



Detection of Trace Metals in Coastal Zones

Guest Editors:

Dr. Dawei Pan

CAS Key Laboratory of Coastal Environmental Processes and Ecological Remediation, Shandong Key Laboratory of Coastal Environmental Processes, Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, Yantai 264003, China

Prof. Dr. Abida Farooqi

Department of Environmental Sciences, Quaid-i-Azam University, Islamabad 45320, Pakistan

Deadline for manuscript submissions:

closed (31 May 2022)



mdpi.com/si/92283

Message from the Guest Editors

Dear Colleagues,

Coastal zone is defined as the interface between the land and ocean. These zones are important because a majority of the world's population inhabit such zones. Coastal zones are continually changing because of the dynamic interaction between the ocean and the land. Tides, waves, winds and human activities make coastal zones high vulnerability. The environment quality of Coastal Zones has become a critical issue.

Trace metals in coastal zones are involved in various processes of marine biology, geology and chemistry, which are closely related to the concentration and speciation of metals in various medium. Therefore, the detection of trace metals is an important part of environmental monitoring in coastal zones.

The purpose of this Special issue is to highlight the current research in the fields of trace metals in Coastal Zones, including sampling, pre-treatment, concentration detection, speciation analysis, establishment and application of new methods and techniques. Within this framework, contributions on related research works are also welcome.

Prof. Dr. Dawei Pan

Prof. Dr. Abida Farooqi

Guest Editors



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