

Special Issue

Water, Energy, Land and Food (WELF) Nexus: Pathway to Low-Carbon Transition

Message from the Guest Editor

We seek contributions that focus on themes related, but not limited to, the following:

- Integrated Resource Management: Studies showcasing methodologies to optimize resource allocation and reduce trade-offs within water, energy, land, and food systems.
- Policy and Governance: Research highlighting policy frameworks and governance mechanisms that facilitate cross-sectoral collaboration and support low-carbon development within the WELF nexus.
- Technological Innovation: Papers exploring advanced technologies, such as renewable energy solutions, water-efficient irrigation systems, or climate-smart agricultural practices.
- Case Studies and Best Practices: Analyses of successful WELF nexus projects or initiatives that demonstrate scalable, low-carbon solutions in diverse socio-economic and geographical contexts.
- Climate Change Mitigation and Adaptation: Insights into how the WELF nexus approach can strengthen resilience against climate impacts while reducing carbon footprints.
- Metrics and Indicators: The development of tools or frameworks to assess and monitor the sustainability, efficiency, and carbon reduction potential of integrated WELF systems.

Guest Editor

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Deadline for manuscript submissions

closed (15 October 2025)



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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

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