

## Special Issue

# New Challenges of Offshore Wind

### Message from the Guest Editors

Offshore wind technologies have gained strong notoriety in the past decade, as they have been shown to operate reliably and with capacity factors that surpass those registered on onshore farms. However, offshore wind still faces many challenges, which are usually related with the elevated costs of these technologies. We invite researchers to submit research related but not limited to the following topics (including review papers):

- Offshore wind cost reduction drivers;
- Technoeconomic studies of offshore wind implementation;
- Decisions on life extension and repowering;
- Structural evaluation of new concepts for offshore wind;
- Structural validation of offshore wind structures and moorings;
- Development of hybrid systems (p.e. offshore wind + hydrogen);
- Reliability and maintenance procedures of offshore wind;
- Environmental impacts of offshore wind farms.

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### Guest Editors

Dr. Elsa Henriques

Dr. Brian F. Snyder

Dr. Luis Reis

Dr. Mário Alberto Vieira

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### Deadline for manuscript submissions

closed (30 November 2021)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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