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Direct and Indirect Impacts of Land Use on the Management of Riverine and Riparian Ecosystems within Vegetated Water Systems

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Deadline for manuscript submissions:

1 November 2024

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on the science and management of land use and its impact on the ecohydraulics and ecomorphodynamics of vegetated water bodies. Topics include hydrodynamics and the geomorphic impacts of vegetation; organism–habitat interactions; flow–biota interactions on nutrient, sediment, and pollutant transport; and the response of the ecosystem to disturbances. We encourage the submission of articles that address the information transfer across scales using field, numerical, or laboratory approaches. Considering the prioritization of infrastructure renewal, we invite researchers to examine natural infrastructures (floodplains, mangroves, reefs) as critical components of hazard protection, adaptability, and climate resilience.

- Ecohydraulics;
- Ecohydrology;
- Flow resistance;
- Land use;
- River restoration;
- Vegetated water bodies.

Dr. Giuseppe Francesco Cesare Lama

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Guest Editors



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Special Issue



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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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