

### Dynamics of Marine Ecosystems: Biological-Physical Interactions in the Oceans

K. H. Mann, John R. N. Lazier

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**Dynamics of Marine Ecosystems: Biological-Physical Interactions in the Oceans** K. H. Mann, John R. N. Lazier

The new edition of this widely respected text provides comprehensive and up-to-date coverage of the effects of biological—physical interactions in the oceans from the microscopic to the global scale.

- considers the influence of physical forcing on biological processes in a wide range of marine habitats including coastal estuaries, shelf-break fronts, major ocean gyres, coral reefs, coastal upwelling areas, and the equatorial upwelling system
- investigates recent significant developments in this rapidly advancing field
- includes new research suggesting that long-term variability in the global atmospheric circulation affects the circulation of ocean basins, which in turn brings about major changes in fish stocks. This discovery opens up the exciting possibility of being able to predict major changes in global fish stocks
- written in an accessible, lucid style, this textbook is essential reading for upper-level undergraduates and graduate students studying marine ecology and biological oceanography



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