

Special Issue

Energy-Water-Land Nexus Under Low-Carbon Globalization

Message from the Guest Editor

The transition to renewable energy will require the use of large swathes of land for utility-scale renewable energy project sites. The impacts of this large-scale facility deployment on local communities raise questions about issues that remain to be explored, including, but not limited to, social awareness, energy justice, the optimal land for use, and ecological impacts. This Special Issue covers, but is not limited to, the following topics:

- Techno-economic and demographic factors that influence renewable energy siting
- Planning, siting, and permitting processes for large-scale renewable energy facilities.
- Modelling and mapping potential land suitability for large-scale renewable energy
- Land use implications of renewable energy transition pathways towards carbon neutrality.
- Land footprint and land use changes due to renewable energy expansion.
- Energy infrastructure siting and the related economic, social, and ecological impacts.

Guest Editor

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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.

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