Short Technical Report

Vulnerability Assessment of Major Fish Species Based on Demographic Parameters in Persian Gulf and Oman Sea

*S.A.R. Hashemi[1] and S.A. Hosseini[1]

[1]Assistant Prof., Offshore Fisheries Research Center, Iranian Fisheries Science Research Institute, Agricultural Research, Education and Extension Organization (AREEO), Chabahar, Iran

Abstract

As marine ecosystems are changing climate and also; there is also clear evidence that fish species are threatened by fishery on a regional and global scale. For this reason, the assessment of the inherent vulnerability of major species of catches is of great importance. There are several indicators of vulnerability classifications and one of the most important of them is the biological and ecological characteristics of fish. The major species of catches in the province were classified in four sections: low, medium, high and very high vulnerability classes. In fact, this approach would be build and had a better understanding of species variation and climate change and would be examined the risk of fish species being confronted with and their compatibility.

Keywords: Biological and ecological characteristics, Demographic Parameters, Intrinsic vulnerability

*Corresponding author: seyedahmad91@gmail.com