



## Biofouling Detection and Extent Estimation in Ocean Energy Harvesting Systems

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### Message from the Guest Editors

Dear Colleagues,

Ocean energy is a promising renewable energy source due to its high energy density, stability, and predictability. However, biofouling remains a significant challenge, affecting the performance and longevity of the deployed systems.

This Special Issue aims to explore the latest advancements, emerging trends, and challenges in biofouling detection and its extent estimation for predictive maintenance purposes. Researchers and practitioners in the fields of renewable energy, marine biology, data science, and related disciplines are encouraged to contribute to this Special Issue. The submitted papers should provide insightful analyses and practical implications and highlight promising advancements in biofouling detection and estimation for tidal stream turbines.

Best,

Prof. Dr. Mohamed Benbouzid

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*Guest Editors*





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## Message from the Editor-in-Chief

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