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Remote Sensing for Land Degradation and Drought Monitoring

Message from the Guest Editors

Guest Editors:

Prof. Dr. Olena Dubovyk

Department of Geography, University of Bergen, 5020 Bergen, Norway

Dr. Tobias Landmann

International Centre of Insect Physiology and Ecology, P.O. Box 30772, Nairobi 00100, Kenya

Deadline for manuscript submissions: closed (10 February 2023)

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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Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Message from the Editor-in-Chief

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