Special Issue

Cloud-Based Earth Observations (EO) Applications for Coastal Zone Management

Message from the Guest Editors

Coastal zones are home to over half of the world's population, are major centers of economic activities, and represent some of the most fragile habitats on the planet. Coastal zone management requires information about the changes in coastal environments at different temporal and spatial scales. Over the last decade, satellite data have become available in increasing quantities, high frequency resolutions, and at very low to no cost. New cloud-based platforms, such as Google Earth Engine, enable the creation of web-accessible big-data manipulation platforms, which offer scientists and application developers the means to access and use earth observation (EO) data in a quick and cost-effective way. This makes EO applications more attractive for addressing coastal zone management challenges. In this Special Issue, contributions from a variety of topics (open to submissions from all areas) related to cloud-based EO applied solutions for coastal zone management are welcome, ranging from coastal erosion and inundation risk assessment, oil spill tracking, toxic algae bloom monitoring, wetland coastal squeeze processes, coral bleaching, and glacial monitoring.

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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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