Special Issue

Earth Observation Technology Applied to Coral Reefs

Message from the Guest Editor

Papers in this Special Issue will move on from the starting point of reef mapping and focus on the use of time series or specific field and image data and processing models to estimate and understand biological and physical processes acting on coral and biogenic reefs. This will include applications from a range of sensors and scales, spectrometry and fluorometry in laboratory and field; hydro-optical measurements; multi- and hyper-spectral imaging. Papers on Earth-Observation-derived Essential Ocean Variables are also encouraged. These may cover a range of environmental variables, including photosynthetic efficiency and concentrations of pigments in corals and algae; benthic community types; primary production, concentrations of organic in inorganic material in coral reef waters, along with bathymetry, hydrodynamics and geomorphic zones. Selected papers will cover integration of variables across scales, as these are essential to enable larger scale measurement and monitoring of processes on coral reefs and their surrounding environments. Papers that cover the use of Earth Observation technology in supporting management decisions on coral reefs are also encouraged.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2019)

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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