



Benthic Habitat Classification Based on Conventional and Multispectral Imagery

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Message from the Guest Editor

Dear Colleagues,

Most of the world's coastlines are dominated by ecologically and economically important species that provide numerous ecosystem services. The additional structure provided by temperate and tropical reefs sustain food webs by providing food and shelter for a wide variety of species including herbivores, detritivores, predators and other filter feeders.

Main source of information about habitats is imagery—acoustic techniques have too low resolution and may provide indirect data only about substrate and facies. Due to strong wavelength-dependent absorption of light by water, conventional RGB imagery often yields deceiving color measurements with only useful data being sizes and shapes. Multispectral imagery supplies researchers with the most reliable information, but requires accurate knowledge of many parameters, including water properties, illuminant spectrum, etc.





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Message from the Editor-in-Chief

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