

Report of

*The International Training Course for
Fishery Extension Officers in*

Extension Methodology and Coastal Fisheries Management

4 June - 18 July 2001

by

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Course Report of The International Training Course for Fishery Extension Officers in Extension Methodology and Coastal Fisheries Management

1. Background

The primary aim of fisheries extension is to encourage groups of small-scale fisherfolk and rural fishing communities into sustainable and peaceful co-existence with their fisheries. There are several ways of to strengthen the extension service systems, which are designed to transfer technology to the fishermen, to improve their awareness of their ecological responsibilities and to raise their socio-economic status and living conditions. It is evident that, at present, most extension service systems are inadequate for these purposes and must be improved.

To upgrade these regional systems, several problems must be overcome. One problem is that officers employed for this task lack the skills to communicate, disseminate and demonstrate the necessary information. This situation would be improved if innovative training on communication and dissemination techniques, and extension methodology were given.

The Training Department of the Southeast Asian Fisheries Development Center has conducted regional training programs for fishery extension officers since 1981. The Training Programs have so far produced some 511 trained personnel efficient in fishery extension methodology from many countries in South and Southeast Asia and Africa.

For this year of 2001, the Training Department organized an international training course for fishery extension officers from 4 June to 18 July 2001 with particular emphasis on extension methodology and coastal fisheries management. The importance of the extension services underline the need for creating awareness of fisherfolk to conserve and improve their fishery resources. The fishing communities or the grassroots organizations can play an important role in managing and developing their coastal resources. This training course aims to acquaint participants with the skills necessary to organize and manage their information transfer to grassroots organizations and rural fishermen. Good extension training enables the participants to carry out marine fishery extension programs and tackling fishermen's problems from the bottom up.

Invitations for the nomination of participants were sent to 11 Countries: Brunei Darussalam, Cambodia, Indonesia, Laos, Malaysia, the Maldives, Myanmar, the Philippines, Thailand, Vietnam, and to the Columbo plan. All Countries and the Columbo plan responded, the eventual number of participants being as follows:

Brunei Darussalam	2
Cambodia	2
Indonesia	2
Iran (Columbo plan)	1
Laos	1
Malaysia	2
The Maldives	2
Myanmar	2
The Philippines	2
Thailand	4
Vietnam	2
SEAFDEC/TD	1
Total	23

2. COURSE CURRICULUM

Course Title: The International Training Course for Fishery Extension Officers in Extension Methodology and Coastal Fisheries Management, 2001

Duration: 4 June – 18 July 2001 (45 days)

Course Description:

The course covered various concepts and methodologies applicable to extension services including communication processes, media design and development techniques, principles and concepts of coastal fisheries management; community based fishery management, the co-management approach, small-scale fishery problems and constraints, participation in coastal fisheries management, and active research survey practice. Study trips to visit fishery industrial sites were also arranged.

Course Objectives

The objectives of this training course were to:

1. To impart the principles, concepts, techniques and methodologies in extension, communication and media production,
2. To strengthen practical competence in planning and carrying out extension work, by focusing on the essential participation of fishers and fishers' organizations, and
3. To familiarize participants with the principles and concepts of coastal fisheries management and the roles of fishing communities in the development and management of coastal fisheries.

Course Content

Content	days
I. Coastal Fisheries Management <ol style="list-style-type: none"> 1. Coastal Fisheries Development and Management in Southeast Asia 2. Coastal Fisheries Management concepts and approaches 3. The Effect of Environmental Pollution on Coastal Fishery Resources 4. The Legal Framework of Coastal Fisheries Management 5. The Code of Conduct for Responsible Fisheries 6. The Roles of Fishers and Fisher's Organizations in Coastal Fisheries Management 7. Visiting Fishing Sites in the vicinity of the Training Department 8. Visiting the Kung Kaben Bay Royal Development Study Center 	9
II. Extension <ol style="list-style-type: none"> 1. Fishery Extension 2. Extension Program Planning 3. Characteristics of Extension Agents. 4. Active Research for Extension Work 5. Visiting the Fisheries Extension Division, Department of Fisheries 6. Visiting the Agriculture Extension Department, Agriculture and Cooperatives Ministry 	12
III. Communication and Media Production <ol style="list-style-type: none"> 1. Communication and Media Planning 2. Techniques and Production Processes of Simple Media for Extension Work 3. Production of Audio-visual Media 4. Presentation Techniques 5. Visiting the Sukhothai Thammathirat Open University 6. Visiting the television Station Channel 7 	11
IV. Others (Excursions and Holidays)	13
Total	45

Note : a one-day period is equivalent to six training hours.

3. Course Syllabus:

Session I: Coastal Fisheries Management (9 days/54 hours)

Objectives; At the end of this session all participants should be able:

1. To understand the situation and trend of coastal fisheries development and management in Southeast Asia.
2. To identify factors influencing coastal fisheries management.
3. To define remedial approaches in fisheries management.
4. To understand and identify the roles of related sectors in coastal fishery management.

1. Coastal Fisheries Development and Management in the Southeast Asia (1.5 hrs.)

Resource Person: Mr. Panu Tavarutmaneegul

Outline: An overview of the present situation and trends in coastal fisheries development and management in the region; The policies of fisheries management in the Southeast Asian.

