Special Issue

Remote Sensing in Coastline Detection

Message from the Guest Editor

The coastal environment is a dynamic ecosystem, where the phenomena of erosion are influenced by numerous factors, such as meteorological/climatic, geological, biological and anthropic. This erosion has worrying effects on the environment, infrastructure, life-lines, and buildings; furthermore, climate change is exacerbating an already fragile situation. We are witnessing a high-risk situation and we are convinced that this is the most appropriate time to focus on the state-of-the-art of remote sensing techniques for shoreline monitoring. The improvements in the spatial and spectral resolution of current and next generation satellite-based sensors and the significant progress in the spatial data processing identify the Remote Sensing techniques to allow for a further step forward our knowledge of territory and the coast line. This Special Issue aims to highlight an overview of all multiscale remote sensing techniques (high resolution images, photogrammetry, SAR, etc.) and a whole array of methods and techniques for the processing, analysis and discussion of multitemporal remotely sensed data.

Guest Editor

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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.

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