

Methods for the Study of MARINE BENTHOS

FOURTH EDITION

Edited by **Anastasios Eleftheriou**

based at the Hellenic Centre for Marine Research, Heraklion, Crete, Greece,
and at the Department of Biology, University of Crete, Heraklion, Greece

The continuing global decline of the health of the sea, and the increasing depletion of marine resources and biodiversity, caused by human activity and climate change, have led to ever increasing international concern. These changes in the marine environment highlight the importance of effective monitoring of the ecology of the benthos which has been shown to be a sensitive index of such alterations.

Completely revised and updated to include many new methods and technologies, this Fourth Edition of *Methods for the Study of Marine Benthos* provides comprehensive coverage on the tools and techniques available to those working in the area. Commencing with an overview of the design and analysis of benthic surveys, the book continues with chapters covering the sedimentary environment, imaging and diving techniques, macro- and meiofauna techniques, deep sea sampling, energy flow and production. An additional new chapter provided in this edition covers phytobenthos techniques.

Written by many of the world's leading authorities in marine sampling techniques and use, and edited by Professor Anastasios Eleftheriou, this comprehensive Fourth Edition is an essential tool for all marine and environmental scientists, ecologists, fisheries workers and oceanographers. Libraries in all research establishments and universities where these subjects are studied and taught will find this book to be a hugely valuable addition to their collections.

Also available from Wiley-Blackwell

**Global Challenges in Integrated
Coastal Zone Management**

Edited by E. Moksness *et al*
978 0 470 65756 0

Life in the World's Oceans

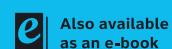
Edited by A. McIntyre
978 1 4051 9297 2

Lobsters

Second Edition

Edited by B. Phillips
978 0 470 67113 9

WILEY Blackwell



ISBN 978-0-4706-7086-6



9 780470 670866

Methods for the Study of Marine Benthos
Eleftheriou

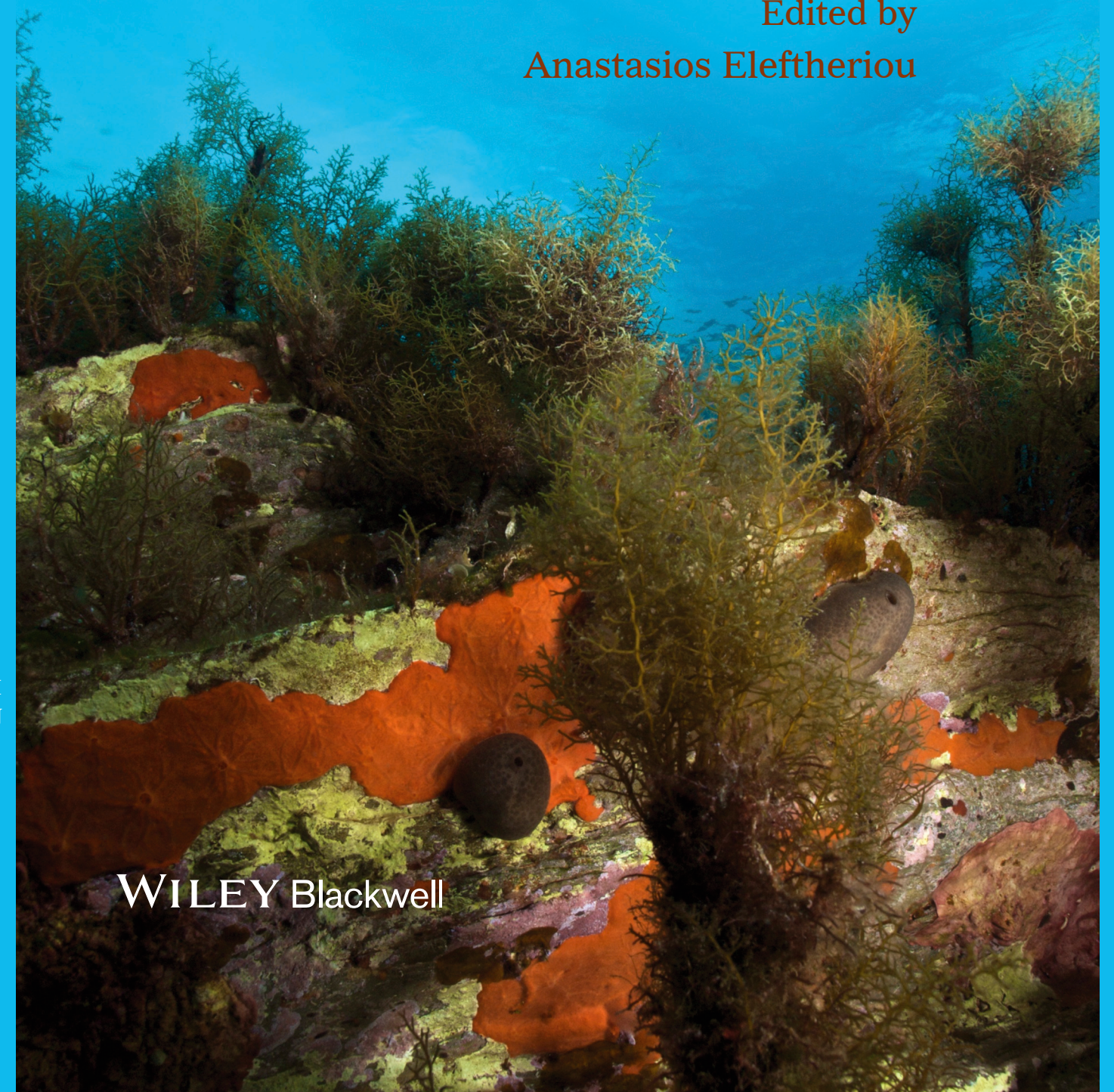
FOURTH
EDITION

WILEY
Blackwell

FOURTH EDITION

Methods for the Study of MARINE BENTHOS

Edited by
Anastasios Eleftheriou



WILEY Blackwell