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 MagalhaesDr. M. Carmen Fernandez PugaDr. Luís Menezes Pinheiro

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2020)

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About the Journal

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.

Editor-in-Chief

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