



Zvy Dubinsky, Noga Stambler (Eds.)

Coral Reefs: An Ecosystem in Transition

- Offers up-to-date information of topical issues regarding biology and ecology of coral reefs New analysis of reef ecosystems, including reassessment of the roles of invertebrates and fish State of the art analysis of coral calcification and the effects of ocean acidification on this process

This book covers in one volume materials scattered in hundreds of research articles, in most cases focusing on specialized aspects of coral biology. In addition to the latest developments in coral evolution and physiology, it presents chapters devoted to novel frontiers in coral reef research. These include the molecular biology of corals and their symbiotic algae, remote sensing of reef systems, ecology of coral disease spread, effects of various scenarios of global climate change, ocean acidification effects of increasing CO₂ levels on coral calcification, and damaged coral reef remediation. Beyond extensive coverage of the above aspects, key issues regarding the coral organism and the reef ecosystem such as calcification, reproduction, modeling, algae, reef invertebrates, competition and fish are re-evaluated in the light of new research and emerging insights. In all chapters novel theories as well as challenges to established paradigms are introduced, evaluated and discussed. This volume is indispensable for all those involved in coral reef management and conservation.

2011, IX, 552 p.

Printed book

Hardcover

279,99 € | £249.99 | \$349.99

^[1]299,59 € (D) | 307,99 € (A) | CHF

330,50

Softcover

199,99 € | £179.99 | \$249.99

^[1]213,99 € (D) | 219,99 € (A) | CHF

236,00

eBook

160,49 € | £143.50 | \$189.00

^[2]160,49 € (D) | 160,49 € (A) | CHF

188,50

Available from your library or
springer.com/shop

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

