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THE GROSS CHEMICAL COMPOSITION OF SEAWATER; 6.2 SOURCES AND SINKS, OR WHY THE SEA IS SALT; 6.3 CHEMICAL AND BIOLOGICAL REACTIONS IN SEAWATER; 6.4 SUMMARY OF CHAPTER 6
CHAPTER 7. SEAWATER AND THE GLOBAL CYCLE7.1 A SHORT HISTORY OF SEAWATER; 7.2 A LOOK AHEAD; 7.3 SUMMARY OF CHAPTER; APPENDIX: CONVERSIONS BETWEEN pH AND [H⁺]; SUGGESTED AND COMMENTS READING; ANSWERS AND COMMENTS TO QUESTIONS; ACKNOWLEDGEMENTS; INDEX

Sommario/riassunto

'Seawater' has been substantially updated in this second edition to take account of recent developments in marine science. Sections dealing with difficult physical and chemical concepts have been developed on the basis of feedback from the first edition, making this an ideal learning tool for oceanography students. Chapter 1 summarizes the special properties of water and the role of the oceans in the hydraulic cycle. The distribution of temperature and salinity in the oceans and how they influence water density and movements is then discussed. Light and sound in seawater are considered.

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Sommario/riassunto	The bestselling reference on environmental microbiology-now in a new edition This is the long-awaited and much-anticipated revision of the bestselling text and reference. Based on the latest information and investigative techniques from molecular biology and genetics, this Second Edition offers an in-depth examination of the role of microbiological processes related to environmental deterioration with an emphasis on the detection and control of environmental contaminants. Its goal is to further our understanding of the complex microbial processes underlying environmental degrad