

Assessing the impact of environmental accidents and drought on the economy of fishery (case study: Iranian whitefish)

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ABSTRACT:

The unbalanced Caspian Sea ecosystem caused by dams on rivers and the indiscriminate use of river's fresh water and contamination of fishery ponds and also factors like overfishing and excessive harvesting of river's water and loss of natural hatcheries in rivers and coastal wetlands have led to the catastrophic reduction in reserves and the economically valuable fishing of whitefish. In this study, the annual wholesale and retail prices and the production of whitefish in Iran during 2010 to 2014 were collected. Our results showed that there is a significant relation between environmental accidents and drought on the fisheries economy. In other words, by increasing the environmental accidents and drought, the whitefish's retail and wholesale price increase.

Keywords:

Whitefish, Drought, Environmental accidents, Fishery economy.