



Sustainability, Climate Change, and Ecology: Challenges and Opportunities

Guest Editors:

Dr. Teresa Patricia Feria-Arroyo

Department of Biology, University of Texas Rio Grande Valley, Edinburg, TX 78539, USA

Dr. Engil Pereira

School of Earth, Environmental, and Marine Sciences, University of Texas Rio Grande Valley, Edinburg, TX 78539, USA

Deadline for manuscript submissions:

closed (15 December 2022)

Message from the Guest Editors

Biodiversity, ecosystem services, and food production rely on the availability of natural resources such as freshwater, soil quality, and habitat conservation, yet human activities overexploit natural resources at unsustainable rates, causing biodiversity crisis, food insecurity, and irreversible damage to the Earth's ecosystems. To address these issues, it is necessary to develop strategies that support environmental conservation and a sustainable use of natural resources. The purpose of this Special Issue is to expand the state-of-the-art in strategies and management solutions that aim to mitigate and reduce human-induced threats to the environment:

- Adaptation practices to climate adversities
- Ecosystem restoration
- Biodiversity conservation
- Groundwater overdraft reduction
- Best practices in soil conservation
- Sustainable forest management
- Sustainable fishing
- Sustainable livestock management
- Food security and climate change
- Community resilience in the face of climate change





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

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

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

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)