

Special Issue

Toward a Next-Generation Biomonitoring of Ecological Systems in the Framework of Sustainability

Message from the Guest Editors

The sustainable development of human societies has its foundations on the mindful use of natural resources and the preservation of ecological equilibria. The pragmatic framework to achieve these goals implies an adaptive ecosystem management, a strategy allowing recursively improving policies and actions in the light of their outcomes. Environmental monitoring, and biomonitoring in particular, is pivotal in this process by providing the feedbacks driving the adaptive process. The questions, approaches, and methodologies that had dominated the field of biomonitoring for decades are currently facing a rapid transition toward next-generation biomonitoring, bringing new, exciting challenges to address. This Special Issue aims at becoming a comprehensive platform for sharing exciting new advancements in biomonitoring as well as more traditional studies. Relevant articles from all areas of biomonitoring, from all environmental compartments all over the world, employing every kind of technique and focusing on all the levels of ecological organization, from organisms to ecosystems, are welcome, as are the articles focusing on the integration of biomonitoring.

Guest Editors

Prof. Dr. Daniela Baldantoni

Department of Chemistry and Biology "Adolfo Zambelli", University of Salerno, 84084 Fisciano, Italy

Dr. Alessandro Bellino

Department of Chemistry and Biology "Adolfo Zambelli", University of Salerno, 84084 Fisciano, SA, Italy

Deadline for manuscript submissions

closed (31 October 2021)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.9



mdpi.com/si/74396

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

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.9



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



About the Journal

Message from the Editor-in-Chief

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)