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Integrated Approach to Land Use Change Assessment

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Message from the Guest Editors

Dear Colleagues,

Changes in land use are reflected not only in changes of land cover; they are also the cause of changes in landscape structure and are the main initiator of many environmental problems – qualitative and quantitative degradation of natural resources, decline in natural ecosystems, increasing anthropization of the landscape, negative impacts from deserted agricultural fields on landscape biodiversity, desertion of land, increase in synanthropic species, etc. From this perspective, it is important to modify landscape–ecological research is conducted. It is no longer possible to focus only on studying land use forms and land cover but to also study relations in landscape (e.g., cause–consequence). It is essential to apply an integrated approach to the assessment of land use change. The scientific basis of this approach is the understanding of landscape as a geosystem and, in particular, the proper interpretation of the mutual relations of primary, secondary, and tertiary landscape structure and their role in assessing conflicts of interest.



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Special Issue



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