2. Coastal Fisheries Management concepts and approaches (6 hrs.)

Resource Person: Dr. Kungwan Juntarashote

Outline: An overview of the coastal fishery sectors in Southeast Asia: socio-economic and present situation of the small-scale fishermen, problems and constraints. An introduction to management concepts and approaches in the sustainable development of coastal fisheries; community based fishery management and co-management approaches.

3. Effects of Environmental Pollution on Coastal Fishery Resources (6 hrs.)

Resource Person: Dr. Suraphol Sudara

Outline: An introduction to coastal ecology systems in marine fishery. Impact of environmental degradation on coastal fishery resources. The degradation mitigation approach to improve the coastal fishery sectors.

4. The Code of Conduct for Responsible Fisheries and the Regionalization of the Code of Conduct for Responsible Fisheries (6 hrs.)

Resource Persons: Dr. Yasuhisa Kato and Mr. Bundit Chokesanguan

Outline: An introduction to the Code of Conduct for Responsible Fisheries. The Regionalization of the Code of Conduct for Responsible Fisheries Program. Responsible Fishing Technologies and practices.

5. Legal Framework in Coastal Fisheries Management. (6 hrs.)

Resource Person: Ms. Pongthong Onoura

Outline: The fishery and laws related to coastal fisheries management in the Southeast Asian Region. Problems and constraints of the existing laws in implementation and enforcement.

6. Roles of Fishers and Fisher's Organizations in Fisheries Management. (6 hrs.)

Resource Persons: Prof. Dr. Masahiro Yamao and Ms. Phattareeya Suanrattanachai

Outline: An introduction to the roles of fisher-organizations in coastal fishery management. The roles of extension agents in mobilizing fisher organizations. Case studies of fishers' organizations in coastal fisheries management.

7. Country Reports Presentation. (9 hrs.)

Resource Persons: IEDH, Course Coordinator and Course Staffs

Outline: A presentation by all participants on the fishery extension services and coastal fisheries management projects in their own countries.

8. Visiting the Fishing Sites around the Training Department (6 hrs.)

Resource Persons: Community Leaders

Outline: Visiting the Fishing Sites around the Training Department, including a Shrimp Farm, a Mud Crab Farm, followed by observations and discussions about the activities.

9. Visiting the Kung Kaben Bay Royal Development Study Center (6 hrs.)

Resource Persons: Representatives of the Center

Outline: Visiting Kung Kaben Bay Royal Development Study Center, at Chantaburi Province. An introduction to the Center, observations and discussions about the activities.

Session II: Fisheries Extension (12 days/72 hours.)

Objectives: At the end of this session all participants will able:

1. To acquire or refresh their knowledge and skills in extension concepts, approaches and methodologies.
2. To strengthen competence in program planning and research for extension work.
3. To create awareness in the participants of the importance of the participation of local people in coastal fisheries management.

1. Fishery Extension (6 hrs.)

Resource Persons: Asst. Prof. Dr. Savitree Rungsipath
and Dr. Supaporn Thaipukdee

Outline: An introduction to the development processes of extension approaches, the extension concept, extension methodologies (individual, group and mass methods) as well as the characteristics of extension agents.

2. Extension Program Planning (12 hrs.)

Resource Persons: Asst. Prof. Dr. Savitree Rungsipath
and Dr. Supaporn Thaipukdee

Outline: An introduction to the importance of extension program planning. Extension program planning processes and assignments.

3. Active Research for Extension Work (48 hrs.)

Resource Person: Mr. Suriyan Vichitlekarn

Outline: An introduction to the goals and processes of research for extension work. Field work practice, analysis, reporting and conclusions.

4. Visiting the Fisheries Extension Division, Department of Fisheries (3 hrs.)

Resource Person: Representatives of the institution

Outline: An introduction to the institution, fishery extension activities and approaches. Policy and future plan, problems, constraints and success.

5. Visiting the Agricultural Extension Department, Ministry of Agriculture and Cooperatives (3 hrs.)

Resource Person: Representatives of the institution

Outline: An introduction to the institution, Agricultural extension activities and approaches. Policy and future plan, problems, constraints and success.

Session III: Communication and Media Production (11 days/66 hrs.)

Objectives: At the end of this session all participants will able:

1. To enhance their knowledge in communication techniques.
2. To familiarized with the new techniques in media production.
3. To improves their skills in the use and production of appropriate media in extension work.

1. Communication and Media Planning (12 hrs.)

Resource Person: Mr. Thaweesak Chanloi

Outline: An introduction to factors and processes in communication, roles of media in communication, type of communication and media in extension work, advantages and disadvantages of each media. An introduction to the planning process of communication media. Planning of overhead transparencies, brochure, posters, sound-slide series, and video productions. Media design and selection planning processes.

2. Techniques and Production Process of Simple Media for Extension Work (15 hrs.)

Resource Person: Mr. Udomsak Bhatiyasevi

Outline: An introduction to production techniques of simple media for extension work: production of overhead transparencies, posters, and brochures. Using computers in media design. Assignment.

3. Production of Audio-Visual Media (30 hrs.)

Resource Person: Messrs. Thaweesak Chanloi, Mokka Phanchuen, Udomsak Bhatiyasevi

Outline: An introduction to the production processes of video/sound-slide series. Scripting, production techniques and equipment. Assignment. Media Presentation

4. Presentation Techniques (3 hrs.)

Resource Person: Mr. Suriyan Vichitlekarn

Outline: An introduction to basic psychology in presentation. Presentation planning, techniques & evaluation. Roles of presenters.

