Foreword from the Editor-in-Chief

R. Cengiz Ertekin

Published online: 13 December 2014
© Springer International Publishing AG 2014

I would like to welcome you to the premiere issue of the *Journal of Ocean Engineering and Marine Energy*, a peer-reviewed and broad-scope journal that aims at bridging the gap between physical oceanography, ocean engineering and marine renewable energy, and which addresses both academics and practicing professionals. Original articles of archival value covering research and development topics, which span all areas of ocean engineering and marine energy, are published by this journal. In addition to new advances in traditional and more established areas of ocean engineering and marine energy, we strive to include findings on both emerging and interdisciplinary issues.

The Journal is designed to advance scientific knowledge and to foster innovative engineering solutions in coastal engineering, offshore engineering, marine renewable energy, as well as climate change and the resulting sea-level rise, among other fields.

Clearly, there are a number of journals covering the above-mentioned areas. This journal will be unique in that it encourages authors to submit works addressing fundamental and scientific aspects together with practical/engineering issues, works that may otherwise appear in journals whose readership is rather interested in only one aspect or the other. Through a careful selection of manuscripts, our goal is to present mathematical, physical and engineering research and development issues related to the oceans under one roof and at a very high quality. As I firstly envisioned this journal in 2013 and approached Springer about it, I was glad to see how quickly they recognized the need for this type of publication.

Many of the features that you will see in the Journal are a result of the excellent work of the Publishing Editor, Dr. Leontina Di Cecco, the Editorial Office Assistant, Ms. Lena Weiler, and the Production Coordinator, Ms. Andrea Kuebler. I am indebted to them for their dedicated and professional work of countless hours. Of course, a journal cannot be a good one without having an outstanding group of Associate Editors and Advisory Board members. This is a truly remarkable group of colleagues, the best in their fields as prolific writers, excellent teachers and practitioners. I cannot be more appreciative of their acceptance to serve on the Editorial Board than thanking them again for their unwavering help. My gratitude goes to all of them.

Let me also introduce myself to those of you whom I have not had a chance to know. I received an undergraduate Diploma in Engineering from the Department of Naval Architecture and Marine Engineering at the Technical University of Istanbul, where I received the advice of Prof. M. Cengiz Dokmeci, and both an MS and a Ph.D. degrees from the Department of Naval Architecture and Offshore Engineering at the University of California at Berkeley. I am indebted to Prof. Dokmeci who encouraged me to further my studies at U.C. Berkeley. I completed the studies for my Master's degree under the guidance of both Prof. Marshall P. Tulin and Prof. William C. Webster. After that, I worked as design engineer for the Chevron Oil Company in San Francisco. Subsequently, I completed my Ph.D. work under the guidance of Prof. John V. Wehausen, one of the pioneers in pre-cursor soliton generation, and with the advices of Prof. Paul M. Naghdi and Prof. William C. Webster (Fig. 1). After a post-doctoral stay at Berkeley, I worked for the Shell Oil Company in Houston as a research engineer. Following that I became a faculty member in the Department of Ocean and Resources Engineering at the University of Hawaii, where I am currently continuing my work. During my time in Hawaii,

R. C. Ertekin (✉)
Department of Ocean and Resources Engineering,
University of Hawaii at Manoa, Honolulu, HI 96822, USA
e-mail: erte kin@hawaii.edu

Fig. 1 In the library of the former Naval Architecture Building, known as “Noah’s Ark”, on the U.C. Berkeley campus, April 1999: (from left) Prof. Ronald W. Yeung, Prof. John V. Wehausen, me, Prof. William C. Webster; all three of us were students of Prof. Wehausen (1913–2005)

I have been teaching and doing research on nonlinear shallow water waves, wave energy, hydroelasticity, oil spills, and many other issues, including coastal engineering problems on tsunami and storm surge loads on coastal bridges. I have been serving on the editorial boards of a number of other journals, and I am a Fellow of both the American Society of Mechanical Engineers and the Society of Naval Architects and Marine Engineers.

The premiere issue of this journal includes seven papers written by authors from different countries, such as Australia, France, Greece, Israel, Japan, Portugal, United Kingdom, and United States. This remarkable statistic clearly shows that this journal will be truly international. Moreover, the articles span a wide range of topics, including renewable energy, cnoidal wave loads, floating structure dynamics, beach erosion, safety of low-lying coastal areas, hydraulic experiments of breakwater blocks, and the hydrodynamics of prolate spheroids. One book review is also included in the present issue.

I would like to emphasize that review articles on emerging and interdisciplinary areas encompassing science and engineering in the ocean environment and proposals for coordinating special issues are very much encouraged. We also intend to occasionally include book reviews. Moreover, I would like to remind all potential authors that you may choose between two options: publishing open access or using traditional subscription-based publishing. Currently, there is no page charge or page number limit (at the discretion of the editors) for papers published in the Journal.

Finally, I thank all the authors, reviewers and readers for their support. Please do not hesitate to contact me if you have any suggestions or comments for this journal. I look forward to receiving your manuscript contribution.