

Paperback Re-issue

This fourth volume of the *Handbook of Phycological Methods*, with its field-oriented perspective, is a comprehensive treatment of recently developed methodologies in the rapidly advancing field of marine benthic algal ecology. Marine macroalgae are a diverse group of organisms that have evolved an astounding variety of life histories, external forms, internal anatomical features, biochemical constituents, and metabolic activities all of which are intimately related to their ecology. Despite their great ecological significance and diversity, macroalgae have not been fully utilized as experimental organisms for the examination of ecological-evolutionary questions.

The volume takes account of technological advances and an increased awareness of the advantages of natural macroalgal systems to innovative ecological experimentation. Both traditional and modern methods are presented along with the limitations of various project-specific examples. References and suggestions include how procedures may be adapted to suit different habitats, diverse algal systems, or other conditions. This work contains sufficient detail to be valuable to a wide audience, including both student and advanced researchers as well as educators throughout the academic and technical community.

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