Special Issue

Dam Stability Monitoring with Satellite Geodesy

Message from the Guest Editors

The complexity of dams requires the use of multiple sensors for their surveillance. The purpose of monitoring is not only to early warn about a future collapse but also to provide useful information to verify the design parameters, investigate the reasons that may cause deformation processes, and extract necessary lessons that can be implemented in future projects. The analysis and computation methods for stability monitoring in civil engineering have been improved as a result of developments in measuring instruments, computer science, and Global Earth Observation Systems. The goal of this Special Issue is to promote satellite geodesy as a tool for monitoring dams, collecting success cases in which these monitoring techniques, alone or in combination with other techniques, allow to detect deformations of this type of structures. We are looking forward to receiving your contribution to this Special Issue on “Dam Stability Monitoring with Satellite Geodesy”.

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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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