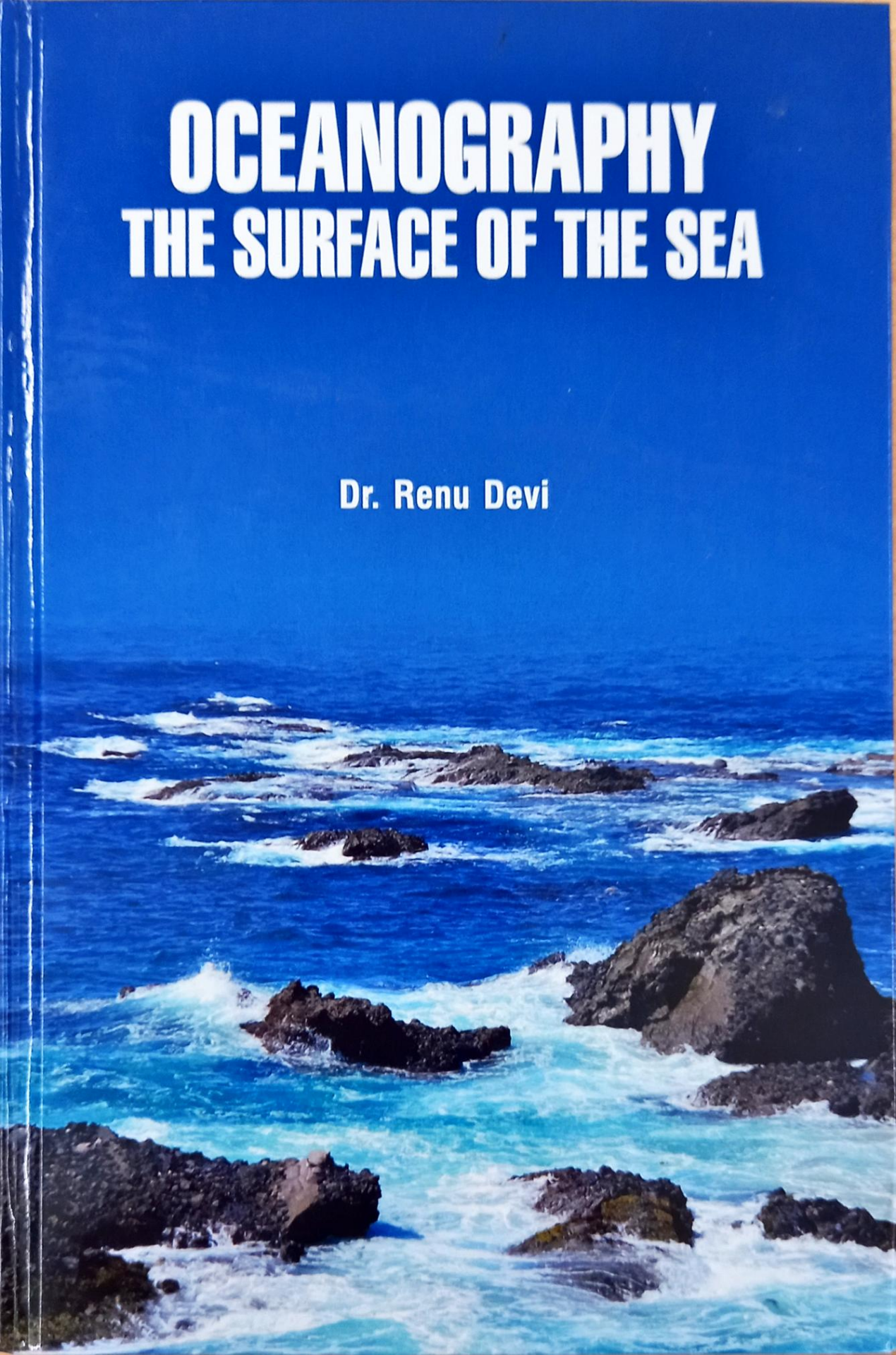
OCEANOGRAPHY
THE SURFACE OF THE SEA

Dr. Renu Devi



Oceanography: The Surface of the Sea

Dr. Renu Devi

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Oceanography is the study of the deep sea and shallow coastal oceans: biology, chemistry, geology and physics together make oceanography a richly interdisciplinary science. Oceanography, also known as oceanology and marine science, is the branch of Earth science that studies the ocean. Marine mammals live, feed, and reproduce in a vast, three dimensional fluid environment—the ocean. Air-breathing necessitates frequent attendance to the sea surface for all marine mammals, whereas pinnipeds cannot reproduce in the water and have thus retained a close tie to land or ice. Despite these ties to the boundaries of the ocean environment, oceanography is an important part of the study of marine mammals. Marine habitats can be divided into coastal and open ocean habitats. Coastal habitats are found in the area that extends from as far as the tide comes in on the shoreline out to the edge of the continental shelf. Most marine life is found in coastal habitats, even though the shelf area occupies only seven percent of the total ocean area. Open ocean habitats are found in the deep ocean beyond the edge of the continental shelf. Oceanographic environment in its all dimensions is thoroughly discussed in this book.

Contents: Oceanography; Marine Archaeology and Conservation; Biological Oceanography; Oceans and Current Environmental Issues; The Sea-Level; Marine and Water Pollution; Ocean and Wave Spectra.

About the Author

Dr. Renu Devi : (MA, Ph.D Geography) is presently working as Assistant Professor in D. J. College Baraut, Bagpat which affiliated to Ch. Charan Singh University Meerut Uttar Pradesh, India. She has more than five year teaching experience in UG/PG classes of geography and also supervise the project work at PG level. She has proposed the Nobel thought on "Integrated Rural Development and Regional Planning" in her Ph.D thesis. She is highly expertise in Agriculture geography, Environmental, and Medical geography and covered various national and international conferences on remote sensing and Geographic information system (GIS)". She has published various research paper in environmental geography, agriculture geography and advanced medical geography and climate changes. She has been awarded the honor of Rani Laxmibai SSDAT Award for outstanding contribution in the field of geography in 2010 by Society for Scientific Development in Agriculture and technology Jhansi UP (India) and Excellence Teaching award-2011 by Rastriya Shaikshik Mahasang, Uttar Pradesh.

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