5. Visiting Sukhothai Thammathirat Open University (3 hrs.)

Resource Person: Representatives of the institution

Outline: An introduction to Sukhothai Thammathirat Open University. Observation at Media Production Center, Computer Aids, Instruction Center and Publishing house.

6. Visiting Television Station Channel 7 (3 hrs.)

Resource Person: Representatives of the institution

Outline: An introduction to Television Station No. 7. Observation at the information center, television programming, studios and news programming.

4. Training Program

Date	Time	Activities/Subjects
4 June 2001 (Mon.)	0900-1000 hrs.	An introduction to SEAFDEC <i>(Mr. Thaweesak Chanloi)</i>
	1000-1100 hrs.	Opening Ceremony <i>(Mr. Panu Tavarutmaneegul and Mr. Bundit Chokesanguan)</i>
	1100-1200 hrs.	Course Orientation <i>(Mr. Bundit Chokesanugan, Mr. Thaweesak Chanloi, Mr. Suriyan Vichitlekarn, Ms. Arpaporn Eiamsa-ard, Mr. Udomsak Bhatiyasevi,)</i>
	1300-1500 hrs.	Presentation Techniques <i>(Mr. Suriyan Vichitlekarn)</i>
	1500-1630 hrs.	Coastal Fisheries Development and Management in the Southeast Asia <i>(Mr. Panu Tavarutmaneegul)</i>
5 June 2001 (Tue.)	0900-1630 hrs.	Getting to know you and international understanding <i>(Ms. Arpaporn Eiamsa-ard and Mr. Udomsak Bhatiyasevi)</i>
		Observation of SEAFDEC/Facilities <i>(Ms. Arpaporn Eiamsa-ard, Mr. Udomsak Bhatiyasevi, Mr. Phochan Thaninsurat, and Mr. Kongpathai Saraphaivanich)</i>
		Preparing for Country Report Presentation <i>(Mr. Thaweesak Chanloi and Course Staffs)</i>
6 June 2001 (Wed.)	0900-1630 hrs.	Production of Simple Media for Extension Work
	1630-1730 hrs.	Principle of Photography <i>(Mr. Udomsak Bhatiyasevi)</i>

Date	Time	Activities/Subjects
7 June 2001 (Thu.)	0900-1630 hrs.	Coastal Fisheries Management (<i>Mr. Kungwan Juntarashote</i>)
8 June 2001 (Fri.)	0900-1630 hrs.	The Legal Framework in Coastal Fisheries Management (<i>Ms. Pongthong Onoura</i>)
9 June 2001 (Sat.)	0900-1630 hrs.	Excursion to the Emerald Buddha Temple and the Grand Palace (<i>Ms. Arporn Eiamsa-ard and Mr. Udomsak Bhatiyasevi</i>)
10 June 2001 (Sun.)		Free
11 June 2001 (Mon.)	0900-1630 hrs.	Country Report Presentations (<i>Mr. Thaweesak Chanloi, Ms. Arporn Eiamsa-ard, Mr. Udomsak Bhatiyasevi, Mr. Kongphathai Saraphaivanich</i>)
12 June 2001 (Tue.)	0900-1630 hrs.	Effect of Environmental Pollution on Coastal Fishery Resources (<i>Dr. Suraphol Sudara</i>)
13 June 2001 (Wed.)	0900-1630 hrs.	Roles of Fishers and Fisher's organizations in Fishery Management (<i>Prof. Dr. Masahiro Yamao and Ms. Phattateeya Suanrattanachai</i>)
14 June 2001 (Thu.)	0900-1630 hrs.	Fishery Extension; Approach, concept, Methodology and Characteristics of Extension Agents (<i>Assoc. Prof. Dr. Savitree Rungsipatra and Dr. Supaporn Thaipukdi</i>)
15 June 2001 (Fri.)	0900-1630 hrs.	Extension Program Planning (<i>Assoc. Prof. Dr. Savitree Rungsipatra and Dr. Supaporn Thaipukdi</i>)

Date	Time	Activities/Subjects
16 June 2001 (Sat.)		Free
17 June 2001 (Sun.)		Free
18 June 2001 (Mon.)	0900-1630 hrs.	Implementation and Evaluation of Extension Program (Asst. Prof. Dr.Savitree Rungsipatra and Dr. Supaporn Thaipukdi)
19 June 2001 (Tue.)	0900-1200 hrs. 1330-1630 hrs.	Visiting Fishery Extension Division, DOF Visiting Agriculture Extension Department, Agriculture and Cooperatives Ministry (Ms. Arpaporn Eiamsa-ard and Mr. Udomsak Bhatiyasevi)
20 June 2001 (Wed.)	0900-1630 hrs.	Code of Conduct for Responsible Fisheries and the Regionalization of the Code of Conduct for Responsible Fisheries (Dr. Yasuhisa Katō and Mr. Bundit Chokesanguan)
21 June 2001 (Thu.)	0900-1630 hrs.	Production of Audio-Visual Media (Messrs. Mekkara Phanchuen, and Udomsak Bhatiyasevi)
22 June 2001 (Fri.)	0900-1200 hrs. 1330-1630 hrs.	Communication Process (Mr. Thaweesak Chanloi) Communication Media Planning (Mr. Thaweesak Chanloi)
23 June 2001 (Sat.)	0900-1630 hrs.	Excursion to Crocodile Farm (Mr. Udomsak Bhatiyasevi, and Mr. Kongpathai Saraphaivanich)

