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Integrated Applications of Geo-Information in Environmental Monitoring

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

Geo-information technology, including remote sensing, GIS, has been playing a more and more important role in environmental monitoring, land resource quantification and mapping, natural hazard damage and risk assessment, urbanization and other land use change monitoring and modeling. New advancements and innovations have been achieved especially with the emergence of big data mining and machine learning including deep learning techniques. It is hence the objective of this Special Issue to provide a platform for worldwide experts in these fields to present and share their new research approaches and outcomes to promote the advancement of geo-information technology. This Special Issue will cover the following topics:

- Remote sensing-based machine learning and big data mining technique
- Land resource mapping and land cover change tracking
- Natural hazard damage assessment and risk zoning
- Land degradation and dust storm assessment
- Coastal environmental problem analysis
- Deformation monitoring and early warning by radar, InSAR and GPS

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Message from the Editor-in-Chief

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