

Special Issue

Marine Geology: Mud Volcanism and Fluid Escape Structures

Message from the Guest Editors

Mud volcanism and fluid escape processes are widespread and fundamental to knowledge regarding the evolution and architecture of continental margins and sedimentary basins. The increasing resolution of surface and subsurface data has yielded many new observations on soft sediment deformation, sand injection, shale diapirism, mud volcanism, pockmarks, gassy sediments, gas and fluids migration, gas hydrates and cold seepage. New geochemical, morphometric and geophysical aspects of this phenomena are therefore emerging, allowing the emergence of new interpretations, new criteria and conclusions regarding the processes involved in these structures, their specific mechanisms, the tectonic and sedimentological controls and their significance to the basin's evolution. The Special Issue including case studies and overview papers on the multiple aspects and mechanisms of sediment mobilization in the subsurface, their control processes and significance. Novel techniques, methodologies and their case-study applications in this research theme are highly encouraged.

Dr. Vitor Hugo Magalhaes
Dr. M. Carmen Fernandez Puga
Dr. Luís Menezes Pinheiro

Guest Editors

Dr. Vitor Magalhães
Dr. María del Carmen Fernández-Puga
Prof. Luis Menezes Pinheiro

Deadline for manuscript submissions

closed (30 November 2020)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/51378

*Journal of Marine Science and
Engineering*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

mdpi.com/journal/

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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