Date	Time	Activities/Subjects
24 June 2001 (Sun.)		Free
25 June 2001 (Mon.)	0900-1630 hrs.	Communication Media Planning (<i>Mr. Thaweesak Chanloi</i>)
26 June 2001 (Tue.)	0900-1630 hrs.	Visiting Fishing Sites around TD (<i>Mr. Thaweesak Chanloi, Ms. Arpaporn Eiamsa-ard, and Mr. Udomsak Bhatiyasevi</i>)
27-28 June 2001 (Wed.-Thu.)	0900-1630 hrs.	Active Research for Extension Work (<i>Mr. Suriyan Vichitlekarn</i>)
29 June – 3 July 2001 (Fri.-Tuesday)	0900-1630 hrs.	Active Research for Extension Work : Field Work Practice (<i>Mr. Suriyan Vichitlekarn, Mr. Thaweesak Chanloi, Ms. Sumitra Ruangsvakul, Ms. Arpaporn Eiamsa-ard, and Mr. Udomsak Bhatiyasevi</i>)
4-5 July 2001 (Wed.-Thu.)	0900-1630 hrs.	Active Research for Extension Work; Preparation of Report (<i>Mr. Udomsak Bhatiyasevi</i>)
6 July 2001 (Fri.)		National Holidays
7 July 2001 (Sat.)		Free
8 July 2001 (Sun.)		Free
9-10 July 2001 (Mon.-Tue.)	0900-1630 hrs.	Media Production (<i>Messrs. Thaweesak Chanloi, Mekkara Phanchuen, Udomsak Bhatiyasevi, Thawatchai Vanniyom and Anurak Yimnoi</i>)

Date	Time	Activities/Subjects
11 July 2001 (Wed.)	0900-1200 hrs. 1330-1630 hrs.	Visiting Sukhothai Thammarthirat Open University Visiting Television Station Channel 7 (Messrs. Mekkara Phanchuen, Thawatchai Vanniyom and Ms. Arpaporn Eiamsa-ard)
12-13 July 2001 (Thu.-Fri.)	0900-1630 hrs.	Media Production (Messrs. Thaweesak Chanloi, Mekkara Phanchuen, Udomsak Bhatiyasevi, Thawatchai Vanniyom and Anurak Yimnoi)
14 July 2001 (Sat.)	0900-1630 hrs.	Excursion to Jatujak Market (Messrs. Udomsak Bhatiyasevi and Kongpathai Saraphaivanich)
15 July 2001 (Sun.)		Free
16 July 2001 (Mon.)	0900-1200 hrs. 1330-1630	Active Research for Extension Work: Report Presentation (Mr. Suriyan Vicitlekarn and Dr. Kee Chai Chong) Media Production (Mr. Thaweesak Chanloi and Mr. Udomsak Bhatiyasevi)
17 July 2001 (Tue.)	0900-1630 hrs.	Media Presentation (IEDH, AV Lecturers, Course Coordinator and Course staffs)
18 July 2001 (Wed.)	0900-1200 hrs. 1700 hrs.	Course Evaluation (IEDH, Course Coordinator and Course staffs) Closing Ceremony (Secretary General and IEDH)

5. List of SEAFDEC's Instructors and Course Staffs



Mr. Panu Tavarutmaneegul
*Secretary-General &
Chief of the Training Department
(Project Leader)*



Dr. Yasuhisa Kato
*Special Advisor
SEAFDEC/Secretariat*



Mr. Bundit Chokesanguan
*Information & Extension
Division Head
(Course Director)*



Mr. Thaweesak Chanloi
*Fishery Extension Section Head
(Course Co-ordinator)*



Prof. Dr. Masahiro Yamao
Expert in Fishery Socio-Economics



Dr. Phattareeya Suanrattanachai
Socio-Economics Researcher



Mr. Suriyan Vichitlekarn
Information Officer
SEAFDEC/Secretariat



Ms. Sumitra Ruangsvakul
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Mr. Mokka Phanchuen
Audio-Visual Section Head a.i.



Mr. Anurak Yimnoi
Audio-Visual Assistant



Mr. Tawatchai Wanniyom
Audio-Visual Assistant



Ms. Arpaporn Eiamsa-ard
Extension Officer
(Assistant Course Co-ordinator)



Mr. Udomsak Bhatiyasevi
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7. List of Participants

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Summary of Course Evaluation

Introduction

The course evaluation of "The International Training Course for Fishery Extension Officers in Extension Methodology and Coastal Fisheries Management, 2001" was carried out on the 18 July 2001. Two strategies were applied, namely; a questionnaire for individual evaluation and a plenary discussion for an overall group evaluation.

The following summarises the individual evaluations from the questionnaires and plenary group discussion.

Evaluation Questionnaires

The evaluation questionnaires were composed of six sections, namely; Personnel Information, Course Duration, Course Content, Training Methods & Training Equipment and Facilities, Living Condition and Others. Prior to this evaluation questionnaire, Resource person evaluation forms for each subject were given to the participants. At the end of this part, course effectiveness calculation was illustrated.

