

**Report of On-site Training/National Workshop on Capacity  
Building for Coastal Resources Management and Establishment  
of Marine Fishery Resources Protection Areas in Vietnam  
2 – 4 August 2006, Quang Binh, Vietnam**



**Southeast Asian Fisheries Development Center  
The Secretariat**

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Regionalization of the Code of Conduct for Responsible Fisheries Management

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**On-site Training/National Workshop on Capacity Building for Coastal  
Resources Management and Establishment of Marine Fishery Resources  
Protection Areas in Vietnam  
2-4 August 2006  
Quang Binh, Vietnam**

Key Words: Coastal Resources Management, Marine Fishery Resources Protection Areas (Concepts, Approaches and Linkages with Coastal Resource Management, Establishment Requirements, Development Plan and Supporting HRD).

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## **I. INTRODUCTION**

1. On-site Training/National Workshop on Capacity Building for Coastal Resources Management and Establishment of Marine Fishery Resources Protection Areas in Vietnam was co-organized by SEAFDEC and the Ministry of Fisheries in Quang Binh Province from 2 to 4 August 2006.
2. Objectives of the Training/Workshop were:
  - To develop a plan to address/implement a process for establishment of marine fishery resources protection areas (fisheries refugia) by integrating into locally-based fisheries management;
  - To enhance coordination among ongoing agencies in coastal zone to develop common direction for CZM in Vietnam as well as in-country collaborative mechanism to implement/promote fisheries refugia;
  - To develop plan to support future process for integrated LCZM based in Quang Binh experience;
  - To identify capacity building needs and activities including HRD supporting materials, and
  - To assist in developing national strategic plan/direction for HRD in fisheries management.
3. The participants attended the Training/Workshop were fisheries officers Quang Binh, Kien Giang and Hai Phong provinces. Participants attended were also resource persons from the Ministry of Fisheries and projects related to coastal resources management (IUCN-Vietnam, MOFI MPA Project, and WWF-Vietnam) as well as representatives from SEAFDEC Secretariat. The list of participants appears as Annex 1.
4. The Agenda, which appears as Annex 2 was adopted.

## **II. BACKGROUND AND RATIONALE OF THE TRAINING/WORKSHOP**

5. Under the collaborative arrangement between SEAFDEC and Sida, the “Project on Capacity Building for Human Resource Development on the Support to the Implementation of the Code of Conduct for Responsible Fisheries (CCRF) in the ASEAN Region” was initiated since 2003. The project aims primarily at enhancing human capacity to implement the CCRF through the implementation of “pilot

process” in four selected countries, namely Cambodia, Indonesia, Thailand and Vietnam. The pilot process is as an approach to define HRD needs and actions to enhance human capacity at national level, which will provide a basis for sharing of experience at the regional level.

6. As part of the pilot process in Vietnam, this Training/Workshop was conducted as a follow-up to the results of a series of project activities in Vietnam, including:

- National Workshop on Human Resource Development for Fisheries Management in Vietnam held in Hai Phong Province from 5 to 6 October 2005; and
- On-site Training/National Workshop On-site Training/National Workshop on Capacity Building for the Establishment of “Fisheries Refugia” and Coastal Resources Management in Phu Quoc Island, Kien Giang Province from 14 to 16 June 2006.

7. This Training /Workshop intended to clarify current status and needs of capacity building to support coastal resource management with particular emphasis given to the establishment of marine fishery resources protection areas. The Training/Workshop also made links to the outcomes and lessons learnt of earlier organized activities of which the following were highlighted:

