DESCRIPTION

With its integral treatment of ecosystem and resource management, this is the only overview of the field to address current thinking and future trends. All contributions have been written with the novice in mind, explaining the basics and highlighting recent developments and achievements.

Unmatched in scope, this two-volume reference covers both traditional and well-established areas of marine biotechnology, such as biomass production, alongside such novel ones as biofuels, biological protection of structures and bioinspired materials. In so doing, it ties together information usually only found in widely dispersed sources to assemble a grand unified view of the current state of and prospects for this multi-faceted discipline.

The combination of the breadth of topics and the focus on modern ideas make this introductory book especially suitable for teaching purposes and for guiding newcomers to the many possibilities offered by this booming field.

ABOUT THE AUTHOR

Stéphane La Barre is a Senior Research Scientist retired from the French Centre National de la Recherche Scientifique. He obtained his MSc. degree from Auckland University, New Zealand, and his PhD from James Cook University (Townsville, Australia), before entering CNRS in 1984. His multi-disciplinary career includes marine chemical ecology, natural products chemistry of terrestrial and marine organisms and polymer chemistry. Stéphane was coordinator of the research cluster BioChiMar
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