



Beach Nourishment: A 21st Century Review

Guest Editors:

Prof. Dr. Juan J. Munoz-Perez

CASEM (Andalusian Higher Marine Studies Center),
Department of Applied Physics,
University of Cadiz, Puerto Real,
11510 Cadiz, Spain

Dr. Luis Moreno

Department of Hydraulics,
Energy and Environmental
Engineering, Universidad
Politécnica de Madrid, ETSI
Caminos, Canales y Puertos, C/
Profesor Aranguren, s/n, 28071
Madrid, Spain

Deadline for manuscript
submissions:

closed (31 January 2021)

Message from the Guest Editors

Erosion is experienced by most of the coastlines worldwide, and it is usually attributed not only to sea level rise but also to the retention of sand in dams, the occupation of dry beaches by urbanized areas, the mining of sand as a building material for construction, and so on. Beach nourishment has evolved as the favoured erosion-mitigation strategy in many areas of the world. The increasing number of people living on the coast, the safety of those people, and the high values of coastal property are all factors that have made beach nourishment a cost-effective strategy for managing erosion in many locations; however, a new scenario of sand scarcity and environmental care has arisen in recent decades. The purpose of this invited Special Issue is to publish the most exciting experience and research with respect to this topic. Thus, novel techniques for designing, executing, and controlling these kinds of works are welcome. Different case studies and their monitoring results and conclusions are also encouraged, in order to present an updated state of the art for marine scientists, researchers, and engineers.





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

The *Journal of Marine Science and Engineering* (JMSE; ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

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](#)