- The Code of Conduct for Responsible Fisheries (CCRF) and Regional Guidelines for Responsible Fisheries in Southeast Asia (RCCRF) are instruments that have been embedded in the fisheries law of Vietnam.
- The fisheries law provides a new framework for development planning and management of fisheries of which capacity building needs to be addressed.
- There is a need to incorporate fisheries management particularly in coastal areas into national development. This could be done through the promotion of close coordination among projects/initiatives to achieve ultimate goal of development in fisheries sector of Vietnam and to avoid duplication efforts.
- Important elements of a coastal resources management (CRM) system include
  - Understanding of CRM principle
  - Development of supporting legal frameworks for concerned coastal activities
  - Conflict resolution among coastal activities
  - Community participation and their capacity building for better planning and implementation of CRM
- Concept of “fisheries refugia” (fisheries resource protection areas) has been introduced to give due consideration to the livelihoods and sustainable utilization of coastal resources.
- Conservation/management of aquatic species should be incorporated into the coastal resource management plan which includes the use of “fisheries refugia” as a management tool.
- Capacity development supporting materials for fisheries refugia and CRM developed by various projects/initiatives are readily available and should be mobilized.
- Alternative/supplementary livelihoods for community members who affected by the implementation of the new fisheries law and the establishment of fisheries refugia should be incorporated in the development of future fisheries management systems.

### **III. COASTAL RESOURCE MANAGEMENT WITH EMPHASIS GIVEN TO THE ESTABLISHMENT OF MARINE FISHERY RESOURCES PROTECTION AREAS IN VIETNAM**

8. As a basis for sharing experience and discussion on the capacity building for the establishment of marine fishery resources protection areas and coastal resource management in Vietnam, the following projects/initiatives were presented at the Training/Workshop:

- Challenges for Sustainable Development of Vietnam Fisheries Resources by Mr. Dang Van Thi, RIMF
- Vietnam Waters Bio-diversity: Status-quo; Challenges and Solutions by Dr. Dao Manh Son, RIMF
- Marine Protected Areas: Definition and Approaches by Ms. Nguyen Giang Thu, MPA Project, MOFI
- Direction to Implement the Circular Letter No2 on Utilizing Marine Fisheries Resources by Mr. Nguyen Viet Cuong, NADAREP
- FAO's Pattern in Regional Project Implementation by Mr. Duong Long Tri, FICEN
- Application of ICM in Thua Thien Hue: Lessons Learnt by Mr. Nguyen Quang Vinh Binh, Hue DOFI
- Experience and Research of Hue University of Agriculture and Forestry (HUAF) by Mr. Nguyen Ngoc Phuoc, HUAF
- Eco-system Management by Mr. Nguyen Xuan Niem, UNEP
- Presentation on the Output of Hua Hin Expert Meeting in Development of HRD Supporting Materials and Proposed HRD Package in Vietnam by Ms. Nhung, ICD

#### Overview of Fisheries in Vietnam and its Development Planning and Management

9. Due to the vast development and lack of proper planning and management, the fisheries sector in Vietnam has encountered with drastic degradation of coastal habitats and fisheries resources due to overcapacity and unsustainable fishing practices particularly in the coastal areas. The Vietnamese Government has over the years worked towards better management and protection of marine resources and biodiversity. The important milestone of such efforts was the enactment of Fisheries Law in 2004 as well as subsequent Sub-Decrees/Circular Letters. In line with the Fisheries Law, "Fisheries Resources Protection and Development Program to 2010" (thereafter called "113 Programme") was approved since 2004.

10. Under the 113 Programme, priority issues of management and protection of fisheries resources and environment/habitats includes policy review and implementation mechanism for the fisheries sector, establishment of fisheries management zones (including a 15-site marine protected area (MPA) system), offshore fisheries development, responsible fishing practices and associated rules and regulations, integrated community management through capacity building, and widening international cooperation.

## Marine Protected Areas: Definition and Approaches

11. While noting the terminology in Vietnamese as agreed at the last on-site training/workshop that MPAs/fisheries refugia can be generally referred to as “Fisheries Resources Protection Areas”, MPAs is a useful tool to promote management and protection of fisheries resources and habitats as well as to provide means of livelihoods for people in coastal areas. To ensure establishment of successful MPAs, issues to be addressed include

- Policy and institutional support
- Site selection – location and size
- Inter-relationship of important habitats and critical life-cycle stages of commercially exploited species
- Establishment of MPA network to support the exchange of experience and ensure wider “spill-over” effects
- Capacity building – target groups, requirements and supporting materials
- Adoption of supporting management and protection measures for resource utilization around MPA areas

## Proposed HRD Packages for Fisheries Management in Vietnam

12. Based on the discussion concluded at the Expert Meeting on HRD in Support of Fisheries Management, Vietnam, as being one of the pilot process countries, had proposed four sets of HRD packages, which would be further discussed and elaborated in this Training/Workshop. The packages are

