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SNAME Publications Releases Elements of Ocean Engineering

Landmark Maritime Architecture Text Updated by Award-winning Professor

Elements of Ocean Engineering

Author: Dr. Robert E. Randall

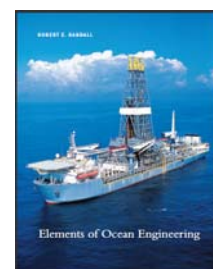
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About the Book:

Originally issued in 1997, *Elements of Ocean Engineering* has been thoroughly updated and revised by its award winning author. Intended for use in first courses, the revised edition will continue to provide ocean engineering students with an overview of the field. It may also be used to supplement courses in coastal engineering, offshore structures, underwater systems and mooring, underwater acoustics, and floating bodies. *Elements of Ocean Engineering* extensively addresses the topics of offshore structures, coastal processes and structures, floating and submerged body hydrodynamics, subsea systems and mooring, and acoustics. Materials and corrosion, instrumentation, physical modeling, and the regulatory, safety, and environmental stewardship are described and an overview of ocean engineering design are discussed. The nomenclature unique to ocean engineering and useful material properties and conversion factors are available in the appendices.

Ocean engineering is an extremely exciting and challenging field addressing the development of the ocean frontier. The oceans will undoubtedly continue to be a major factor in the development of renewable energy (wind, current, and wave). The challenges in the field of ocean engineering are extensive, and the progress will continue to benefit mankind.

About the Author:

Dr. Robert E. Randall is a much-lauded teacher and educator of Naval Architecture. Dr. Robert E. Randall graduated from Ohio State University with a Bachelor of Mechanical Engineering degree in 1963. Afterwards, he served in the U.S. Navy as a submarine officer from 1963-1967 on the diesel submarines, USS Grenadier and Grouper. He entered graduate studies in ocean engineering at the University of Rhode Island in 1967 where he received a Master of Science degree in 1969 and a doctor of philosophy degree in 1972. Following three years in industry the opportunity to teach and conduct research in the new Ocean Engineering Program at Texas A&M University brought Dr. Randall to Texas in 1975. He has taught and conducted research in ocean engineering at Texas A&M since that time and now holds the Bauer Endowed Professorship.



Dr. Robert E. Randall

Dr. Randall is a Fellow of the Society of Naval Architects and Marine Engineering. He is a member of the Marine Technology Society and the Board of Directors for the Western Dredging Association and the Technical Committee of Ocean Engineering for the Coastal, Ocean, Ports, and Rivers Institute of the American Society of Civil Engineering.

Dr. Randall has received many awards that include: Texas A&M Association of Former Students in College of Engineering distinguished teaching award (1991); the Birdwell teaching award (1996); the Zachry teaching award (2002) SNAME Webb Medal (2005); and the Halliburton Professor (2007).

The Society of Naval Architects and Marine Engineers is an internationally recognized non-profit, technical, professional society of individual members serving the maritime and offshore industries and their suppliers. Founded in 1893, the Society comprises over 10,000 individuals throughout the United States, Canada and abroad. Membership is open to all qualified applicants in or associated with the maritime, offshore, and small craft industries

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