

Special Issue

Soil Carbon Sequestration and Greenhouse Gas Emission

Message from the Guest Editor

The progress of soil degradation and the emission of greenhouse gases into the atmosphere, especially CO₂, are capturing the attention of the researchers. The soil is one of the largest carbon reservoirs on the planet; for this reason, its conservation is crucial for the health of the Earth and the organisms that inhabit it.

Understanding the biogeochemical processes involved in the stabilization of soil organic carbon and developing new soil management strategies are important topics which can help us find solutions to try to solve these global problems. This Special Issue aims to compile the most recent advances in the stabilization of carbon in soils and their conservation. It is an opportunity to present new results, discoveries, and possible solutions to promote soil carbon sequestration and to reduce soil degradation and CO₂ emissions.

Guest Editor

Dr. Marco Antonio Jiménez-González

Geology and Geochemistry Department, Faculty of Sciences,
Autonomous University of Madrid, 28049 Madrid, Spain

Deadline for manuscript submissions

closed (31 March 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/114185

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



About the Journal

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.

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

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, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)