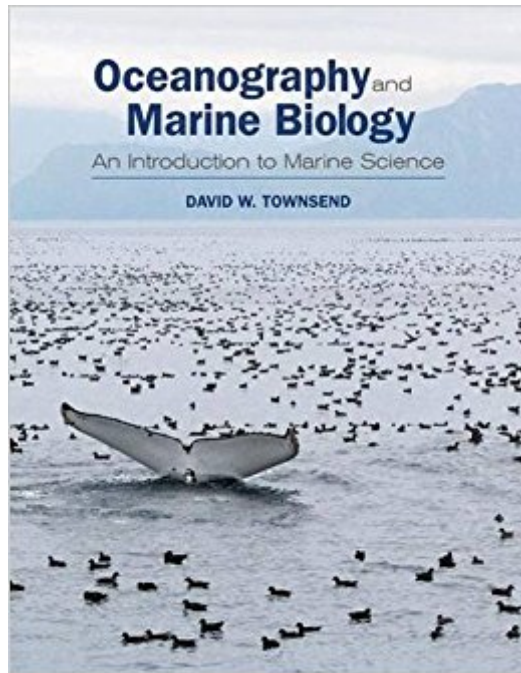


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Oceanography And Marine Biology: An Introduction To Marine Science



Synopsis

Oceanography and Marine Biology preserves the basic elements of the physical, chemical, and geological aspects of the marine sciences, and merges those fundamentals into a broader framework of marine biology and ecology. Existing textbooks on oceanography or marine biology address the companion field only cursorily: very few pages in oceanography texts are devoted to marine biology, and vice versa. This new book overcomes that imbalance, bringing these disparate marine science text formats closer together, giving them more equal weight, and introducing more effectively the physical sciences by showing students with everyday examples how such concepts form the foundation upon which to build a better understanding of the marine environment in a changing world. Lecturer supplements will also be available.

Book Information

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Customer Reviews

I'm a marine biology masters degree student and struggled with oceanography concepts throughout undergrad. This book is a great introduction to how oceanography makes sense to marine biologists. Lots of pictures and qualitative descriptions -- few equations. This author wants you to get the big picture of what is going on in the ocean to spark your interest as to why you should care about the ocean. He is not trying to confuse you with complicated concepts and equations and jargon. I highly suggest this book to all levels of education even graduate school -- this book explains a lot of concepts I am trying to wrestle with in my grad level biological oceanography in a more logical way than my assigned bio oceanography textbook. Yet it's an easy enough read that

any person mildly interested in the oceans could understand the big pictures -- the book reads like a teacher is explaining a lecture to you. Cannot recommend this book enough!

This would be a good text for upper-level undergraduate students in either oceanography or marine biology. It covers both areas in sufficient detail for a solid background; students will eventually need more advanced texts in their areas of specialization, but this is a good start. Some mathematical analysis is included in the main text, and more is provided in boxes, allowing flexibility for the instructor or student. There are a few minor errors that seemed to have escaped the editors, but all-in-all, it is a well written and illustrated text. The Further Reading section for each chapter is quite good. Classic and recent (up to 2010) books, reviews, and original research articles are cited.

Really awesome Oceanography and Marine Biology textbook. Great Job Dave. As a former student I can tell you still take the time to provide individuals with the best information in an easy and fun manner. Great for all levels of student.

For a mandatory textbook it is pretty well put together.

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