



## Climate Adaptation from an Environmental Perspective

Guest Editor:

**Dr. Sara Egemose**

Department of Biology, University  
of Southern Denmark, Odense,  
Denmark

saeger@biology.sdu.dk

Deadline for manuscript  
submissions:

**15 October 2021**

### Message from the Guest Editor

There is an increasing focus on the handling of stormwater discharges from urban areas. Climate changes and increased paved areas are inducing a need for climate adaptation to avoid flooding, but also to avoid undesired impacts on the receiving waters such as erosion, nutrient enrichment, loading with xenobiotics, and withdrawal of animals and plants. Stormwater treatment is often a combination of storage and controlled outlet, to avoid hydraulic impacts and to remove various substances, thereby improving the water quality in the discharged water.

This Special Issue is dedicated to studies presenting environmental effects (positive and negative) caused by climate adaptation, stormwater handling and different treatment methods, outlet from common sewers versus separate sewers, sustainable urban drainage systems, etc. Environmental effects in this case are of hydraulic, physical, chemical, and biological character. Several keywords are listed, but not limited to:

- stormwater treatment
- urban stream syndrome
- urban runoff
- climate adaptation
- environmental effects
- hydraulic stress
- pollution





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. 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.

## 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](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

**Journal Rank:** [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

## Contact Us

---

*Sustainability*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

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