



## Interactions and Effects of Different Climate Change Scenarios with Emergent Pollutants

Guest Editors:

**Dr. Rosa Freitas**

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

**Dr. Luísa Magalhães**

Departamento de Biologia &  
CESAM, Universidade de Aveiro,  
Campus Universitário de  
Santiago, 3810-193 Aveiro,  
Portugal

Deadline for manuscript  
submissions:

**closed (1 June 2020)**

### Message from the Guest Editors

Dear Colleagues,

At present, a vast variety of substances arrives to the aquatic environment, including newly developed chemicals, usually called contaminants of emerging concern (CECs), posing a risk to a wide diversity of endogenous marine biological resources with ecological and economical relevance. For decades, classical pollutants (as trace metals) have been monitored worldwide, but regarding CEC studies, information on their environmental concentrations is still limited. Plastic pollution constitutes an additional stressor to the marine systems already under other sources of anthropogenic pressure. Understanding the real risks of micro(nano)plastics to marine wildlife requires knowledge on environmental levels and pathways of exposure, which is still in its infancy, especially in what concerns marine invertebrates.

Alongside the impacts caused by classical and emerging pollutants, organisms in coastal ecosystems are exposed to environmental changes. Recent studies have demonstrated that CC-related factors modulate the biochemical and physiological sensitivity of aquatic organisms to different pollutants, with responses being pollutant- and species-specific.





an Open Access Journal by MDPI

## 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

## 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. *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.

## 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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](https://twitter.com/Sus_MDPI)