



## Essentials of Oceanography (Tenth Edition)

By Alan P. Trujillo, Harold V. Thurman

PHI Learning, 2011. Softcover. Book Condition: New. 5th or later edition. Thoroughly class-tested for many years, the tenth edition of the text presents in-depth discussions of oceanographic concepts. It demystifies the science even for non-science students. The systems approach highlights the relationship between oceanographic phenomena and how those phenomena affect other Earth systems. Scientific information from geology, chemistry, physics, and biology combine to illustrate how each of these disciplines relates to the ocean. The new interdisciplinary chapter The Oceans and Climate Change focuses on environmental issue of human-caused climate change and its impact on the ocean. Useful for introductory courses in Oceanography. Contents Preface ? Introduction. 1: Introduction to Planet ?Earth? 2: Plate Tectonics and the Ocean Floor. 3: Marine Provinces. 4: Marine Sediments. 5: Water and Seawater. 6: Air-Sea Interaction. 7: Ocean Circulation. 8: Waves and Water Dynamics. 9: Tides. 10: The Coast: Beaches and Shoreline Processes. 11: The Coastal Ocean. 12: Marine Life and the Marine Environment. 13: Biological Productivity and Energy Transfer. 14: Animals of the Pelagic Environment. 15: Animals of the Benthic Environment. 16: The Oceans and Climate Change. Afterword. Appendix I: Metric and English Units Compared. Appendix II: Geographic Locations. Appendix III: Latitude and Longitude on...



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