Oceanography Tom Garrison 7th Edition

Vols. 8-10 of the 1965-1984 master cumulation constitute a title index.
Presents articles on oceanography, including biological, geographic and chemical processes, significant people, history and marine technology.
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Essentials of OceanographyCengage Learning
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Constituting more than 70 percent of Earths surface, the worlds oceans are so vast as to remain something of an enigma to this day. Navigating these imposing seas and unlocking their secrets is the calling of oceanographers. Their research helps determine what climatic, geologic, and chemical impact oceans have on a variety of organisms. In spite of their magnitude and might, the worlds oceans are not immune to the effects of adverse human activity, such as pollution. This volume surveys this huge, but fragile, ecosystem and the individuals who help fight for the preservation of this vital resource that has critical significance to all earthly life.
ESSENTIALS OF OCEANOGRAPHY 7e provides a basic understanding of the scientific questions, complexities, and uncertainties involved in ocean use, and the role and importance of oceans in nurturing and sustaining life on the planet. The new edition was created as part of a unique partnership with the National Geographic Society, an organization that represents a tradition of inspiring stories, exceptional research, and first-hand accounts of exploration. Using exclusive content from the National Geographic Society's world-renowned photos, graphics, and map collections, the text offers the most dynamic and current introduction to oceanography available today. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.
Georges Borchardt????
During recent years, large-scale investigations into global climate change and other highly visible issues have taken the lion's share of declining research funds. At the same time, funding for basic research in such core disciplines as physical oceanography, biological oceanography, chemical oceanography, and marine geology has dwindled. Global Ocean Science examines how the largest U.S. ocean research programs, such as the Ocean Drilling Program (ODP) and the Joint Global Ocean Flux Study (JGOFS), have significantly contributed to our understanding of the oceans. The book examines the impact of these programs on research, education, and collegiality within this diverse scientific community and offers recommendations to help ensure a vital future for ocean science, including: Specific results of the programs such as data collected, conceptual breakthroughs, information published, demonstrable use of program products, incorporation of new knowledge into education, and contribution to policymaking and decisionmaking by federal agencies. Mechanisms for efficiently identifying knowledge gaps and research questions, strategic planning of research programs, managing competitive proposals, securing needed resources, and more. This practical book will be welcomed by ocean investigators, users of oceanographic research findings, policymakers, administrators, educators, and students.
The Seventh Edition of OCEANOGRAPHY: AN INVITATION TO MARINE SCIENCE maintains the author's enthusiasm for his subject and engaging writing style, which have made this text a trusted and effective favorite among non-science students. Tom Garrison brings focus and excitement to students' natural interest in the ocean by drawing on more than thirty years of teaching experience, as well as the extensive suggestions he collects from students while preparing each new edition. OCEANOGRAPHY provides a basic understanding of the scientific questions, complexities, and uncertainties involved in ocean use, as well as the role and importance of the ocean in nurturing and sustaining life on the planet. Garrison also emphasizes the interdisciplinary nature of marine science, stressing its links to biology, chemistry, geology, physics, meteorology, astronomy, ecology, history, and economics. In addition to coverage of new research, the Seventh Edition features increased information on climate change, with icons throughout the book to help students easily identify and connect the many factors that affect the world's climate and oceans. An outstanding range of support resources, including many multimedia items, is also available to complement the text and make teaching and learning even more effective. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.
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Each new print copy includes Navigate 2 Advantage Access that unlocks a comprehensive and interactive eBook, student practice activities and assessments, a full suite of instructor resources, and learning analytics reporting tools.The bestselling Invitation to Oceanography continues to provide a modern, comprehensive, and student-friendly introduction to this fascinating field. Spanning the four major divisions of ocean science--geology, chemistry, physics, and biology-- it is an ideal text for majors and nonmajors alike. The Seventh Edition has been updated with sophisticated and cutting-edge graphics and photos throughout, and includes trending content on climate change, Superstorm/Hurricane Sandy, and the tsunami in Japan. Updated and expanded feature boxes reinforce key concepts and support knowledge building, and additional information on current research and the clinical and practical applications of oceanography contextualize scientific ideas within a real-world framework. Accessible yet substantive, Invitation to Oceanography, Seventh Edition is the ideal resource for anyone diving into the thrilling depths of the world's oceans.With Navigate 2, technology and content combine to expand the reach of your classroom. Whether you teach an online, hybrid, or traditional classroom-based course, Navigate 2 delivers unbeatable value. Experience Navigate 2 today at www.jblnavigate.com/2
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This introduction to oceanography text uses an interdisciplinary approach and emphasizes the discipline's connections with astronomy, physics, chemistry, meteorology, geology, biology, ecology, history, and economics. It strives to enhance students' natural enthusiasm for the ocean, including many full-color illustrations and photographs and a writing style that is clear, personal, and lively. Extensive reviewing by experts and students ensure the text's readability, accuracy, and currency. This book is the #1 seller in oceanography.

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