

# Forecast of the Impact of Fisheries and Aquaculture on Marine Ecosystems through the Prism of Historical Development of Nature Management

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**Abstract:** The growth of needs for biological resources, driven including by the development of the human population, leads to cardinal ecosystem transformations. A retrospective review of periods of anthropogenic restructuring of the biosphere allows making a forecast of potential ecological disasters threatening marine ecosystems. A general characteristic of the current situation and risk assessment of a new stage of human expansion into the spaces and resources of the World Ocean are presented. Understanding the development trends of coastal-marine nature management, based on historical experience, will enable the development of strategies for rational development of fisheries and aquaculture and contribute to mitigating the negative impact of economic activities on the environment.