



Offshore Hydrocarbon Resources: Sustainable Development and Long-Term Forecasting

Guest Editors:

Prof. Dr. Alexey Cherepovitsyn

Economics, Organization and Management Department, Saint Petersburg Mining University, Saint Petersburg, Russia

Dr. Alina Cherepovitsyna (Ilinova)

Luzin Institute for Economic Studies, Kola Science Centre of the Russian Academy of Sciences, Apatity, Russia

Deadline for manuscript submissions:

closed (31 March 2021)

Message from the Guest Editors

Dear Colleagues,

Due to the significant hydrocarbon resources on the Arctic shelf, these territories could eventually become the main oil and gas producing region globally. The main focus of this Special Issue will be on research related to the long-term forecasting of Arctic marine oil and gas resource exploration and development and ensuring the sustainability of the energy sector. The methods and approaches of strategic planning and forecasting, that can be used in modeling the potential of Arctic industrial oil and gas complex and logistic systems, also appear as one of the most important research areas. We hope that research will address issues of ecologically balanced and socially sustainable development of marine and coastal territories of the Arctic. It is necessary to address the problem that innovations, engineering, and management decisions must have a low carbon focus. This Special Issue will contribute to the evolution of the methods of strategic planning and forecasting of Arctic marine industrial and logistic complex, based on oil and gas production, in the context of the concept of sustainability.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
School of Engineering, The UWA
Oceans Institute, The University
of Western Australia, Perth, WA
6009, Australia

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed with Scopus, SCIE (Web of Science), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean Engineering)

Contact Us

*Journal of Marine Science and
Engineering* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jmse
jmse@mdpi.com
X@JMSE_MDPI