- Consultation/Workshop on Use of LFA in Fisheries Management Planning
- Awareness Raising for Local Community in fisheries Resources and Habitat Protection
- Co-management “Learning-by-Doing”
- Fisheries Conservation and Marine Protected Areas (MPAs)

## Strengthening Capacity Building for Information Gathering for Fisheries Management

13. The project is implemented by FAO Regional Office in the Asia-Pacific with funding support from Sida. Implemented in four countries, namely Cambodia, Timor-Leste, Thailand and Vietnam, the project aims primarily at enhancing capacity of managers in information gathering for management and sustainable development of fisheries sector.

## Integrated Management of Lagoon Activities (IMOLA) in Thua Thien and Hue Provinces

14. The project is funded by the Government of Italy with the objective to develop and implement an integrated lagoon management plan, built through stakeholder consensus, which balances the sustainable use of the lagoon resources with the livelihoods and needs of the resource users. The project builds upon the coastal resources management by strengthening local fishery associations.

15. HUAF also undertakes a project on community-based coastal resource management in Tam Giang lagoon. The project is developed based on the concept of

participatory resource management, community learning and dialogues, livelihoods improvement and environmental protection.

#### **IV. QUANG BINH PROVINCE: OVERVIEW OF FISHERIES AND COASTAL RESOURCE MANAGEMENT**

16. As background information and a basis for discussion on capacity building for the establishment of marine fishery resources protection areas and coastal resource management in Quang Binh, the following presentation were made:

- Coastal Resources Management in Quang Binh Province, by Ngo Van Khoi, Quang Binh DOFI
- HRD for Fisheries Management in Quang Binh by Mr. Le Van Thua, Quang Binh DOFI
- Establishment of Fisheries Resources Protection Areas in Quang Binh and Proposed Assistance by Mr. Ngo Van Khoi, Quang Binh DOFI

17. With the coastline of 116.04 km and 5 riverine systems, Quang Binh homes of diversified coastal habitats and valuable coastal resources. In 2005, fisheries production reached 25,000 tons per annum, in which coastal fisheries resources contribute 30%. In response to the current degradation of coastal fisheries resources, the Provincial People's Committee (PPC) has issued a program for fisheries resources protection and development to the year 2010. The program addresses the illegal and destructive fishing as well as regular monitoring of fishing operations, improvement of licensing system for fishing boats and restocking activities.

18. At present, Quang Binh province does not have appropriate management system (zoning, access rights for resource users) in place, law enforcement is still weak and people's awareness and responsibility for fisheries resources protection is limited. These obstacles are resulted from lack of capable personnel and resources as well as insufficient awareness and recognition on the importance of fisheries resources protection.

19. In view of future improvement of fisheries resources management, it was suggested that the following issues would have to be addressed:

- Clearer regulations on fisheries resources protection
- Clear policy for decentralization of management and right-based fisheries system
- Sufficient financial and resources support for the resources protection and management
- Strengthening of awareness building, capacity development and education
- Developing a community-based management model for fisheries resources protection.

20. With respect to strengthen fisheries resources protection and management in Quang Binh Province, the following HRD needs have been identified:

- Sufficient number of qualified fisheries managers in sustainable fisheries production and trading with due consideration on modernization and industrialization of the fisheries sector



- Capacity building and education includes various forms of activities ranging from formal education to training, local workshops/seminars and demonstrations, study tours and field trips
- Subject areas include
  - Dissemination and propagation of fishery law and relevant legal documents related to fisheries resources protection
  - Strengthening of management capacity, fisheries extension programme, and at sea safety programme
  - Diversification of livelihood
  - Capacity building for local management institutions

21. In view of establishing fisheries resources protection areas, Quang Binh DOFI has developed a proposal, which focuses on areas around 5 main islands and reef system in Hon La and Hon Nom areas. The proposal includes:

- Protection, rehabilitation and development of valuable and endangered species and protection of breeding and nursing seasons
- Setting up regulation to manage, protect and rehabilitate valuable and endangered species by conserving coral ecosystem, sea grass and biodiversity of coastal area
- Raising awareness and capacity building
- Integrating fisheries resources protection to tourism activities

