



## Comparison between Managerial Factors and Natural Disasters Affected Prejudice Assessment at Trout Farms (*Oncorhynchus mykiss*) in Fars, Mazandaran and Chahar mahal-o-Bakhtiari Provinces

Dr. M.Sharifian\*, Dr. H.Hossien zadeh Sahhafi\*., Dr. A.Matinfar\*,  
M.Hafezieh\*, M. Bakhtiyari\*\*,  
J.Rouzban Javanmardi\*\*\* & Gh.Mashreghi\*\*\*

### Abstract

Natural Disasters created most devastating qualities on cold water fish farms and proliferation which their owner are not able to make it up. The only way for compensating the financial damages is using a unique policy based on expert logics and standardization on insuring fish farm and proliferation. Undoubtedly, existence of climate diversity in different areas and climate change occurrence in Iran during the last years with drought phenomena outbreak is defined as one of the intensification parameter of its impacts of natural disasters. The present research with aiming to introduce Risk factors Trout farms and evaluation them due to managerial factors and natural disaster have been done. In this regard, preliminary field study at three provinces (Fars, Mazandaran and Chahar Mahal-o Bakhtiari) in order to gathered have been done, Basic Data and reviewing the previous studies were done. Then the questionnaires for evaluating the needed data regarding to elements affected on mortality during different aquacultural and proliferation stages of this fish which provided emphasized on insurance acceptance factors and disposed to the fish farmers, fisheries and insurance experts. Information and data processed in SPSS statistical program and finally, the rate of each effects of natural disasters and management parameters on damage outbreaks were determined.

### Keywords:

Managment Factors, Natural Disasters, Rainbow Trout, Aquaculture Insurance.

\*Scientific Board Member of Iranian Fisheries Research Institute.

\*\*Expert of Iranian Fishery Research Institute.

\*\*\*Expert of Agricultural Insurance Fund.