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Remote Sensing for Land Degradation and Drought Monitoring

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Deadline for manuscript submissions:
closed (10 February 2023)

Message from the Guest Editors

Dear Colleagues,

Land degradation (LD) and droughts are among the most serious challenges worldwide, affecting people's livelihoods and the health of socioecological systems. The role of Earth Observation has become paramount for monitoring and assessing both phenomena. However, there are still some methodological and conceptual gaps that should be urgently addressed to advance progress in deriving spatially explicit and reliable information and indicators on LD and droughts.

This upcoming Special Issue on "Remote Sensing for Land Degradation and Drought Monitoring" calls for original research papers focused on monitoring land degradation and drought in different ecosystems and spatial and temporal scales. Submissions that address the synergistic use of multiple EO-based data streams, multiple indicators, and validation techniques are strongly encouraged. Innovative time series analysis techniques and new machine learning approaches are also encouraged. The use of integrative spatial modelling approaches for monitoring and early warning of both phenomena is also of interest.

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Message from the Editorial Board

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