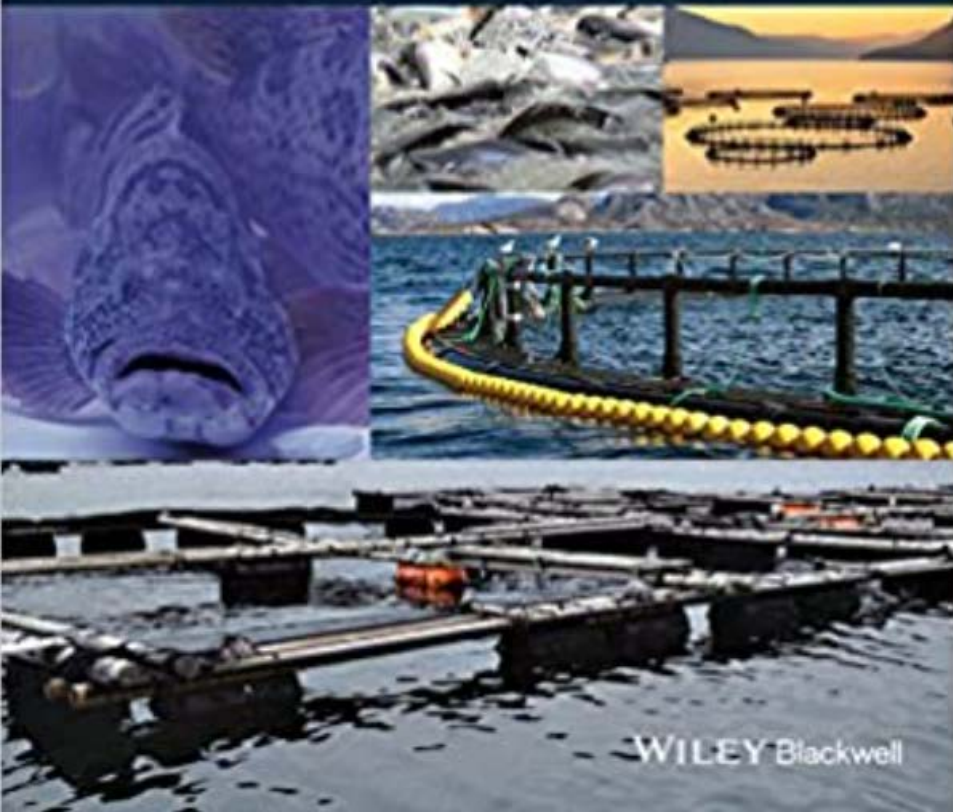


Edited by Saleem Mustafa and Rossita Shapawi

# AQUACULTURE ECOSYSTEMS

Adaptability and Sustainability



WILEY Blackwell

## **Aquaculture Ecosystems: Adaptability and Sustainability**

### **ABSTRACT**

Aquaculture Ecosystems contains a thorough and exciting synthesis of current information on aquaculture practices and substantial discussion of the way forward in transforming the aquaculture industry by improving its sustainability. This important book includes discussion of all the current major issues relating to aquaculture practices in relation to the ecology of their situations, environmental concerns, and details of how sustainability can be improved. Efforts have been made to include chapters that go beyond the stage of debate on old topics, providing conclusions to provide leads for action plans and practices addressing modern challenges such as global climate change. Commencing with a chapter covering concerns and solutions centred around seafood security, the following chapters cover the biology and behavior of aquatic animals and their selection for use in aquaculture systems, integrated multi-trophic aquaculture, nutrient inputs and pollution, biofouling, blue carbon stocks in coastal aquaculture, climate change adaptations and knowledge management in aquaculture. Written by internationally-recognized experts in aquaculture and ecology, and edited by Saleem Mustafa, well known for his work in aquatic sciences, the book provides a great deal of use and interest to all those involved in aquaculture planning and development, environmental sciences and aquatic ecology. All libraries in universities and research establishments where biological sciences and aquaculture are studied and taught should have copies of this vital reference on their shelves.