

# Special Issue

## Opportunities and Risks for Agriculture and the Environment at Landscape Scales

### Message from the Guest Editors

andscape-scale approaches make up a powerful framework for reconciling farmlands with ecological integrity and climate resilience. They offer a perspective on how farming interacts with natural processes and ecosystem functions. This can reveal new opportunities for sustainable production and biodiversity conservation, yet it also exposes risks related to land-use intensification, ecosystem degradation, and climatic or geomorphic processes. This Special Issue aims to advance our understanding of landscape-scale systems, by gathering original research and methodological developments on the following main topics:

- Landscape-scale agricultural land-use management.
- Spatial modeling and scenario assessment.
- GIS and remote sensing applications in landscape analysis.
- Policy, governance and solutions for sustainable landscapes.
- Agroecosystem resilience, climate mitigation, biodiversity maintenance, carbon sequestration, water regulation, and nutrient cycling.
- Risks and challenges at the landscape scale.

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### Guest Editors

Dr. Ionuț Vasiliniuc

Dr. Cristian Valeriu Patriche

Dr. Zsófia Varga

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### Deadline for manuscript submissions

30 June 2026



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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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