
16/151 Muang Thong Thani
Bond Street, Tambon Bangpood
Amphur Pakkred, Nonthaburi 1120
Thailand
Tel: (66) 2 5033333 ext. 300
Fax: (66) 2 504 4826 to 28
E-mail: info@teo.or.th

Tan Kim Hooi
Centre for Coastal and Marine Environment
Maritime Institute of Malaysia
Unit B-06 08 -B 06-11
Megan Avenue 2
12 Jalan Yap Kwan Seng
50450 Kuala Lumpur, Malaysia
Tel no. (603) 216-12960
Fax(603) 216-17045
E-mail: khtan@mima.gov.my

PEMSEA Secretariat

Diana Factuar

Training Officer
GEF/UNDP/IMO Regional Programme-
PEMSEA
DENR Compound
Visayas Ave., Quezon City
Tel: (63) 2 9202211
Fax: (63) 2 9269712
E-mail: diane@pemsea.org

Huming Yu

Senior Programme Officer
GEF/UNDP/IMO Regional Programme-PEMSEA
DENR Compound
Visayas Ave., Quezon City
Tel: (63) 2 9202211
Fax: (63) 2 9269712
E-mail: humingyu@pemsea.org

Belyn Rafael

Technical Assistant , ICM
GEF/UNDP/IMO Regional Programme-
PEMSEA
DENR Compound
Visayas Ave., Quezon City
Tel: (63) 2 9202211
Fax: (63) 2 9269712
E-mail: brafael@pemsea.org

PEMSEA	1. Dr Huming Yu	Senior Programme Officer
--------	-----------------	--------------------------

		<p>GEF/UNDP/IMO Regional Programme-PEMSEA DENR Compound Visayas Ave., Quezon City Tel no. (632) 920-2211 Fax no. (632) 926-9712 e-mail: humingyu@pemsea.org</p>
	2.Ms. Diana Factuar	<p>Training Officer GEF/UNDP/IMO Regional Programme _PEMSEA DENR Compound Visayas Ave., Quezon City Tel no. (632) 920-2211 Fax no. (632) 926-9712 e-mail: diane@pemsea.org</p>

pdfMachine

A pdf writer that produces quality PDF files with ease!

Produce quality PDF files in seconds and preserve the integrity of your original documents. Compatible across nearly all Windows platforms, simply open the document you want to convert, click "print", select the "Broadgun pdfMachine printer" and that's it! Get yours now!