



Innovations in Soil Erosion Assessment and Management Along Rivers and Coastal Areas : 2nd Edition

Guest Editors:

Dr. Giandomenico Foti

Dr. Giuseppe Barbaro

Dr. Giuseppe Bombino

Dr. Daniela D'Agostino

Dr. Francesca Minniti

Deadline for manuscript
submissions:

31 January 2025

Message from the Guest Editors

Dear Colleagues,

Soil erosion is the removal process of soil by the action of natural and anthropogenic factors. Therefore, it has become an extended issue worldwide. These processes not only influence the river dynamics, especially in terms of degradation and aggradation, but also influence the coastal dynamics. Therefore, coastal and river dynamics should be analyzed as one system.

This Special Issue aims to analyze all the main aspects concerning innovations in soil erosion assessment and management and its influences in river and coastal dynamics, through research papers and case studies on the following topics:

- Soil erosion assessment, management, and modeling.
- Impact of natural factors, such as floods, landslide, and debris flow.
- Impact of anthropogenic factors, such as land use changes and construction of dams and check dams.
- Impact of extreme events and climate change.
- Interactions between soil erosion, river and coastal dynamics and shoreline changes.
- Integration of remote sensing.
- Modeling phases: calibration, validation, and uncertainty quantification.
- Application of modeling to support decision making.



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Christine Fürst

Institute for Geosciences and
Geography, Department
Sustainable Landscape
Development, University of Halle,
Von-Seckendorff-Platz 4, 06120
Halle, Germany

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SSCI (Web of Science), PubAg, AGRIS, GeoRef, RePEc, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Nature and Landscape Conservation)

Contact Us

Land Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/land
land@mdpi.com
X@Land_MDPI