

# Special Issue

## Peatland Ecosystem

### Message from the Guest Editors

Peatland ecosystem functions and services have become crucial in the context of climate change and further human-induced transformation of landscapes. Sustainable strategic land use planning in peatlands is a significant input to the ecosystem-based solutions for climate change mitigation and adaptation. Integrated peatland ecosystem management should be based on comprehensive knowledge and understanding of ecosystem structure, processes, and functions. The Special Issue is inviting research focused on the theoretical background, methods, and outcomes of case studies for translating basic knowledge on peatland ecosystems into land use and ecosystem management solutions. In this Special Issue, we invite papers focusing on, but not limited to, the following topics:

- Peatlands ecosystem diversity
- Indication and modelling of the key ecosystem functions
- Water, carbon, and energy balance in peatlands ecosystems
- Socio-economic aspects of peatlands use
- Peatlands ecosystem functions and services
- Evaluating and mapping of land use impact on peatlands ecosystems
- Peatlands in the environment and climate-related policies
- Modelling/mapping land use spatiotemporal change

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2021)



## Land

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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. 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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