

Component 4 Social

Actual situation of livelihood of small-scale fishing household in Thailand: the case study in Eastern, Centre and Southern of Gulf of Thailand

Jariya SORNKLIANG¹, Tsutomu MIYATA², Methee KAEWNERN³, Mina HORI⁴, Sumitra RUANGSIVAKUL¹, Thanyalak SUASI¹, Rattana TIAYE¹

1 Training Department of Southeast Asian Fisheries Development Center (SEAFDEC/TD), Thailand

2 Fisheries Research Agency, Japan

3 Kasetsart University, Thailand

4 Kochi University, Japan

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1. Purpose

The data collection on actual situation of livelihood of small-scale fishing household in Thailand aimed to express current status and compare situation of fishing household of three area in gulf of Thailand are located in eastern part at Rayong province, Center part at Bangsapan Noi and Bangsapan district of Prachuab Kiri khan province and Pathew district of Chumphon provinc, and southern part at Surathani province.

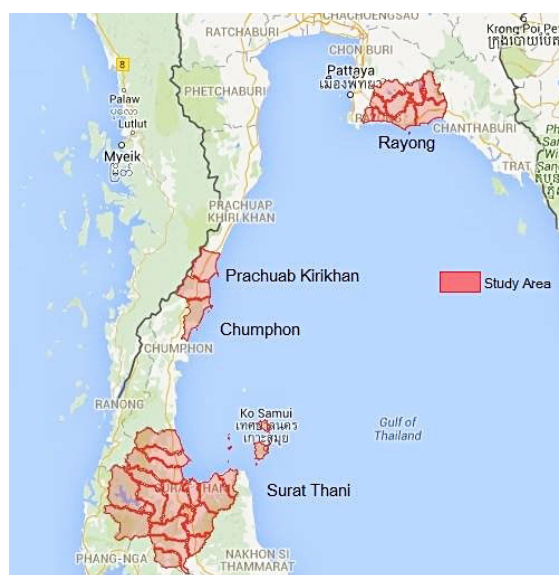


Fig 1: Area of data collecting

2. Data and materials

The data were collected through semi structure questionnaire interview for 297 at Rayong, 286 at Prachuab and Chumphon and 316 at Surathani. The result focus on General information, Livelihood, Regarding business and Personal information of respondent.

3. Results

In part of general information in three areas were found that there are same information are following age of fishermen highest in during 41-50 year old, and respondents education are primary school, there are member in family mode in 4 and 3 people, and more than half of them are native people in the area, and main religion is Buddhism.

Table 1. General information of fishing household for three area

Data	Rayong area	Prachuab Kiri Khan and Chumphon area	Surathani area
<u>Gender</u>			
Male	97.60 %	97.90%	66.80%
<u>Age</u>			
41-50 year old	33.00 %	30.80%	36.70%
<u>Education level</u>			
Primary school	80.80%	75.40%	75.30%
<u>Number of family's member</u>	Mode : 4 ps	Mode : 3 ps	Mode : 3 ps
<u>Former address</u>			
Native province	81.50%	89.86%	59.00%
Other	18.50%	10.12%	41.00%
<u>Religion</u>			
Buddhist	98.65%	99.65%	84.80%

For livelihood and regarding business part found that fisheries are main occupation for three area and fishermen have fishing experiences around 26 years old. And income from fishing of three areas are 383,730, 520,483, and 521,458 respectively it was no significant difference at the 95% level confidence. They also have supplementary income by in Rayong area from agriculture same as in Prachuab and Chumphon area, however Surathani area, supplementary income from aquaculture.

Most of business will sell their product through middleman. In personal information part shown that fishermen's household income of each area are following; 20,928, 17,859, and 31,026 respectively, it is no significant difference at the 95% level confidence for Rayong and Prachuab Kiri Khan while Rayong with Surat, and Prachuab Kiri Khan with Surat, there is significant difference at the 95% level confidence. Fishermen in three areas have fundamental facilities for their living e.g. television, washing machine, refrigerator, fan, mobile phone and motorcycle, also their health was identified in this survey by from fishermen perception more than half of them said they are good health anyway this survey also checked their health on blood pressure, weight, height and waistline when use data from survey on blood pressure found that average blood pressure in Rayong is 140/90, Prachuab Kiri Khan and Chumphon is 138/89, and Surathani is 138/89, it is in quiet high when compare with normal blood pressure (90 - 119 / 60 - 79) shown that average blood pressure of fishermen in three areas quiet high they. And for weight and height it use for calculate Body Mass Index (BMI) it found that average of BMI of each area as follow Rayong is 33.56, Prachuab Kiri Khan and Chumphon is 23.37, and Surathani is 24.99 it show that fishermen in three areas quiet fatness when compare with BMI standard (less than 18.5= Thin, during 18.5-22.9 = normal, 23.0-24.9= plump, and more than 25.0 = fatness). The situation of livelihood in fishing household show that fisheries are main occupation for three areas and three areas have similar situation on socioeconomic in fishing household.