Special Issue

Application of Coastal/Ocean Sensors and Systems

Message from the Guest Editors

Addressing recent needs for extended spatial and temporal in situ ocean data, new research is implemented worldwide to develop and apply cost-effective subsea in situ sensors suitable for large scale production and capable of integration in existing and forthcoming monitoring/observation systems with regard either to coastal ecosystems and/or deep sea environments. New generation in situ sensors monitoring bio-physicochemical magnitudes, and more specifically EOVs, are of high interest in supporting scientific disciplines related to ocean health, ocean safety, and ocean resources. New technological advancements have resulted in key operational advantages with respect to autonomy, minimization of dimensions, low-power consumption, robustness, stability, and prolonged operation periods. Data pre-processing, standardisation, interoperability, and transmission are also strong advantages for the new generation subsea sensors and systems allowing integration capability of sensors on multiple measuring platforms (stationary/fixed, underwater mobile vehicles, ships of opportunity) in ocean observation data networks.

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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.

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