

## Special Issue

# Challenges in Environmental and Occupational Monitoring: New Methods, New Chemicals, New Concerns for Safety and Health

### Message from the Guest Editors

New substances are increasingly being included in production cycles, and this requires new analytical methods capable of measuring their concentration levels and therefore the potential exposure of people. Knowing the new substances present in the market, in the workplace and in the environment, being able to quantitatively measure their presence in different matrices and characterizing the exposure for human beings are essential elements for subsequently evaluating the risks to human health. The aims of the issue are as follows: (1) highlight the new analytical methods carried out to measure the concentrations levels of chemical contaminants both in environmental matrix and in biological fluids, to assess the exposure levels and the subsequent possible health risks; (2) identify new health effects linked to exposure to chemical agents, through the description of experimental investigations *in vivo* or *in vitro* or epidemiological investigations; (3) understand and identify the risks associated with the introduction of new substances into production cycles, both in terms of risks for workers and consumers.

---

### Guest Editors

Dr. Lidia Caporossi  
Dr. Daniela Pigni  
Dr. Paola Castellano

---

### Deadline for manuscript submissions

15 October 2026



## Environments

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.7  
CiteScore 5.7



[mdpi.com/si/242190](https://mdpi.com/si/242190)

*Environments*  
Editorial Office  
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 3.7  
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 19.2 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).