22. The Provincial People Committee has approved the “Hon La – Hon Nom Fisheries Resources Establishment” programme with the estimated budget of 13 billion VND. Considering that only 60% of the annually planned budget is provided by the government, Quang Binh DOFI is seeking assistance in the following areas in order to pursue the implementation of the programme,:

- Re-survey of the proposed area
- Awareness building activities targeted at fishers, students on the importance and need of marine ecosystem protection
- Enhancing management capacity in terms of equipment and facilities
- Developing a model of community-based management in the fisheries resources protection areas
- Capacity building activities in the forms of training and study tours
- Diversification of livelihoods and alternative income generation

23. In the discussion, the Training/Workshop suggested that Quang Binh DOFI should consider the following issues in their future undertaking to implement fishery resources protection:

- Actions against illegal taking of black coral, which has threatened the well-being of coral system
- Awareness building on the legal instruments particularly targeting at fishers and fishery managers

## **V. HRD MATERIAL FORMULATION PLAN AND ESTABLISHMENT OF COMMUNITY ORGANIZATIONS IN COASTAL RESOURCES MANAGEMENT INCLUDING ESTABLISHMENT OF FISHERIES PROTECTED AREAS UNDER THE SEAFDEC-SIDA PROJECT SUPPORT**

24. The Training/Workshop was requested to discuss on HRD Materials formulation, its plan, and establishment of community organizations in coastal resources management. The discussion also included proposal and plan for establishment of fisheries protected area (in the concept of “Fisheries Refugia”) and the estimated budget for the activities implementation; consisting of three group (1) Quang Binh; (2) Kien Giang and (3) Hai Phong. The results of the group discuss appear as *Annex 3*.

## **VI. CLARIFICATION OF NEXT STEP FOR SEAFDEC-SIDA HRD PROGRAM IN VIETNAM**

25. According to the SEAFDEC-Sida program plan, the Training/Workshop was informed of the future planned activities as follows:

- The proposal for continued support from Sida to SEAFDEC was underway. The proposal will focus on issues related to management of fishing capacity and establishment of fisheries refugia in the region. It was envisaged that the outcome of group discussion will provide a basis for further elaboration for follow-up activities in Vietnam under the new Sida supported project.
- SEAFDEC-Sida and UNEP/GEF/SCS Joint Workshop on Establishment of Fisheries Refugia was under discussion. The workshop aims at discussing on common issues in the establishment of fisheries refugia and collaborative mechanism for the management of fisheries refugia among Koh Chang – Thailand, Cambodia, and Phu Quoc, Vietnam
- Regional Technical Consultation on HRD Support to Fisheries Management in Southeast Asia is planned to be held in Phuket, Thailand to present experience in the four pilot process countries and identify recommendations for future support from SEAFDEC-Sida collaboration.
- After the finalization process of the project proposal of the new Sida supported project, confirmation of activities to be conducted in Vietnam would be conducted in early 2007.

## **VII. CLOSING OF THE TRAINING/WORKSHOP**

26. Dr. Siri Ekmaharaj, SEAFDEC Secretary-General underlined the importance of human resource development as a key element of success in the implementation of fisheries development and management programs. He reiterated SEAFDEC seriousness in providing continuous support to the Vietnamese government in area of human resource development on capacity building for coastal resources management and establishment of marine fishery resources protection areas. Through this training and workshop, he hoped that the participants find the activities productive and useful, and further bring its advantages back to develop and improve the current activities in their respective areas.

27. Dr. Vu Van Trieu, Acting Director, International Cooperation Department, MOFI thanked the participation of representatives from Hai Phong, Quang Binh and Kien Giang provinces. The Workshop supported by SEAFDEC-Sida project has provided a platform for exchange of experiences and formulation of future plan. He encouraged all participants to apply the experience obtained and lessons learnt from the Training/Workshop in their respective working context. He also requested continued support from SEAFDEC in supporting capacity building for fisheries management in Vietnam particularly in the establishment of fishery resources protection areas.



