

Special Issue

Frontier Research in River and Coastal Sediment Transport

Message from the Guest Editor

Sediment transport is a topic of interest in the planning and management of both river and coastal areas. River and coastal sediment transport depend on both natural and anthropogenic factors. This Special Issue will analyze all the main aspects concerning the interaction between river and coastal sediment transport and its effects on the shoreline changes, through research papers and case studies on the following topics: Coastal and river dynamics. Innovations in river and coastal sediment transport assessment. Innovations in river and coastal sediment transport modeling. Shoreline changes assessment. Impact of climate change and sea level rise. Impact of anthropogenic pressure. Calibration and validation strategies. Uncertainty quantification. Integration of remote sensing. Application of sediment transport modeling to support decision making.

Guest Editor

Dr. Giandomenico Foti

Mediterranea University of Reggio Calabria, DICEAM Department, Via Graziella loc. Feo di Vito, 89122 Reggio Calabria, Italy

Deadline for manuscript submissions

closed (15 December 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/63247

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

mdpi.com/journal/

[appls](https://appls.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)