

## Special Issue

# Pollution Prevention/Environmental Sustainability for Industry

### Message from the Guest Editor

The pollution prevention approach was novel in focusing on increasing the efficiency of a process and reducing the amount of pollution generated at its source. This Special Issue seeks original, unpublished papers that describe recent advances in improving the sustainability of industrial operations. Papers may relate to technical topics associated with pollution prevention and sustainability in industry such as (i) novel methods for the analysis of material and energy flows, (ii) innovations for material substitution and for increasing the life of auxiliary materials and process liquids, (iii) improvements for control and automation, (iv) novel reuse of wastes, (v) innovative processes and technologies, (vi) energy efficiency, (vii) applications of life cycle assessment, (viii) assessment of barriers to implementation within industry, (ix) new business tools, (x) case studies of successful programs that result in for pollution prevention/sustainability implementation, and (xi) innovative educational approaches.

---

### Guest Editor

Prof. Dr. Bruce Dvorak

Department of Civil and Environmental Engineering, University of Nebraska-Lincoln, Lincoln, NE 68588, USA

---

### Deadline for manuscript submissions

closed (20 November 2020)



## Environments

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 5.7



[mdpi.com/si/37308](https://mdpi.com/si/37308)

*Environments*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[environments@mdpi.com](mailto:environments@mdpi.com)

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





# Environments

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 5.7



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



## About the Journal

### Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

---

### Editor-in-Chief

Prof. Dr. Sergio Ulgiati

1. Department of Science and Technology, Parthenope University of Naples, Centro Direzionale, Isola C4, 80143 Napoli, Italy
2. School of Environment, State Key Joint Laboratory of Environment Simulation and Pollution Control, Beijing Normal University, No. 19 Xijiekouwai Street, Beijing 100875, China

---

### Author Benefits

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), PubAg, AGRIS, GeoRef, and other databases.

#### Journal Rank:

JCR - Q2 (Environmental Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 22.8 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2024).