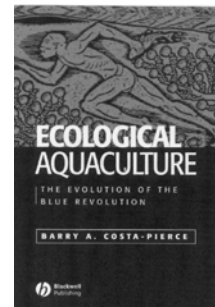


ANNOUNCING A MAJOR NEW TITLE

Ecological Aquaculture

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Graduate School of Oceanography & Dept. of Fisheries, Animal &
Veterinary Science, University of Rhode Island, Narragansett, RI, USA



This authoritative text on ecological aquaculture, aquaculture ecosystems, and sustainable aquaculture is in three parts. The first defines how ecological principles were applied historically to evolve aquaculture as an integral part of aquatic resources management and the social ecology of indigenous societies, and includes an extensive review on the evolution of aquaculture in Europe. The second part covers genetic methods important for understanding aquaculture's contribution to fisheries restoration, how to mitigate ecological impacts of escapees, the application of farming systems research and extension methodologies to evolve sustainable aquaculture, and market-driven approaches to the expansion of aquaculture. The third part of the book explores the context of ecological aquaculture, reviewing new ideas and methods for sustainable, village-level aquaculture ecosystems in Africa, integrated mangrove forest-aquaculture ecosystems in Asia, ecological aquaculture methods used to restore coastal fisheries, and an important case study of developing and managing aquaculture reservoir ecosystems in Indonesia. The book ends with a powerful essay on ecology as the paradigm for the future of aquaculture, with a call for a global action plan to develop environmentally and socially sound aquaculture for global food security.

- **The first text relating modern, ecological principles and analytical approaches to aquaculture**
- **Provides in-depth analysis of household and village ecosystems and the social ecology of international aquaculture development**
- **Includes detailed discussions of aquaculture farming systems methods used to revise the entire way traditional aquaculture extension is organized and conducted**
- **Suitable for ecosystems managers and researchers concerned with the roles of aquaculture in aquatic resource management, fisheries enhancement, and natural ecosystems**

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