

# Plastic Pollution and Marine Conservation

## Approaches to Protect Biodiversity and Marine Life

Edited by : **Giuseppe Bonanno**, Civil and Environmental Engineer, University of Catania, Italy and **Martina Orlando-Bonaca**, Marine Biologist, National Institute of Biology, Marine Biology Station Piran, Slovenia

Print ISBN: 9780128224717

PUB DATE: May 01, 2022

LIST PRICE: £127.00 / \$165.00 / €144.00

FORMAT: Paperback

TRIM: 6w x 9h

PAGES: c. 368

Approx. 100 illustrations (100 in full color)

**Addresses the global issue of marine plastic debris through a scientific and popular approach**

### KEY FEATURES

- Illustrates the evolution of plastics, from revolutionary materials to global environmental emergency
- Discusses marine plastic pollution with scientific rigor and easy language that is supported by graphics and tables
- Led by a team of editors with expertise in biology, pollution, conservation and policies of marine wildlife, biodiversity and ecosystems

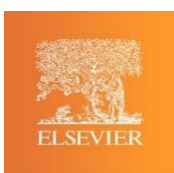
### DESCRIPTION

*Plastic Pollution and Marine Conservation: Approaches to Protect Biodiversity and Marine Life* provides comprehensive knowledge on the consequences of plastic waste in marine environments at different levels, ranging from ecological and biological, to social, economic and political. The book synthesizes historical information, gaps in current knowledge, and recent discoveries by illustrating the main stages that made plastics a global issue for ocean ecosystems and their wildlife. Written by international experts on marine pollution, marine biology, and management of environmental resources, this book explores the main topics of marine plastic pollution such as input quantification, polluting sources, ultimate fate, ecological consequences, and more.

This an important resource for a wide audience, including marine conservationists, environmental managers, decision-makers, NGOs, private companies, and activists working to combat plastics in our seas and oceans.



\*Prices are subject to change without notice. All Rights Reserved.



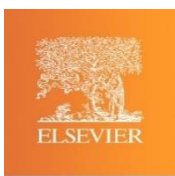
**LIFE SCIENCES: Marine Biology**

Order online at <https://www.elsevier.com/>

Use promo code **LIFE30** for 30% discount and free shipping!

# Table of Contents

1. Marine plastics: What's wrong with them?
2. Microplastics in seawater and sediments: Distribution and transport
3. Fate, transport and impact of plastic debris on plankton organisms
4. Plastic impact on marine benthic organisms and food webs
5. Plastic impact on sharks and rays
6. Marine organisms as bioindicators of plastic pollution
7. Marine protected areas and plastic pollution
8. Microplastics pollution: A thriller with many leading roles and an unknown ending
9. Perspectives on marine plastics



**LIFE SCIENCES: Marine Biology**

Order online at <https://www.elsevier.com/>

Use promo code **LIFE30** for 30% discount and free shipping!