



Challenge for Land Use and Biodiversity

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closed (30 January 2023)

Message from the Guest Editors

Dear Colleague,

Land use change is an increasing threat to biodiversity, causing a worldwide decline in species richness and abundance and affecting the composition of biological communities. The expected impact of land use changes on biodiversity depends on a range of factors, such as the research methods used and how biodiversity is analyzed.

The aim of this Special Issue is to highlight advances in our knowledge of the relationship between landscape patterns and ecosystem functionality, and their effects on biodiversity. Contributions discussing approaches to better account for landscape multi-scale interactions, considering multi-taxon approaches as well as the provision of ecosystem services are especially welcome.

We are also open to studies on other dimensions of changes in land use and biodiversity, for instance, studies using methodologies derived from engineering, geography, geology, and chemistry. Researchers are invited to help advance the dialogue and direction of research to address emerging challenges in land use management and its effects on diversity.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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