

THE ECONOMIC LOSS OF TRASHFISH FISHERIES IN THAILAND

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Abstract

Trashfish has been used as a major raw material for fishmeal production. Demand for fishmeal increases due to the growth of the livestock industry. So fishermen increase their trashfish fishing. The trashfish fishing leads to the loss of marine fish resources as well as the economic loss by overexploitation. The objectives of the study are to find the optimal catch and effort in trashfish fishing and to estimate the economic loss due to overexploitation of trashfish fishing. The results of analysis indicate that the optimal catch and effort in trashfish fishery at present and maximum economic yield are 924,507 and 280,646 metric tons at the efforts of 7,068.350 and 1,243.194 thousand standard fishing hours. The total loss from trashfish fishing is 1,859.88 million baht per year.

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