

Special Issue

Land Ecosystems and Global Ecodynamics: The Role of Remote Sensing

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.

Guest Editors

Prof. Dr. Costas Varotsos
Prof. Dr. Yuri Mazei
Prof. Dr. Yong Xue

Deadline for manuscript submissions

closed (6 June 2022)



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About the Journal

Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant Impact Factor, and has a goal to become the best journal in land in the coming years.

Editor-in-Chief

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