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## AGENDA

### *Day One (2 August 2006, Wed.)*

1. Opening
2. Resource Presentations I: Lesson Learned from Project/Program Implementation based on experience in Quang Binh on coastal fisheries management, marine protected areas, etc. (presentation from MOFI, MOFI-Danida-MPA, WWF-Vietnam, IUCN-Vietnam, etc.)
3. Resource Presentations II: Coastal Resource Status in Quang Binh Province

### *Day Two (3 August 2006, Thu.)*

4. Group Discussion and Presentation of their Results (3 groups): Plan and progress of the establishment of fisheries refugia in North, Central and South of Vietnam

### *Day Three (4 August 2006, Fri.)*

5. Wrap-up session
6. Closing/Clarification of the next step for SEAFDEC-Sida HRD program in Vietnam
7. Field trip

## **RESULTS OF THE QUANG BINH GROUP DISCUSSION**

1. Plan of Fisheries Resources Protection Area (FRPA) establishment in Quang Binh (or fish Refugia) and the establishment of local organisation for FRPA management.

■ Protection Project: (06'-10')

- Drafting the project outline (Quarter 4 2006): Need the international and national specialists.
  - » Research, planning, setting up the feasible project : (Human resources and budget: 10.000 USD)
    - Status assessment
    - Zoning plan for protection.
- Submitting to the approval levels “Q4-06’
- Project implementation (07'-10')
- » Project management board establishment (07')
- » Operation regulation for Project management board
- » Regulation for protected zones
- » Protection plan: Coordination mechanism between local authorities and communities

2. Discussion on the contents, plan and estimated budget on setting up report on Fish Refugia establishment (on going or under planned), providing comment and directions on HRD for fisheries resources management as well as proposing the HRD activities in line with the SEAFDEC –Sida project’s objective

■ Research, survey to define which kinds need protecting as well as protection scope

- Specialist: biology: ,mapping, protection ...
- Vessels and equipments
- Expenses for field trip and surveys.
- Report
- Project appraisal

(Estimated budget: 60.000 USD)

3. Discussion on contents relating the HRD packages including:

[a package to test potentially effective model(s), implementation and feedback mechanisms]

■ Plan of increasing awareness for localities in fisheries resources protection and fish refugia through propagation and Simple slogans via tv & media, posters, picture story and estimated budget

Local organisation (80.000 USD)

- Specialists:
  - » Assistance in establishment of fisheries associations
  - » Workshop, training courses, study tours.

- » Planning with the involvement of communities
  - » Organisation and training for communities leaders
  - » Building houses for community's activities
- Disseminating information to local communities (30.000 USD)
  - » Leaflets, poster
  - » Dissemination
- Co-management "learning-by-doing", discussion on community based management model based on the experience in Vietnam, implementation plan and estimated budget
  - Strengthening capacity for fisheries managers. (50.000 USD)
    - Training curriculum based on the lessons learnt in Vietnam
    - Training courses and study tours
    - Technical equipments
  - Community based management model
    - Setting up the institutional and legal framework at the central level and community level
    - Operation organisation
    - Monitoring
  - Livelihood conversion for fishermen
    - Conversion plan
    - Model, training
    - Support for conversion

### DISCUSSION RESULTS KIEN GIANG GROUP

**Estimated Budget: 4 Billion VND (Source: Central, Local Authorities and International Donors)**

| No.          | Activities   | Duration        | Budget       |
|--------------|--|-----------------|--------------|
| 1            | Eco-social surveys   | 09 to 10/2006   | 50           |
| 2            | Designing report on submitting proposal of establishing marine resources protection area (workshops and selecting related sector and people comments). | 09 to 12/2006   | 100          |
| 3            | Formulating management regulations(workshops and selecting related sector and people comments).  | 01 to 2/2007    | 100          |
| 4            | Building infrastructure (leaving zoning buoy....)  | 01 to 12/2007   | 450          |
| 5            | Educating and strengthening capacity for officials and communities (50 fisherman and 50 officials)   | 01 to 12/2007   | 200          |
| 6            | Printing materials for propagation to improve awareness of people (10.000 man-times).  | 09/2006 to 2009 | 200          |
| 7            | Study tours (4 internal course, 2 external course for 60 man-time)   | 01 to 03/2007   | 400          |
| 8            | Livelihood Introduction, Job change ..... during banned season   | 2006 to 2007-09 | 300          |
| 9            | Assisting to establish organizations of fisherman, involving in marine resources management (5 groups; 10 persons/group)                               | 6/2007 to 2009  | 100          |
| 10           | Implementing management supervision with communities participation   | 1/2007 to 2009  | 400          |
| 11           | Monitoring on effectiveness of the model duplication   | 2007 to 2009    | 500          |
| 12           | Hiring specialist to support in the field of technical in 3 months   |                 | 200          |
| <b>TOTAL</b> |  |                 | <b>3,000</b> |

