

# Special Issue

## Effects of Land Use Patterns and Land Cover Changes on Soil Quality

### Message from the Guest Editors

The goal of this Special Issue is to collect papers to give insights into the shifts in main soil quality parameters that ensure ecosystem functioning under land use patterns and land cover changes. Within the functions, we focus on the ecosystem (regulation of matter and energy exchange between the components of the biocenosis). Thus, studies aiming to trace the changes in the soil quality parameters responsible for the above functions are highly welcome. Studies that have used long-term field experiments and those done under greenhouse facilities and the used modeling approaches are encouraged. This Special Issue will welcome manuscripts that link the following themes:

- Impact of changes in land use patterns on soil quality indicators, physical and chemical functions;
- Impact of land cover changes (in natural and agricultural landscapes) on biological soil quality;
- Transformation of organic matter (plant-derived or organic fertilizers/amendments-derived) in soil under land use patterns and land cover changes;
- Soils as a buffer against environmental impacts under changes in land use patterns and land cover.

### Guest Editors

Dr. Anna Gunina

Dr. Quan Zhou

Dr. Qianqian Zhang

Prof. Dr. Huadong Zang

Dr. Zhenhui Jiang

### Deadline for manuscript submissions

closed (20 May 2024)



## Land

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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. I strongly recommend *Land* for your best research publications for a fast dissemination of your research.

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### Editor-in-Chief

Prof. Dr. Christine Fürst

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