Section 1: Personal Information

1. SEAFDEC Country-membership

19 member country

3 non-member country

2. What was your main motivation or reason to attend this training course? (Tick the categories that are applicable to you: more than one answer is possible)

21 To improve my knowledge and skills for my job.

8 I was sent by my employer.

1 Using media in extension work

1 Tools and techniques in coastal fisheries management.

1 I want to get many kind of fisheries technology.

1 Improve knowledge on media production and extension work.

3. Please mention the three most important areas of knowledge and skills that you expected to improve/obtain after attending this course.

10 General Idea of coastal fisheries management.

10 New methods of extension and Technology.

6 Better knowledge in Extension program planning and implement.

4 Contribute new skills for extension work (Media Production, field trip, visiting farming place)

- 9 Techniques in media production.
- 7 Field survey (Active Research)
- 1 Country Report of participants and study together .
- 1 To measuring of knowledge and skills.
- 1 Skill necessary to organize and manage grass-root organization
- 1 Code of conduct
- 1 Good experience

4. As your expectations in item 3, regarding to the areas of knowledge and skills you expected to obtain, fulfilled?

17 Yes

3 No

- 1 Well management planning
- 1 The teaching method and contain is appropriated in my job and fit to the recently situation in my country.
- 1 Partly fulfilled
- 1 All of its are expected but most expectation are techniques for develop aquaculture
- 1 I understand deeply and get few experience which I hope to gain, It's good.
- 1 Each countries understood well in the fisheries extension and can make material extension by themselfe.
- 1 Some knowledge and skill I obtained during the training course.
- 1 Short time study

Average score = 8.50

Section 2: Course Duration

5. Is the training duration appropriate to you ?

12 Yes.

9 No; the appropriate duration should be

- 4 weeks = 5
- 8 weeks = 3
- 12 weeks = 1

6. Is this period of training in a year (June-July) appropriate to you/your home office to participate in this kind of training course?

16 appropriate

4 inappropriate : the appropriate period should be

- March = 1
- May-June = 1

Section 3: Course Content

7. Please give your opinion on the following subjects (rate 1-10; ranking from most unsatisfactory = 1, fair = 5, most satisfactory = 10)

	Amount of Applicability Average Content		
1. <i>Coastal Fisheries Development and Management in the Southeast Asia</i> (Mr. Panu Tavarutmaneegul)	7.95	7.85	7.90
2. <i>Effect of Environmental Pollution on Coastal Fishery Resources</i> (Dr. Suraphol Sudara)	8.09	8.60	8.34
3. <i>Coastal Fisheries Management Concept and Approaches</i> (Dr. Kungwan Juntarashote)	7.95	8.36	8.15
4. <i>Code of Conduct for Responsible Fisheries</i> (Dr. Yasuhisa Kato, Mr. Bundit Chokesanguan)	8.18	8.27	8.22
5. <i>Legal Framework on Coastal Fisheries Management</i> (Mr. Pongthong Onoura)	8.50	8.09	8.29
6. <i>Country Reports Presentation</i> (All participants)	7.45	6.68	7.06
7. <i>Roles of Fishers and Fisher's Organizations in Fisheries Management</i> (Prof. Dr. Masahiro Yamao and Ms. Phattareeya)	8.18	8.04	8.11
8. <i>Fishery Extension</i> (Dr. Savitree and Dr. Supaporn)	9.36	9.54	9.45
9. <i>Extension Program Planning and Evaluation</i> (Dr. Savitree and Dr. Supaporn)	9.36	9.50	9.43
10. <i>Active Research for Extension Work</i> (Mr. Suriyan Vichitlekarn)	9.18	9.13	9.15
11. <i>Communication Process and Media Planning</i> (Mr. Thaweesak Chanloi)	9.18	8.77	8.97

12. <i>Production of Simple Media for Extension work</i> (Mr. Udomsak)	9.00	8.90	8.95
13. Production of Audio-Visual Media (Messrs. Mokka and Udomsak)	9.28	9.23	9.25
14. <i>Presentation Technique</i> (Mr. Suriyan Vichitlekarn)	8.90	9.04	8.97
15. <i>Media Production</i> (Messrs. Thaweesak, Mokka and Udomsak)	9.22	9.27	9.24
Average Score	8.65	8.61	8.63

8. Is there any subjects which is not directly related or should be omitted?

19 No

2 Yes (specify the number of subject(s) to be omitted)

- 1, 5, 6

9. Is there any subject which is not included and you would like to add in this course?

Please list :

1 Training of Trainer

1 Facilitation skill

2 New Techniques in aquaculture

1 Fish Biology

1 GPS

1 Computer (PowerPoint)

2 Non-Linear and DV Video Production

1 Shrimp culture

1 How to transfer from VDO to CD

1 Producing Multimedia on CD, CD-R, CD-RW

1 Maintenance equipment for VDO and Audio

1 Underwater photography

1 All kind of fishing method

10. Please rank the place visited with respect to insight gained (ranking from 1 least gained to 10 most gained)

1. Fishery Extension Division = 6.76

2. Kung Krabaen Bay Royal Development Study Center = 6.73

3. Television Station Channel 7 = 6.71

4. Samae San Fishing Piers = 6.7

5. Bang Pla fish processing group = 6.55

6. Sukhothai Thammatirat Open University = 6.52

7. Agriculture Extension Department = 6.33

- 8.- Mud Crab and Blood Cockle Farm = 6.28
9. Fish sauce factory = 6.2
10. Institute of Marine Science, Chonburi (Marine Aquarium) = 5.3

11. Is there any visited place to be added or omitted?

10 No

11 Yes

- 1 Visit to TV7, STOU, IMSC, Samae San Fishing Port, Bang Pla, Fish Sauce, etc. does not give practical knowledge on extension work and media production.
- 1 Because participants have different backgrounds, the visited places should be scheduled to meet the expectations of all participants.
- 2 STOU and Channel7 same knowledge, select one
- 1 During the weekend or holidays, the participants who are staying in the dorm feel bored.

