



Advances in Remote Sensing and Mapping for Integrated Studies of Reef Ecosystems in Oceania (Great Barrier Reef and Beyond)

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submissions:

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Message from the Guest Editors

Dear Colleagues,

The Great Barrier Reef is the largest coral reef system on Earth and a hotspot of marine biodiversity. The recent widespread and recurrent coral bleaching events are a reminder of the vulnerability of this unique ecosystem, and of similar ecosystems in Oceania, to human activities and a warming world. Protection of these reef systems requires a better understanding of environmental and socio-economic pressures, and the development of integrated management strategies. The rapid expansion of Earth Observation technologies and data has greatly advanced our capability to map and monitor such ecosystems, providing essential information to support and evaluate management and conservation strategies. Submissions are thus invited on recent advances in remote sensing of the Great Barrier Reef and other reef ecosystems in Oceania, from novel methodological approaches (sensors, algorithms development and data management) to applications for environmental monitoring and management.

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Guest Editors





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