



Large Infrastructure Monitoring Using Remote Sensing

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Message from the Guest Editor

Dear Colleagues,

Large infrastructure monitoring by remote sensing has recently become more and more attractive for both economic and security reasons. Monitoring infrastructure with no incorporated deformation sensors (e.g., old-generation water-dams for which regulations did not impose suitable monitoring capabilities) are usually done by regular in situ topographic surveys. However, these surveys cannot be performed very often, and complimentary methods are desirable. A non-intrusive way to monitor such a structure is based on processing remotely sensed data acquired with spaceborne or airborne sensors.

The main aim of this Special Issue is to present the most recent developments in remotely sensed data processing and analysis to monitor a large infrastructure. Prospective authors are welcomed to submit both theory-oriented papers and case study applications, provided that the proposed results advocate the use of remotely sensed data as a new surveying technique in civil engineering.

Dr. Gabriel VASILE
Guest Editor





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Message from the Editor-in-Chief

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