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UAV Application for Monitoring Coastal Morphology

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Deadline for manuscript submissions:
closed (28 February 2021)

Message from the Guest Editors

This Special Issue aims at collecting new insights and benefits deriving from the use of UAVs in studies focusing on coastal geomorphology. Recent advancements in the methodologies, techniques, data processing, and future developments of UAV systems are also welcome, as well as studies including, but not limited to, the following aspects:

- Tracking of coastal sediment and/or sediment dynamics by means of UAVs;
- Detection of hotspots of erosion (or accretion) induced by storms or by regular coastal hydrodynamics;
- Integration of UAV datasets with historical imagery gathered from traditional sources and used for shoreline or long-term studies of coastal evolution;
- The use of UAVs in investigating dune morphology and volume variations in the beach system;
- UAVs applied as a rapid tool to assess the impact of storms or flooding extents in coastal areas at risk;
- UAV application for hydrodynamic measurements in coastal systems;
- UAV as tool for monitoring the evolution of nourishment projects or ecosystem-based approaches for coastal defense;
- Any kind of UAV application related to coastal morphodynamics studies.

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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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