

Special Issue

Sustainable Management and Protection in Offshore and Ocean Engineering

The ocean is an important part of the global life support system and a valuable asset for the sustainable development of society. It plays a key role in shaping our planet and is vital to both natural ecosystems and human society. Due to global warming and rising sea levels, extreme marine events are occurring with increasing frequency. Chemical pollution, plastic pollutants and poorly managed industrial activities contribute to the loss of marine biodiversity. These have brought new ecological problems and challenges to the safety of coastal and offshore structures and have also promoted the development of many new ocean engineering technologies. Therefore, eco-friendly treatment/management of marine pollution for the purpose of protecting the oceans is gaining increasing attention.

Special Issue Information

In this special issue, we welcome contributions from the fields of bioremediation of marine pollution, discovery of marine biological resources, sustainable marine aquaculture, innovative methods of biological resource investigation and eco-friendly fish stocking.

Topics of interest include but are not limited to:

- Sustainable management of marine pollutants;
- Discovery of marine microbial resources for bioremediation;
- Applications of new marine species;
- Sustainable mariculture;
- Fish stocking management;
- Innovate methods to conduct fishery resource surveys;
- Marine renewable energy systems;
- Impact of anthropogenic actions on coastal and offshore ecosystems
- Innovative analysis technology for ocean engineering;
- Ecological engineering in coastal areas;
- Hydrodynamic modeling of digital twins of offshore and marine ecosystems;
- Sustainable coastal development.

Guest Editor Team

- Prof. Dr. Sohail Nadeem, Quaid-I-Azam University, Pakistan
sohailnadeem240@gmail.com
- Olusegun A. Dada, Federal University of Technology, Nigeria
oadada@futa.edu.ng
- Hem Bahadur Motra, University of Kiel, Germany
hem.motra@ifg.uni-kiel.de
- Prof. João Miguel Dias, University of Aveiro, Portugal
joao.dias@ua.pt
- Rafael Morales Herrera, University of Castilla-La Mancha, Spain
Rafael.Morales@uclm.es

- Niamat Ullah Ibne Hossain, Arkansas State University, United States
nibnehossain@astate.edu
- Luca Martinelli, Università di Padova, Italy
luca.martinelli@unipd.it

Submission Guideline

Please submit your manuscript to the guest editor, Prof. Dr. Sohail Nadeem, at sohailnadeem240@gmail.com, and CC the editor-in-chief of JMEE, Chaoqi Zhu, at zhuchaoqi@ouc.edu.cn

Important Date

Submission deadline: 30 April, 2025