12. Is the survey practice beneficial to you?

2 No

19 Yes

- 1 I gained more experience
- 1 Method is applicable
- 2 Because after the survey I understand how to make a plan
- 1 I learned the methods of research and I understand the overview of research. But I think not enough experienced staff for every group. And I understand about the overview only, not the way to analyse a problem.

Average score = 9.05

13. Please comment on the total content of the course

14 satisfactory

7 To be improved in

- 1 About extension should add 2 more : Training of Trainer and Facilitation skills.
- 1 New Techniques in aquaculture
- 1 The time schedule is too compact, especially during lecture hours
- 1 Media Production on CD
- 1 Especially in presentation techniques, some of the lecturers do not use any media for presentation and that makes the participants feel bored and sleepy.

Section 4. Training Methods & Training Equipment and Facilities

14. Please rate training methods used in the course

	appropriate	inappropriate	
		too little	too much
14.1 Lectures	18		
14.2 Practices	18	2	
14.3 Surveys	19	1	1
14.4 Study tours	19	1	1

15. Are the selected training methods sufficient?

19 Yes

2 No : please specify other needed methods

- 1 If possible take a trip on M.V.SEAFFDEC and all participants learn some fishing methods
- 1 Many continuous days for lectures. Actually, the lectures are necessary but it's a better way if they are separated.
- 1 For the subject "Media Production", not enough days to produce them. It would be better if we had more time, and I would learn more in "how to make media" not in lectures but by myself when I make media.

16. Are the training equipment and facilities sufficient?

16 Yes

6 No : please specify other needed equipment and facilities

5 Equipment for media production not sufficient

Average score (Item 15,16) = 8.16

Section 5. Living Condition

17. Please comment on the living conditions at SEAFDEC/TD dormitory by rating 1= very poor to 10= very good, the following categories.

1. Bed room	7.72
2. Food	7.13
3. Recreational	6.90
4. Shower/toilets	6.80

Average score = 7.14

18. Please give your comment if the dormitory is going to be improved, what should be given first priority.
- 5 Shower/Toilets (water is too hot, toilets are dirty)
 - 2 Special video room for studying (technical video)
 - 2 The rice is of a different kind to my country, sometimes I can not eat, because of no taste.
 - 2 Should provide a sink in each bedroom (if possible a toilet)
 - 2 Time for dinner must be longer until 9.00pm.
 - 2 Computer room/discussion room
 - 1 Repair cable T.V., Music room (CD/VCD)
 - 1 Video tape and files should be available
 - 1 The recreation equipment such as the badminton court should have an officer to facilitate.
 - 1 Television in each room with wide channel and VCD/DVD player
 - 1 Air conditioning must be cleaned

19. How would you rate the relationship:

1. Between instructors, resource persons and participants				
3 excellent	17 good	2 satisfactory	=	8.09
2. Between Course Management staff, the advisor and participants				
6 excellent	15 good	1 satisfactory	=	8.45
3. Between other SEAFDEC/TD staff and the participants				
4 excellent	15 good	3 satisfactory	=	8.09
		Average score	=	8.21

Section 6 Others

20. In your opinion, who will gain the highest benefit from this course

- 16 Someone with experience in extension field
- 11 Someone with media production skills
- 10 Someone with working experience in the fishery field
- 6 Someone without working experience

21. What do you consider as the strengths and weakness of this course? (please explain your answer)

Strength (s)

- 3 Good organization
- 2 The contents, methods and instructors are good.
- 2 Knowledge (New techniques)
- 2 Good planning
- 2 The relationships between participants and staff are good
- 1 Skill experience

- 1 Visiting fisheries, farms so that participants gain a practical vision.
- 1 To improve working efficiency
- 1 Get technical and method training equipment and facilities and comment.
- 1 Most of the staff are very helpful and kind, very responsible to the participants during our field trip, I'm really impressed and appreciate it. Thanks to Mr. Suriyan, Mr. Thaweesak, Mr. Udomsak, Miss Arpaporn, and Miss Sumitra, keep up the good work!
- 1 Visual equipment/ lecture tools
- 1 High Technology of teaching method.
- 1 Good instructors
- 1 Kung Krabaen Royal Development Study Center gave me an example of methods for management as done by government
- 1 Lecture notes are sufficient

Weakness (es)

- 2 Some of the lecturers I found during the lecture it is difficult to understand their English.
- 1 Delivery of lectures (sometimes not understand)
- 1 Too much time allocated for lectures.
- 1 Most instructors were very attractive to the audience, some were not. The starting of homework should not on Friday afternoon, because the library is closed, difficult to find references.
- 1 Homework program should be not much until 10 pm.
- 1 Some subjects do not relate with my job
- 1 Equipment of media production not enough.
- 1 Not enough experienced staff.
- 1 Not appropriate schedule of this course.

