



Marine Conservation Ecology (Earthscan Oceans)

By John Roff, Mark Zacharias

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This major textbook provides a broad coverage of the ecological foundations of marine conservation, including the rationale, importance and practicalities of various approaches to marine conservation and management. The scope of the book encompasses an understanding of the elements of marine biodiversity - from global to local levels - threats to marine biodiversity, and the structure and function of marine environments as related to conservation issues.

The authors describe the potential approaches, initiatives and various options for conservation, from the genetic to the species, community and ecosystem levels in marine environments. They explore methods for identifying the units of conservation, and the development of defensible frameworks for marine conservation. They describe planning of ecologically integrated conservation strategies, including decision-making on size, boundaries, numbers and connectivity of protected area networks. The book also addresses relationships between fisheries and biodiversity, novel methods for conservation planning in the coastal zone and the evaluation of conservation initiatives.

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Editorial Review

Review

"This book will be invaluable to all of us, to inform us and educate us about why marine conservation is such a pressing necessity in the 21st century, underpinning the health and wealth of ours and future generations." – *Dan Laffoley, Senior Advisor, Marine Science and Conservation, IUCN's Global Marine and Polar Programme, and Marine Vice Chair, IUCN's World Commission on Protected Areas.*

"There has been a need for a major work in this field for a decade or more, and Roff and Zacharias have filled that gap. This book provides a rich, well-ordered and holistic vision of the marine environment, providing a critical framework and context for the development of marine conservation. It will be an invaluable tool for conservation practitioners and policy experts, lecturers and their students." – *Mark D Spalding, Senior Marine Scientist, Global Marine Team, The Nature Conservancy and Conservation Science Group, University of Cambridge, UK.*

"Roff and Zacharias have taken on the Herculean task of compiling the science foundation needed for successful marine conservation and management, and the result is a rich and rewarding synopsis of the most pertinent themes in marine ecology, presented in a user-friendly manner that lends itself to rapid uptake by planners, managers, environmentalists, and students alike." – *Tundi Agardy, Executive Director, Sound Seas.*

About the Author

John Roff was Professor and Canada Research Chair in Environmental Science and Conservation at Acadia University, Canada, and is now European Scholar in the EU Erasmus Mundus Programme.

Mark Zacharias is Adjunct Associate Professor of Geography at the University of Victoria, Canada, and Assistant Deputy Minister with the Province of British Columbia, Canada.

The book also includes earlier contributions by Jon Day, who is currently Director, Ecosystem Conservation and Sustainable Use, with the Great Barrier Reef Marine Park Authority in Australia. Jon's contributions primarily occurred during the late 1990s when he was working in North America, but today Jon's expertise is widely recognized in marine spatial planning and marine management matters.

Users Review

From reader reviews:

Wanda Leopard:

Reading a guide tends to be new life style in this era globalization. With examining you can get a lot of information that can give you benefit in your life. With book everyone in this world could share their idea. Guides can also inspire a lot of people. Many author can inspire their own reader with their story or their experience. Not only the storyplot that share in the books. But also they write about the ability about something that you need example. How to get the good score toefl, or how to teach your children, there are

many kinds of book that exist now. The authors nowadays always try to improve their ability in writing, they also doing some exploration before they write to the book. One of them is this Marine Conservation Ecology (Earthscan Oceans).

Charles Wright:

Why? Because this Marine Conservation Ecology (Earthscan Oceans) is an unordinary book that the inside of the reserve waiting for you to snap the item but latter it will distress you with the secret that inside. Reading this book adjacent to it was fantastic author who write the book in such awesome way makes the content within easier to understand, entertaining means but still convey the meaning entirely. So , it is good for you because of not hesitating having this any more or you going to regret it. This book will give you a lot of positive aspects than the other book include such as help improving your ability and your critical thinking means. So , still want to hold up having that book? If I had been you I will go to the book store hurriedly.

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