

Special Issue

Land Use and Landscape Impacts of the Energy Transition: Challenges and Opportunities for Integrated Energy and Landscape Planning

Message from the Guest Editors

The Special Issue seeks to foster an interdisciplinary dialogue among scholars, practitioners, and policymakers on how spatial and territorial planning can effectively guide the deployment of renewable energies in harmony with sustainability goals. This Special Issue will welcome manuscripts that link the following themes:

- Relationship between energy transition policies and planning practices (regional and city scale, landscape planning);
- GIS-based analysis and models to assess land use transformations related to energy transition;
- Spatial aspects of energy transition—agriculture, ecological, and landscape issues;
- Energy transition planning practices in fragile territories—risks and opportunities for the territory and communities;
- Solar landscapes—aspects and variations in the landscape dimension.

Guest Editors

Dr. Luca Barbarossa
Dr. Eliana Fischer
Dr. Raffaele Pelorosso

Deadline for manuscript submissions

closed (31 May 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.

Editor-in-Chief

Prof. Dr. Christine Fürst
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