**DISCUSSION RESULTS  
HAI PHONG GROUP**

**I. STATUS OF FISHERIES RESOURCES IN HAI PHONG AND BACH LONG VI : OVERVIEW**

**ADVANTAGES :**

- Its coastline lengthens 125km
- The fisheries reserve is high. The statistic selected before 1990 showed that Abalone production normally reached by 40-50 tons/year. The recorded figure on Red Grouper production said there were more than 1000tons/year of exploitation and the fish size could reached by 50kg/fish.
- It possesses a biodiversity habitat with more than 412 species of marine fish, 94 species of coral, 46 species of seaweed in which there are lots of species have high economic value as 9 hole abanlon, black holothurian, red grouper.

**DISADVANTAGES :**

- At present, we are bearing the huge pressure of exploitation. There are many fishing fleets ; especially the coastal fishing fleets that are seriously harmful to marine habitat. And,
- Destructive fishing activities
- The pressure of industrial cities
- The exploitation and damage over protective forests produce bad effects on marine species habitat
- Since 1995, we have been carrying out surveys on nursing grounds which are far away from the shore by 6 meters (called as coastal nursing grounds).

From the gained results of these surveys, there has been a project carried out in Phu Long – Cat Hai since 2001. After 4 years of implimentation, the project has replenished the marine resources, making an increase in fishing capacity and a reappearance of some valuable - scare species as well as the improvement of fisherman awareness. In this area, fisherman play the role of owner, they develop plans and actions by themselves.

Thereof, this management model was handed over for Bach Long Vi Protected Area aiming at the replenishment of abalon, red grouper, coral habitat and seaweed resources.

Bach Long Vi Island backgroud : It is far 130 km from mainland, locates within Tokin Gulf, being the the main fishing ground of the gulf. This island has a defend-economic strategic postion. It is the refugia for the great deal of high value marine species as well as providing place living stock for the coastal areas of Tokin Gulf. During the passed time, It has been for the collaboration among Navy Forces, Assaulting Youth, Local Authorities and Local Fisherman Communities, the inspection on abalon exploitation has been done strictly. Therefore, people is witnessing the recovery of marine resources after a short period of implementation.

## **II. Plans for the coming time**

- ✓ To establish the marine resources refugia in Bach Long Vi Island
- ✓ Named : Bach Long Vi – Hai Phong Marine Resources Refugia
- ✓ Estimated Budget : 5 billion VND

### 1. Objectives

- ✓ Protecting, Replenishing and developing nursing grounds, spawning grounds as well as living areas of high value and scare marine species as abanlon, red grouper.
- ✓ Reducing the exploitation pressure in protected areas and preventing the situation of coral habitat and seaweed degradation.
- ✓ Increasing people awareness on marine resources protection and management collaboration among competent authorities, communities on utilization of marine resources.
- ✓ Maintaining the livelihoods for fisherman who mainly depends on marine resources in protected areas.

### 2. Scope and Duration

- ✓ Scope: the North and North-east of Bach Long Vi Island
- ✓ Duration: 2007 – 2010

### 3. Contents

- 3.1 Carrying out surveys on data to assess the ecosystem status in Bach Long Vi
- 3.2 Strengthening the awareness and management capacity on marine resources protection for local communities
- 3.3 Strengthening capacity for officials of competent authorities
- 3.4 Researching on recovery, replenishing, protecting and developing species and habitat that were mentioned in 1. Objectives
- 3.5 Formulating the regulations and training human resource for marine resources protected area
- 3.6 Identifying the appropriate livelihoods for local fishermen who lives in protected area.

