

DETERMINATION CATCHING TECHNOLOGY AND MATERIALS IN THE MARMARA SEA

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In this study, Marmara Sea fisheries which is take the second place after Black Sea in fisheries point of view, essential structure was been found out and relation between fishing fleet catching power and fishing products that can be caught were been aimed.

This research carried out by the possibilities of Trabzon Fisheries Research Institute in 1992-1993. This study is the continuation of the institute's "Determination of Catching Technology and Materials in the Black Sea" project in 1990-1991.

The study carried out in fish landing centres around the sea of Marmara. The main fishing harbours and small ports have been visited and expended fisherman interviewed. Required data were obtained by direct counting and interviewing the fisherman. The study was carried in two season, closed fish season (August 1992) and during fish season (November 1993).

At the and of the research, fishing boat

number in the Marmara were proved as 3094. This number included 2886 (93.2 %) small fishing boats, 131 (4.2 %) purseseiner boat, 47 (1.5 %) trawler boat and 30 (1 %) carrier boat. From 1980 to 1992; which is this study's done year there are 44 % percentage increase was been seen in fishing fleet.

Average lengths of small boats, purseseiner boats, trawler boats and carrier boats are in order; 16, 26.5, 21 and 17.5 m. Also their average motor powers are in order; 112, 584, 255 and 285 HP. 78.4 % percentage of big fishing boats have wireless, 21.7 % of them have sonar, %8.7 of them have echosounder and such equipment. If the dissociation is observed depend on the cities; it has been found out 40 % percentage of boats in Marmara recorded to İstanbul ports.

Assessed product amount was calculated as 158.000 tons in Marmara fishing fleet in fishing season. This value is higher than the product have been fishing up to now (about 50.000 tons).

