



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DENR SPECIAL ORDER NO. 432 Series of 1993

APR 06 1993

SUBJECT: Authorizing the Participation of IEDs for Research and Some DENR Personnel in the (a) Training Workshop Cum Study Tour on Coastal Resources Management, and (b) Research Sector Management Conference on April 12-16, 1993

In the interest of the regular and effective with the institutional exchange of information, the capability of personnel to plan and implement projects and development projects on priority areas, and the particular need for a coastal resources management, environmental education, and research program, the Director, DENR, has authorized the participation of IEDs and DENR personnel in the Training Workshop and Study Tour on Coastal Resources Management and Research Sector Management Conference on April 12-16, 1993 at the DENR Regional Office, Cebu, Philippines.

The Training Workshop and Study Tour on Coastal Resources Management shall be conducted jointly by IEDs and DENR personnel with the cooperation of the Marine Science Institute, DOST, Cebu, and other IEDs and DENR personnel. The Training Workshop will be conducted in Cebu, Philippines, and the Study Tour will be conducted in the coastal areas of Cebu, Philippines, April 12-16, 1993. The purpose of the Training Workshop and Study Tour is to provide an opportunity for DENR personnel to learn about coastal resources management and research, and to exchange information and experiences with DENR personnel from other DENR offices.

The Training Workshop and Study Tour will be conducted in Cebu, Philippines, and the Study Tour will be conducted in the coastal areas of Cebu, Philippines, April 12-16, 1993. The purpose of the Training Workshop and Study Tour is to provide an opportunity for DENR personnel to learn about coastal resources management and research, and to exchange information and experiences with DENR personnel from other DENR offices.

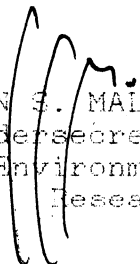
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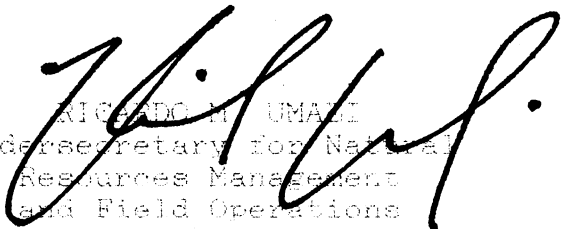
Attached is a copy of the Training-Workshop Cum
Study Tour Program of Activities for reference.

For your compliance.


ANGEL C. ALCALA
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RECOMMENDED BY:


BEN S. MALAYANG III
Undersecretary for
Environment and
Research
A


RICARDO M. UMALI
Undersecretary for Natural
Resources Management
and Field Operations

Participants to the Training-Workshop Cum Study Tour on Coastal
Resource Management and Research Sector Management Conference
on April 12-15, 1993

1. DENR - Central Office

Hon. Secretary Angel C. Alcala

Dr. Ben S. Malavang III
USEC for Environment and Research

Dr. Carlos Tombo,
Special Assistant to USEC for Environment and Research

RED Al Rashid Ishmael
Chairman, CRMP

One Representative each from PPSO, FOO and BRO

2. DENR Regional Research Offices (ERDS)

RTD Florendo Barangan	-	Region 1
RTD Benjamin Tumalian	-	Region 2
RTD Remilio Atabay	-	Region 3
RTD Eduardo Principe	-	Region 4
RTD Eustaquito Tandug	-	Region 5
OIC, RTD Nicolas Oriarte	-	Region 6
RTD Diosdoro Melara	-	Region 7
OIC, RTD Franco Lapis	-	Region 8
RTD Maximino Generalao	-	Region 9
RTD Pepito Garcia	-	Region 10
RTD Bonifacio Apura	-	Region 11
OIC, RTD Nilo Lagura	-	Region 12
RTD Vicente Veracion	-	CAR
RTD Celso Diaz	-	NCR

3. ERDS Officials

OIC-Director Emilio Rosario
OIC-Assst. Director Niverto Edeacio
Hon. Levi Florido
Hon. Gregorio Reyes
Dr. Leovina Tandug
Dr. Gloria Dicknot
Engr. Santiago Bacangula
Mrs. Emelda Rojo
Ms. Editha Eusebio
Atty. Warlito Natividad

Secretariat and Coordinators/Facilitators

CZFERD Staff
PMISU Staff
Training Staff

**Training-Workshop on Coastal Resources Management
for DENR
12-14 April 1993**

Program of Activities

Monday, 12 April (PCARRD)

- 8:00 Registration
- 9:00 Opening Ceremony
 - National Anthem
 - Invocation
 - Welcome Remarks, R. D. Guerrero III
 - Opening Remarks, E. Rosario
 - Introductions
 - Workshop Guidelines
- 10:00 Coffee Break
- 10:15 The CRM process, M. C. Balgos ✓
- 12:15 Lunch
- 1:00 Video-showing: Coral Triangle; Saving our Coral Reefs for Future Generations
- 1:30 Regulatory and non-regulatory techniques in CRM, M. C. Balgos *Wangme ecosystem - SM Balgos*
- 2:00 Habitat protection and enhancement: ~~Mangrove~~ and seagrass ecosystems, M. D. Fortes ✓
- 3:00 Coffee Break
- 3:15 Habitat protection and enhancement: Coral reefs and associated ecosystems, W. L. Licuanan ✓
- 4:15 Case Exercise: The Lingayen Gulf - An Endangered Bay
- 6:00 Briefing for field trip
- 6:30 Reception and dinner at the Jade Vine, PCARRD

Tuesday, 13 April (Batangas)

Field Trip: Assessment of the status of CRM in the area

Wednesday, 14 April (PCARRD)

- 8:30 The CRM Process continued, M. C. Balgos
- 10:00 Coffee Break
- 10:15 Community-based CRM and the Lingayen Gulf Experience, E. M. Ferrer ✓
- 12:15 Lunch Break
- 1:00 Tools and Techniques for Assessment of Coastal Resources:
 - EIA, M. M. Acedera ✓
 - GIS, S. S. Salacup
- 3:00 Coffee Break
- 3:15 - Stock assessment, C. R. Pagdilao
- 4:15 Rural Enterprise Development in the Coastal Areas, D. Gorrez
- 5:00 Wrap-up
- 5:15 Closing Ceremony

Case Exercise: The Lingayen Gulf - An Endangered Bay

Methodology:

Part A. 1. Divide the trainees into five groups, representing:

Environmentalists
Commercial fishermen,
Coastal aquaculturists, other coastal industries
reps.
Sustenance fishermen
Government officials

2. Instruct group members on their roles and request that while they discuss the case exercise, they

(a) identify their constituents' key concerns and objectives in the Lingayen Gulf from the following perspectives:

- i. political
- ii. population
- iii. environmental
- iv. health

(b) represent these concerns and objectives to the other trainees in a 5-minute presentation.

Part B. 1. Shedding the roles represented, propose management strategies (including policy development) and specific actions for each strategy.

2. Formulate an institutional structure for implementation.

FIELD TRIP: Batangas

Places to be visited:

1. Mabini: - sanctuary
 - where mooring buoys are used
 - where impacts of tourism are apparent
2. Industrial side of Batangas/Balayan Bay

Tasks:

1. Practice the use of bio-physical and socio-economic indicators in rapidly assessing the CRM status in a locality
2. Exercise:
 - a. Define the issues in the locality
 - b. Identify the stakeholders
 - c. Summarize management program (institutional arrangement, policies, management tools and techniques)
 - d. Define the constituency for the management program
 - e. Assess program implementation (successes and failures, constraints and opportunities, recommendations for improvements)