22. Any suggestions for overall course improvement

- 6 Small allowance.
- 1 Give emphasis in skills and practice knowledge is there already.
- 1 Most of the arrangement is good and fit to the training program; the other importance issue in the field are facilitation skills and training of trainer (that let's us understanding the adult behavior).
- 1 SEAFDEC should support visa fee, airport tax fee
- 1 Most of the information in library is not so new and much, so contribute with new and technical video.
- 1 The course of media production should be given at the beginning . Therefore, the participants will have more time to think about the topic, script (more deeply).
- 1 Media production group should be divided depend on background of participants, good media produce and good cooperation in working
- 1 About the Audio-visual media production, the officer and equipment doesn't proper with the group and assignment, some more equipment must be provided and set more officers to train and assist the participants.

- 1 All groups must be able to do VDO and sound slide.
- 1 Appropriate software must be installed in the computer for brochure and the media production.
- 1 Request to Thai Airlines for 5 kg. For the participants to bring the notes given.
- 1 Extend the dinner time to 9 pm.
- 1 Using media consider with the technology improvement
- 1 Computer practice may be needed for some participant
- 1 After the course, all of media that have been store in CD or Zip media and should be given to all participants (free)
- 1 Lecture note should be in CD-ROM
- 1 Meal time at field trip must be arrange better
- 1 There should be some contact officers or staffs available in dormitory.

Section 7. Resource Persons

23. Summary of the evaluation on resource persons of each subjects are illustrated on the attached sheet

Course Effectiveness

Considering

Section 1/4	: Fulfillment of expectation (A)	=	8.50
Section 3/7	: Course content (B)	=	8.63
Section 3/12	: Benefit from survey practice (C)	=	9.05
Section 4/15-16	: Sufficiency/appropriateness of training Equipment (D)	=	8.16
Section 5/17	: Living conditions (E)	=	7.14
Section 5/19	: Relationship between the participants and staff (F)	=	8.21
Section 7	: Resource persons (G)	=	8.54

The course effectiveness is = $(A+B+C+D+E+F+G)/7$ = 8.32
 Or 83.2%

Plenary Group Discussion

In the plenary discussion, the topics addressed in the evaluation form were raised item by item to obtain the group's opinion on the course.

1. As far as the content of the course is concerned, expectations of the participants were fulfilled. Time should be reallocated to each subject to fit with the time available. Theoretical aspects should be shortened, some subject should be omitted. More time should be given to communication session.

2. As a whole, the course as prepared was well-arranged. Some aspect should be improved in the course. For instance, onboard demonstration of fishing operation should be included.

3. For the living conditions, water supply should be improved (water temperature), quality of food and the canteen service time should be extended.

4. To avoid of problem on visa consideration in some country, letter of acceptance which SEAFDEC sent to the nominating countries should include some information of the fellowship conditions for instance the course duration, allowance, accommodation, ect.

Report by Course Co-ordinator

Overview of the course

Training program of this course was divided into 4 parts. After course orientation and ice breaking sessions, the first part started with fundamental subjects which were given by invited lecturers and SEAFDEC lecturers. Mostly these subjects focused on theory, concept and principle of Coastal Fisheries Management.

The second part of the course focused on extension concepts, methodologies and extension program planning. By this time all participants had the opportunity to collect information from fishing communities which were Ban Payoon fishing villages in Rayong Province. The collected information was used as basic data in the practising of extension program planning.

The third part of the course focused on production of simple and audio-visual media for extension work. The lecture covered all the content of communication concept, support of media in extension work, communication process, media planning processes and the techniques of media production for many kinds of media, such as brochure, transparencies, sound slide series, video and posters. The presentation technique was also included in the content.

The last part was visiting related organizations which are;

1. Fishery Extension Division, DOF
2. Department of Agricultural Extension
3. Mud crab, shrimp, and blood cockle farms
4. Kung Krabaen Bay Royal Development Study Center
5. Fish sauce factory
6. Ban Pla fish processing group
7. Institute of Marine Science
8. Sukhothai Thammathirat Open University
9. Television Station Channel 7

Training Methodology

The concept of extension service focuses on the transfer of information to audiences by using the participatory approach and also concerns the style of adult learning, the training methodology of this course was a pertinent issue.

The course was balanced by lecturing in class and practising in the field surveys and media production. In the class, training media including overhead transparencies, slides, videos, and computers were used to assist the learning process of participants.

During the media production workshop, all participants were divided in to 4 groups and were assigned to produce 4 types of extension media, namely;

1. one brochure (A4)
2. a set of overhead transparencies (15-20 sheets)
3. a poster (size 76x56 cm.)
4. a sound slide series (60-80 frames) or a video (5-10 minutes)

At the beginning of the workshop, the lecturers for each subject gave an introduction to media production techniques, which were demonstrated to all participants. They were then allowed to work by themselves. On the last day, all the groups presented their productions to all participants as a group and the lecturers to get some comments and suggestion.

For the field survey practice, the participants were divided into 4 groups who were assigned to interview fishermen. The questions from each group focused on different aspects, one group concerned themselves with policy problems, one group enquired into knowledge problems, one group raised questions about attitude problems, and the last concerned themselves with skill problems. At the end of the survey all the groups discussed the information they obtained and presented by group to the class and the outcome reports were made and distributed to the participants.

