Climate Change Impacts on Fisheries and Aquaculture

A Global Analysis

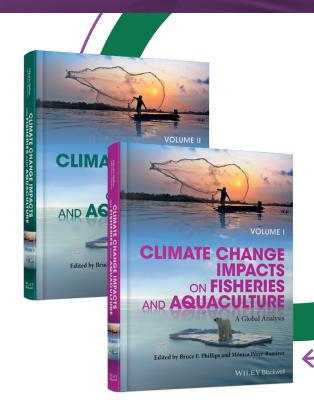
Edited by Bruce F. Phillips and Mónica Pérez-Ramírez

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The first comprehensive review of the current and future effects of climate change on the world's fisheries and aquaculture operations

The first book of its kind, *Climate Change Impacts on Fisheries and Aquaculture* explores the impacts of climate change on global fisheries resources and on marine aquaculture. It also offers expert suggestions on possible adaptations to reduce those impacts.

The world's climate is changing more rapidly than scientists had envisioned just a few years ago, wand the potential impact of climate change on world food production is quite alarming. Nowhere is the sense of alarm more keenly felt than among those who study the warming of the world's oceans. Evidence of the dire effects of climate change on fisheries and fish farming has now mounted to such an extent that the need for a book such as this has become urgent. A landmark publication devoted exclusively to how climate change is affecting and is likely to affect commercially vital fisheries and aquaculture operations globally, *Climate Change Impacts on Fisheries and Aquaculture* provides scientists and fishery managers with a summary of and reference point for information on the subject which has been gathered thus far.





- Covers an array of critical topics and assesses reviews of climate change impacts on fisheries and aquaculture from many countries, including Japan, Mexico, South Africa, Australia, Chile, US, UK, New Zealand, Pacific Islands, India and others
- Features chapters on the effects of climate change on pelagic species, cod, lobsters, plankton, macroalgae, seagrasses and coral reefs
- Reviews the spread of diseases, economic and social impacts, marine aquaculture and adaptation in aquaculture under climate change
- Includes special reports on the Antarctic Ocean, the Caribbean Sea, the Arctic Ocean and the Mediterranean Sea

Extensive references throughout the book make this volume both a comprehensive text for general study and a reference/ guide to further research for fisheries scientists, fisheries managers, aquaculture personnel, climate change specialists, aquatic invertebrate and vertebrate biologists, physiologists, marine biologists, economists, environmentalist biologists and planners.

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