

**The meeting workshop for enumerator to conduct the baseline data collection for EAFM plan
in Krabi Province, 23- 26 March 2021 and
The baseline data collection for EAFM plan in Krabi Province
29 March - 9 April 2021**

As an EAFM pilot site of DOF of Thailand in collaboration with TD is in Nainang Village in Muang Krabi District, Krabi Province where people's lives depend on the ecosystem. Located beside the sea, Nainang Village is host to people practicing eco-friendly careers, such as fishers, rubber plantation caretakers, and palm gardeners. The Village also has an environmental conservation tourist program which is managed and serviced by the local people. However, in this Village, there existed a conflict between groups of people, such as the bamboo stake traps operators and the mackerel gillnet fishers, over the concerned issues on the proposed dismantling of the bamboo stake traps, prohibition of illegal fishing gear, and the overlapping fishing areas that resulted in decreasing aquatic animal resources and small-scale fishers' income. When the EAFM concept was introduced to the pilot site, the existing fisheries management plan of the Village was redesigned according to the EAFM principles to encourage the stakeholders to participate in fishery resources management. As a result, the conflicting atmosphere had cleared out and the people understood the adverse impacts of illegal fishing gear on the fishery resources. The concerned stakeholders have also recognized the importance of the Village's participatory fisheries management plan and are willing to take part in the implementation of the plan. Furthermore, some programs that had been partly implemented by various groups were revised following the EAFM principles. These include programs spearheaded by the Ban Nainang Product Processing Group, Bee Farmers Group, Local Thai Dessert Group, Integrated Farming Group, Thai Souvenir Group, Garbage Ban and Tree Bank, and Environmental Conservation Tourist Group. The success of EAFM promotion in Nainang Village could also be due to the long history of fisheries management implementation in Krabi Province that had already lasted for a decade. Participatory stakeholders' engagement in co-management programs plays an important role in the promotion of the EAFM concept in Nainang Village, serving as basis of the adoption of the EAFM principles. This has made the application of EAFM in Nainang Village easy because the community plan developers just revised their fisheries management plans that have been implemented before. Changes were then made while other aspects were added following the EAFM framework.

In referring to the Forty-second Meeting of the Program Committee of the SEAFDEC which is held in Chiang Mai, Thailand from 11 to 13 November 2019, there is the requested from DOF/Thailand to TD for continue supporting DOF-Thailand in extending the EAFM concept to the whole area of Krabi Province, and also conduct EAFM in inland for Thailand. In this regards the collaboration of SEAFDEC/TD and DOF-Thailand is proposed to make in extending of the EAFM implementation both coastal and inland areas which will be implemented in Krabi province through the series/steps of the work activities.

On 4-6 February 2020, SEAFDEC/TD and DOF-Thailand collaborated to conduct "the Workshop for Key Stakeholder Engagement and Develop the Workplan for Krabi Province". The EAFM core team and key stakeholders attended the workshop to defined and scoped the Fisheries Management Unit (FMU) including discussed on the needed data/information for developing the EAFM plan. Furthermore, the meeting for preparing the baseline data/information collection was conducted on 24 November 2020. The result of the meeting indicated that the baseline survey data collection is needed to develop the EAFM plan in Krabi.

In this connection, SEAFDEC/TD supports the eight (8) Districts of Krabi Province for data collection with 382 sampling numbers for whole small-scale fisheries in Krabi Province. Therefore, the meeting workshop for clarifying on the questionnaires, and trial for data collection and input method will be conducted during 24 - 26 March 2021. After that, each District will conduct the base line data collection during 29 March - 9 April 2021 according to their respective sampling number.

Objective

1. To clarify and train the officers and enumerators for data collection and input method,
2. To collect the primary data including the socio-economic data,
3. To study on the microfinance and credit of small-scale fishers in Krabi Province, and
4. To study on gender integration of small-scale fishers in Krabi Province.

Participants

1. Three (3) SEAFDEC staff: Ms. Thanyalak Suasi, Ms. Jariya Sornkliang, and Ms. Rattana Tiaye
2. Two (2) Provincial Fisheries Officers of Krabi Province
3. Eight (8) District Officers from eight (8) District in Krabi Province
4. Four (4) Small-scale fishers in Krabi Province

The data collection method and analysis

1. The data collection period will be during March - April 2021 in eight (8) District of Krabi Province. The data collection will involve both quantitative and qualitative data.
2. Due to limitation of time and budget, the sampling number is 382 (Table 1.), calculated by Yamane formula at 90% confidence level.
3. The raw data will be input in the excel program, then it will be analyzed by using descriptive statistic in term of frequency, percentages and means.

Table 1. The total number of fishers and aquaculture registered at the Fisheries Provincial Office and eight (8) Districts (year 2020) and the sampling number in each district.

No.	District	Total Number of fishers and aquaculture registration	Sampling number
1	Ao Luek	1,439	66
2	Mueang Krabi	1,396	*68
3	Nuea Khlong	1,340	62
4	Khlong Thom	1,023	47
5	Ko Lanta	1,795	83
6	Plai Phraya	440	21
7	Khao Phanom	539	25
8	Lam Thap	220	10
Total		8,275	382

* The 4 sampling numbers from Krabi Fisheries Provincial Office will be included with Mueang Krabi Districts.

Tentative Program

The officers in each district can design the time schedule for data collection by themselves to suit with the total number of sampling, time and budget provided. The enumerators should collect at least 4 samples per day per person to lead the number of sampling of their respective district.

23 March 21 (Tue.)	
0930-1050	SEAFDEC team arrived Krabi Province and prepare for the meeting
1300-1600	Meeting with DOF staff for preparation the meeting
24 March 21 (Wed.)	
0830-0900	Registration
0900-0915	Introduction of the meeting for data collection
0915-1030	Clarifying of the questionnaires on livelihood and socio-economic parts (page 1-7)
1030-1045	<i>Coffee break</i>
1045-1200	Clarifying of the questionnaires on microfinance and insurance including gender, effect of COVID-19, and safety at sea parts (page 8-12)
1200-1300	<i>Lunch</i>
1300-1430	<u>Trial interview the fishers using questionnaires:</u> eight (8) officers will be divided into four (4) groups, two (2) officers per group. Each group will interview small-scale fishers who are the representative from small-scale fishers in Mueang District.
1430-1600	<ul style="list-style-type: none"> - Discuss on the problems and difficulties for interviewing the fishers - Improve the questionnaire according to the result of the discussion
1600-1630	Wrap up for day 1
25 March 21 (Thu.)	
0900-1100	Clarify on the format for input data and the method to input raw data in Excel Program
1100-1115	<i>Coffee break</i>
1115-1200	<u>Trial input data:</u> the officers will be divided in the group to input the data from their own questionnaires.
1200-1300	<i>Lunch</i>
1300-1400	<u>Trial input data:</u> the officers will be divided in the group to input the data from their own questionnaires (Cont.)
1400-1600	<ul style="list-style-type: none"> - Each group report back to the meeting - Discuss on the difficulties for input the data in Excel Program

1600-1630	Conclusion and Closing of the meeting workshop
26 March 21 (Fri.)	
0900-1200	SEAFDEC and Provincial officer discuss on process for monitoring and collect the questionnaires from eight (8) District officers. Besides, the method for data analysis and report of the baseline survey data collection will be discussed.
1520-1650	SEAFDEC back for Bangkok
29 March to 9 April 21	
0830-1200	Data collection by eight (8) Districts of Krabi Province
1200-1300	<i>Lunch</i>
1300-1600	Data collection by eight (8) Districts of Krabi Province
1600-1700	Input data in excel file