Photographs of Training Activities



Studying in the lecture room



Practicing Media Production



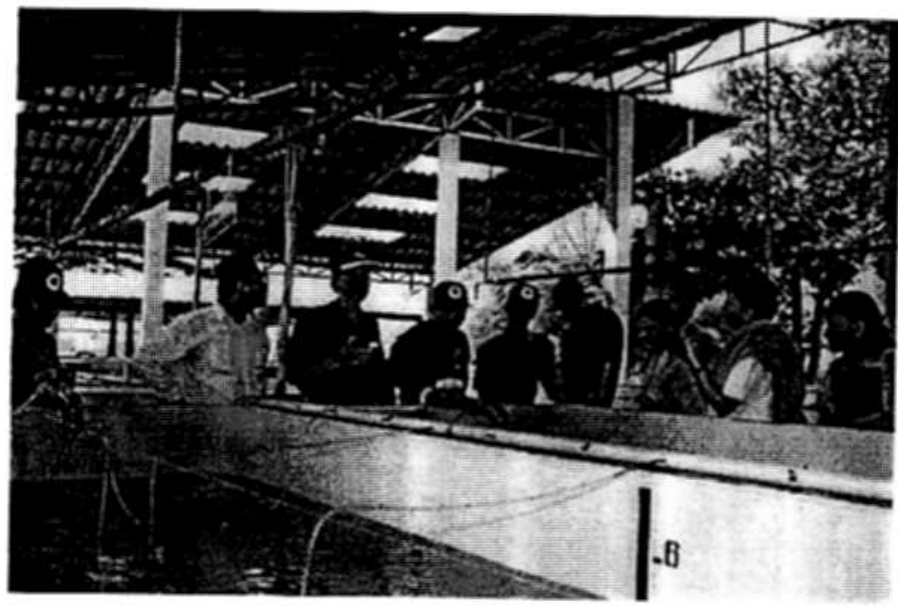
**Visiting the Computer Section of
Sukhothai Thamatirath Open University**



**Visiting the Production Section of
Television Station Channel 7**



Visiting Fish Sauce Factory



Visiting Kung Krabea Bay Royal Development Study Centre



Group Discussions with fishermen during a field trip



Practicing Audio-Visual Media Production

Evaluation of Resource Persons

Subject/Lecturer	Applicability	How much Learned	Organization of lesson	Organization of time	Instructor's communication skill	Use of teaching media	Interaction between lecturer and participants	Teaching Method	Useful of Lecture Note	Average
Presentation Techniques (Suriyan Vichitlekarn)	86.66	81.17	84.21	76.66	86.66	87.36	84.21	85.26	90.52	84.75
Coastal Fisheries Development (Panu Tavarutmaneegul)	78.09	70.00	81.00	83.80	75.00	81.90	73.33	76.19	78.09	77.49
Simple Media (Udomsak Bhatiyasevi)	83.00	82.10	88.00	88.00	84.00	75.00	86.00	84.00	83.00	83.68
Principle of Photography (Udomsak Bhatiyasevi)	90.00	85.26	91.00	89.00	89.00	89.00	91.00	92.00	87.00	89.25
Coastal Fisheries Management (Kungwan Juntarashote)	84.21	81.05	82.10	82.22	87.36	80.00	84.21	86.31	91.57	84.34
Legal Framwork (Poungthong Onoura)	83.63	78.33	85.00	86.66	88.33	85.00	88.33	90.00	86.66	85.77
Effect of Environmental (Suraphol Sudara)	86.08	80.86	86.08	86.08	92.17	88.69	81.73	88.69	84.34	86.08
Role of Fishers. (Masahiro Yamao)	84.34	81.81	85.21	85.21	87.82	87.82	82.60	86.95	83.63	85.04
(Phattareeya Suanrattanachai)	76.36	67.27	72.72	73.63	71.81	70.00	79.09	72.72	77.27	73.43
Fishry Extension (Savitree and Supaporn)	91.30	86.95	92.17	92.17	93.91	91.30	93.91	89.56	86.95	90.91
Extension Program Planning (Savitree and Supaporn)	93.00	85.00	93.00	91.00	93.00	89.00	93.00	93.00	92.00	91.33
Implementation and Evaluation (Savitree and Supaporn)	87.27	85.45	89.09	88.18	93.33	91.81	92.72	91.81	90.00	89.96
Code of conduct (Yasuhisa Kato)	79.04	80.00	74.28	78.09	83.80	71.57	73.00	72.00	82.10	77.10
(Bundit Chokesanguan)	82.72	79.04	82.72	83.63	83.63	86.36	84.54	85.45	85.45	83.73
Production of Audio-Visual (Mokkara Phanchuen)	84.54	82.00	84.34	89.09	89.09	86.08	91.30	86.08	90.00	86.95
(Udomsak Bhatiyasevi)	83.47	82.60	85.21	86.08	85.21	86.95	86.08	87.82	83.47	85.21
Research for Ext. work (Suriyan Vichitlekarn)	88.88	88.88	88.88	84.44	88.88	88.88	93.33	88.88	88.88	88.88
Communication Process (Thaweesak Chanloi)	91.66	88.33	88.33	88.33	89.09	86.66	91.66	88.33	95.00	89.71
Media Production (Audio-Visual team)	87.27	81.81	85.00	81.66	90.00	91.66	91.66	89.00	94.54	88.07
Average	85.34	81.47	85.18	84.94	86.95	85.00	86.41	86.00	86.87	85.35