

## Catch Composition and Amount of Illegal and Unreported Fishing in Iranian Coastal Waters - Hormozgan Province

**Authors :** Yasemi Mehran, Parsa Mehran, Farzingohar Mehrnaz

**Abstract :** Illegal, unreported, and unregulated (IUU) fishing has been identified as one of the most serious threats to the sustainability of the world's fisheries. In the present study, illegal and unreported fishing of different species in waters of Persian Gulf and Oman Sea (Hormozgan province) were evaluated. Among 47 species of 33 families identified in this study, with 39 species belong to teleosts, 4 species belong to elasmobranchs and 4 species belong to invertebrate. The total weight of illegal and unreported catch were 78525.22 tonnes. Maximum and minimum values were found for *Dussumiera acuta* (20640.74 tonnes) and *Tenualosa ilisha* (0.733 tonnes), respectively. The most commercial species group was scombridae, carangidae and clupeidae, respectively. Teleosts with 91.15%, elasmobranchs with 4.82 and invertebrates with 4.03% constituted total weight of illegal and unreported fishing. Results of this study provide valuable information in order to access a sustainable management on fish resources.

**Keywords :** catch composition, illegal, unreported fishing, Hormozgan province

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