

Special Issue

Cooperation of Geoinformatics and Landscape Ecology for Sustainable Development

Message from the Guest Editor

The methods and tools of landscape ecology can be considered as key approaches to studying the environment, landscape, and human social development. Landscape ecology (LE) as a subdiscipline of ecology is the study of how both landscape structure and dynamics affect the abundance and distribution of organisms. Thus, LE is aimed at the effects of patterns and processes on a landscape scale. Currently, changing land use is one of the world's major forces altering ecosystem services in landscapes all over the world. Human activities are transforming land at a faster rate and greater extent than at any time in history. This is a challenge for research in the field of emerging sustainability science. Researchers are increasingly aware that all phenomena and processes are spatially related because everything takes place in a certain space. We can find numerous studies that put more and more emphasis on incorporating spatial relationships and properties. This can be achieved only through the use of quality spatial data. Geoinformatics methods and approaches are used for this purpose.

Guest Editor

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