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

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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.
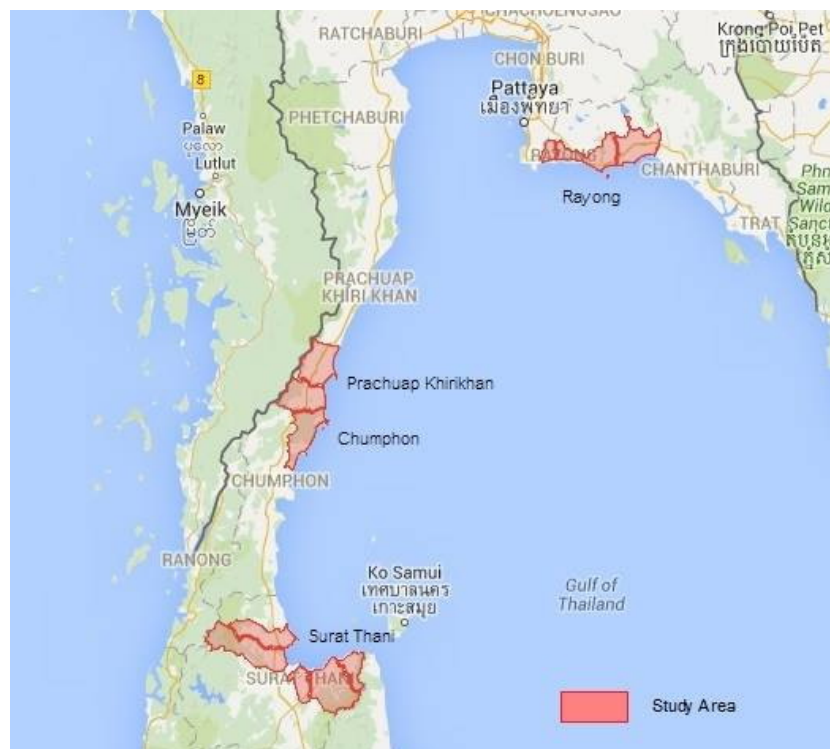

Fig 1: Area of data collecting

Data and materials

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

Results and discussion

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
Gender			
Male	97.60 %	97.90%	66.80%
Age			
41-50 year old	33.00 %	30.80%	36.70%
Education level			
Primary school	80.8 0%	75.40%	75.30%
Number of family's member	Mode : 4 ps	Mode : 3 ps	Mode : 3 ps
Former address			
Native province	81.50%	89.86%	59.00%
Other	18.50%	10.12%	41.00%
Religion			
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 form fishing of three are area 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 sale they 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 was no significant difference at the 95% level confidence for Rayong and Prachaub Kiri Khan while Rayong with Surat, and Prachuab Kiri Khan with Surat, there is significant difference at the 95% level confidence. Fishermen in three area have fundamental facility for they living e.g. television, washing machine,

refrigerator, fan mobile phone and motorcycle, also they health were identify in this survey by from fishermen perception more than half of them said they are good health anyway this survey also check they health on blood pressure, weight height and waistline when use data form survey on blood pressure found that average blood pressure in Rayong is 140/90, Prachaub Kiri Khan and Chumphon is 138/89, and Suratthani   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 area quiet high. And for weight and high it use for calculate Body Mass Index (BMI) it found that average of BMI of each area as follow Rayong is 33.56, Prachaub Kiri Khan and Chumphon is 23.37, and Suratthani is 24.99 it show that fishermen in three area 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 area and three area have similar situation on socioeconomic in fishing household.