

Special Issue

Volatile Organic Compounds in Environment

Message from the Guest Editors

Volatile organic compounds (VOCs) are released from both static and mobile sources (e.g., industrial, transport, household, fossil fuels use, and many other sources). They are emitted into the atmosphere, taken up by plants, and ingested by animals to be bio accumulated along the food chain up to the apex predator. Many of these pollutants are classified as being toxic/carcinogenic by varying degrees and pose a worldwide risk to the environment and human health. Exposure (through different exposure pathways, *i.e.*, inhalation, dermal absorption, ingestion, *etc.*) to those hazardous pollutants can damage the immune, neurological, reproductive (e.g., reduced fertility), developmental, and respiratory systems of humans and animals. More efforts are thus needed to improve the method of their detection and treatment. This Special Issue aims to present articles emphasizing more than one of all the available tools to monitor or treat VOCs: (1) measurement techniques for VOC; (2) treatment techniques for VOC; and (3) all important environmental issues associated with the management of VOCs.

Guest Editors

Prof. Dr. Ki-Hyun Kim

Department of Civil & Environmental Engineering, Hanyang University,
222 Wangsimni-Ro, Seoul 04763, Republic of Korea

Prof. Abderrahim Lakhout

Civil Engineering Department, Faculty of Engineering, University of
Tabuk, Tabuk 47913, Saudi Arabia

Deadline for manuscript submissions

closed (30 June 2017)



Environments

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 5.7



mdpi.com/si/7052

Environments

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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. State Key Joint Laboratory of Environment Simulation and Pollution Control, School of Environment, 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 25.7 days after submission; acceptance to publication is undertaken in 3.7 days (median values for papers published in this journal in the first half of 2024).