



Contaminants of Emerging Concern—(Eco)Toxicity, Environmental Behavior and Remediation

Guest Editors:

Dr. Ângela Barreto

Department of Biology & CESAM,
University of Aveiro, 3810-193
Aveiro, Portugal

Dr. Vera Lúcia Maria

Department of Biology & CESAM,
University of Aveiro, 3810-193
Aveiro, Portugal

Message from the Guest Editors

This Special Issue invites the submission of original research, case studies or up-to-date review papers focusing on the (eco)toxicity mechanisms and environmental behavior of CECs and the remediation methods that can be used to address them. The aggregation of these papers will allow the knowledge on this topic to be increased and clarified, enabling better control and regulation of the release of CECs into the environment. In particular, potential topics include but are not limited to the following:

- CEC (eco)toxicity assessed at different levels of biological organization. In vitro and human exposure studies are very welcome.
- CEC (eco)toxicity after long-term exposure with special attention to multigenerational and/or transgenerational effects.
- Advances in characterization and understanding of the environmental behavior of CECs.
- Challenges in the biomonitoring of CECs, ecological risks and bioremediation.
- Development of new methodologies for the remediation of CECs.
- Regulation of CECs and policies for CECs.
- New analytical methods to assess environmental samples, allowing the detection and quantification of CECs.

Deadline for manuscript
submissions:

closed (30 November 2021)



mdpi.com/si/71710

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

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)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)