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# Wind and Wave Renewable Energy Systems, Volume II

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# **Message from the Guest Editors**

Dear Colleagues,

Wind and wave renewable energy systems offer a vast potential for growth. The onshore and offshore exploitation of wind and nearshore and offshore wave energy absorption are setting new challenges for economic development, while in parallel reducing carbon emissions. This Special Issue of *Fluids* is dedicated to recent advances in the area of wind and wave power. The aim is to demonstrate novel harvesting methodologies or knowledge for electricity production, such as new technologies for wind turbine rotors for wind power, PTO characteristics, oscillating water column air turbines with a control system, water turbines, etc. for wave power, or hybrid multipurpose systems for combined wind and wave energy absorption and broader ocean space utilization at large.

Prof. Dr. Ioannis K. Chatjigeorgiou Dr. Dimitrios N. Konispoliatis *Guest Editors* 











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## **Message from the Editor-in-Chief**

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