Remote Sensing and GIS in Environmental Monitoring

Guest Editor:

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Deadline for manuscript submissions:
closed (20 September 2021)

Message from the Guest Editor

The application of remote sensing in various fields is well-nkown. Nonetheless, several uses and applications of remote sensing are still being in development. They have been used in climate change monitoring, in evaluating temporal changes in ecosystems, for precision agriculture, and in some cases even to characterize the distribution of certain species in a region. In oceanography and sea monitoring, remote sensing is useful to identify changes in water quality, detect blooms of phytoplankton, or register the morphology in shallow coastal waters. Nowadays, the location, quantification, and identification of microplastics is a challenge that remote sensing can be capable to solve in the years to come.

The topics of interest for this Special Issue include but are not limited to the following:

- Innovative applications of remote sensing for Earth monitoring.
- Multitemporal analysis for changes detection in natural, anthropized, and urban areas.
- Visualization techniques and management for Big Data in the field of GIS.

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Guest Editor

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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