

## Topical Collection

# Climate Change and Global Economy

### Message from the Collection Editors

Climate Change in its more general definition refers to a change in the state of the climate that can be identified by changes in the mean and/or variability of its properties and, that persists for extended periods of time. Climate change can be caused by natural internal processes or an external factor, such as variations in the solar cycles or, human activities that drive permanent changes in the composition of the atmosphere and, consequently, in the natural resource management. The impacts of climate change, in some cases already visible and in others foreseeable, are manifold, for example, increase in global average temperature, droughts, erosion of biodiversity, proliferations of extreme weather events, etc. All of these impacts already cause and will continue to cause negative consequences on the living conditions of humanity. One of the spheres which results to be more interrelated and connected with climate change is the economic sector: on the one hand, some of our economic activities contribute to aggravate climate change, but on the other hand, climate change affects negatively our economic activities.

---

### Collection Editors

Dr. Daniel Durán Sandoval

Prof. Dr. Gemma Durán Romero

Dr. Francesca Uleri

Dr. Ana M. López

---



## Encyclopedia

---

an Open Access Journal  
by MDPI

---

Indexed in Scopus



[mdpi.com/si/123465](https://mdpi.com/si/123465)

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

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





# Encyclopedia

---

an Open Access Journal  
by MDPI

---

Indexed in Scopus



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



## About the Journal

### Message from the Editor-in-Chief

Many international journals have proliferated over the last 20 years regarding very specific themes of research. Thus, I am pleased to announce the new open-access MDPI journal *Encyclopedia* to provide a wide audience platform for the presentation of outcomes and methodological approaches of current interest for the scientific community. Social sciences, humanities, physical sciences, engineering, and life sciences are the principal macro-areas of relevance for the journal. On behalf of the Editorial Board, I welcome all to *Encyclopedia* and invite contributions of entry papers to our editorial project.

---

### Editor-in-Chief

Prof. Dr. Raffaele Barretta

Department of Structures for Engineering and Architecture, University of Naples Federico II, Via Claudio, 21-80125 Naples, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus and other databases.

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.8 days after submission; acceptance to publication is undertaken in 4.5 days (median values for papers published in this journal in the second half of 2025).