



## Protection for the Black Sea Fishery from Multiple Stressors

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One of the world's largest and most severely deteriorated major marine ecosystems is the Black Sea. It is a semi-enclosed sea with a high degree of isolation, which makes it particularly vulnerable to multiple stressors. The Black Sea is a semi-enclosed sea with a high degree of isolation, which makes it particularly vulnerable to multiple stressors. The Black Sea is a semi-enclosed sea with a high degree of isolation, which makes it particularly vulnerable to multiple stressors.

necessary purpose to notice here is that such pronounced decadal scale temperature variations when 1980 match with the intensification of eutrophication and workplace and huge population increase of the alien species *Mnemiopsis leidyi*. The temperature changes might introduce sturdy impacts on the sea scheme through direct changes in species physiological characteristics and indirectly by the changes within the flow, stratification and mixture characteristics [7].

**Stressor 2: Fisheries are over shed:** The fish resources were exploited primarily by the previous Soviet Union (Georgia + Russia + Ukraine) as their total landing declined from quite 200 ktons to but

characterized by the collapse of tiny water fish stocks thanks to their over-harvesting and coincidental impact of population outburst of the thick carnivorous *M. leidyi* at the top of 1980s. On the far side it's a selected limit, the nutrient flux starts supporting a lot of favourably the expansion of thick populations rather than its contender fish species [21]. Physiologically, a growth and replica advantage of *Mnemiopsis* relative to the native thick species *Aurelia*

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