### 4. Workplan

| <b>No</b> | <b>CONTENTS</b>   | <b>DURATION</b> | <b>ACTIVITES</b>  |
|-----------|---|-----------------|---|
| 1.        | Status investigation  | 1-6/2007        | - DOFI, PPC of Bach Long Vi, RIMF, Institute of Marine Environment and Resources                        |
| 2.        | Awareness strengthening for local communities                 | 1/2007-12/2008  | - workshops<br>- training courses and leaflet handing out   |
| 3.        | Capacity Strengthening for officials in competent authorities | 1/2007-12/2008  | - Training at all levels from provincial to local<br>- Improving the equipment of competent authorities |
| 4.        | Recovery, replenish, protect and develop                      | 6/2007- 12/2010 | - Identification of destructive fishing   |

|    |   |                |  |
|----|---|----------------|--|
|    | high value species and habitat                      |                | - Buiding stock hatchery   |
| 5. | Regulations Formulating and human resource training | 1/2008-12/2010 | - Holding workshops: working with related authorities to formulate the regulations on limiting and forbiding several fishing activities; forbiding fishing activities seasonally ; also providing fleets capacity, dimension for the fleets that fish in protected<br><br>- Training for human resources<br>- Propagating the regulations via worshops, leaflet, posters,..... |
| 6. | Livelihoods Identification for fisherman            | 2008-2010      | - Establishing eco-tourism area creating more livelihood for communities<br>- Introducing new occupation for fisherman who earns by destructive fishing activities   |

#### 5. Estimated Budget

| No           | CONTENTS  | BUDGET<br>(MILLION VND) |
|--------------|---|-------------------------|
| 1.           | Status investigation  | 500                     |
| 2.           | Awareness strengthening for local communities                           | 700                     |
| 3.           | Capacity Strengthening for officials in competent authorities           | 1 200                   |
| 4.           | Recovery, replenish, protect and develop high value species and habitat | 1 500                   |
| 5.           | Regulations Formulating and human resource training                     | 500                     |
| 6.           | Livelihoods Identification for fisherman                                | 600                     |
| <b>Total</b> |   | <b>5 000</b>            |

### III. Related Issues :

1. Improving the awareness of local communities on marine resources protection and refugia by propagating via mass media, posters, cartoon, etc.



| <b>No</b> | <b>ACTIVITIES</b>  | <b>DURATION</b> | <b>BUDGET<br/>(Million VND)</b> | <b>NOTES</b> |
|-----------|--|-----------------|---------------------------------|--------------|
| 1.        | Materials for propagation<br>- Posters<br>- Television Newsreport<br>- Leaflet<br>- News on radio<br>- Mass media<br>- Manual for fisherman<br>- Holding the contest on knowledge of marine resources protection | 01-12/2007      | 3 000                           |              |
| 2.        | Training courses, meetings, workshops  | 2007-2009       | 1 000                           |              |
| 3.        | Study tour, field trip   | 2007-2009       | 300                             |              |
| Total     |  |                 | 4 300                           |              |

## **2. Establishment of coastal resources management**

Hai Phong DOFI carried out the thesis on Coastal Fisheries Resources Management at the distance of 6 meters based on community from the shore since 2001, this thesis gained encouraging and good achievements. This model is needed to assess generally in order to duplication in others provinces.

| <b>No</b> | <b>ACTIVITIES</b>   | <b>DURATION</b> | <b>BUDGET<br/>(Million VND)</b> | <b>NOTES</b>                 |
|-----------|---|-----------------|---------------------------------|------------------------------|
| 1.        | Assessing the project on fields as follows:<br>Recovery Capacity<br>Communities Livelihoods<br>Management Effectiveness<br>Stakeholders | 01-06/2007      | 200                             |                              |
| 2.        | Meetings, workshops to share experiences, lessons   | 06- 12/2007     | 300                             | at local and national levels |
| 3.        | Duplication of model  | 2008-2009       | 1 500                           | among Hai Phong              |
| Total     |   |                 | 2 000                           |                              |