

Special Issue

River Pollutant Dispersion and Sustainability

Message from the Guest Editor

Rivers play a pivotal role in ecological and human health as well as in the economic development of territories, representing the main water supply for domestic use, irrigation, and industrial activities. Rapid population growth, the expansion of economic activities, and urban sprawl are leading to a greater demand for high-quality water, which often cannot be satisfied by locally available resources, while the discharge of insufficiently treated wastewater raises costs for downstream users. The situation is further exacerbated by the current climate change, which, exposing rivers to frequent and extreme variations of temperature and fluvial regime (droughts and floods), contributes to their degradation, to lowering the efficiency of natural purification processes, and to greater detrimental effects on aquatic life. This Special Issue would like to cover various aspects ranging from monitoring to the numerical modelling of pollutant dispersion in rivers, and from water quality and contamination sources assessment to the achievement of the SDGs.

Guest Editor

Dr. Domenica Mirauda

School of Engineering, Basilicata University, Viale dell'Ateneo Lucano 10, 85100 Potenza, Italy

Deadline for manuscript submissions

closed (31 March 2022)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



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

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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