Special Issue

Land and Ocean Disaster Monitoring Based on Navigation Satellite Systems

Message from the Guest Editors

Dear colleagues, Currently, there are over 100 operational navigation satellites in space. They all transmit L-band radio signals with frequencies mainly between 1.2 and 1.6 GHz. These signals are not only used for positioning, navigation, and timing, but also for remote sensing. This Special Issue focuses on the use of signals and data recorded by GNSS receivers which can be ground-based, carried by aircrafts, or by satellites for monitoring and warning of land and ocean disasters. Number of systems which use GNSS signals have already been developed for disaster monitoring. This Special Issue seeks the latest theories, methodologies, software and hardware designs based on navigation satellite systems for disaster monitoring and warning. Topics of interest in this Special Issue include but are not limited to:

- Land, ocean and cryosphere disaster monitoring
- Disaster warning
- Post-disaster services
- Software and hardware design for disaster monitoring
- LEO satellite missions for disaster monitoring
- Experimental campaigns for disaster 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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