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Fluid Dynamics in Marine and Hydrokinetic Energy System

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Deadline for manuscript
submissions:

closed (31 December 2020)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to provide a forum for communicating recent advances in Marine and hydrokinetic (MHK) energy research from the fluid dynamics point of view. Topics of interest comprise, but are not limited to, the following:

- Computational fluid dynamics modeling and analysis;
- Laboratory and field scale experimental studies;
- Resource characterization;
- Design and testing of MHK devices;
- Design and optimization of device layouts;
- Impact of MHK devices on the health of aquatic environments;
- Effects of MHK devices on the transport of debris and sediments;
- Impact on waterway stability.

Prof. Dr. Fotis Sotiropoulos

Prof. Dr. Xiaolei Yang

Guest Editors



mdpi.com/si/22854

Special Issue



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Message from the Editor-in-Chief

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Journal Rank: CiteScore - Q1 (*Engineering (miscellaneous)*)

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