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Land Ecosystems and Global Ecodynamics: The Role of Remote Sensing

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Deadline for manuscript
submissions:

closed (6 June 2022)

Message from the Guest Editors

The growing global population size and the increasing forcing of human activity on the environment and ecosystems have become not only the main threat to the further sustainable development of our civilization in the context of the global ecosystem, but also reflect a dangerous disruption to normal functioning of life support systems. In relation to the key role of ecosystems in the processes of natural regulation of environmental properties, the analysis of the available data on the global dynamics of ecosystems (especially remote sensing data) and an assessment of potential trends are of paramount importance. The relationship between global ecosystems and the world's population, which is extremely sensitive to external forcings, will be extensively documented by this Special Issue. The papers accepted will contain an analysis of the key aspects of global change in terms of its operation and/or global life support systems and requirements for adequate ecological monitoring. Sub-topics will be: Remotely sensed dynamics of land ecosystems, Forest ecosystems and the greenhouse effect, Models in biocenology, Modelling the energy fluxes in the atmosphere/plant/soil.



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Special Issue

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Message from the Editor-in-Chief

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