



Viruses and Climate Change: Looking for a Connection

Guest Editors:

Prof. Dr. Sandra Mazzoli

1. EpiData Epidemiological Group, 24121 Bergamo, Italy
2. Retired, Former Chief of the STDs Center, Santa Maria Annunziata Hospital, Florence, Italy
3. Former Contract Professor of Clinical and Applied Microbiology, University of Florence, Florence, Italy

Dr. Francesco Branda

Unit of Statistics, Faculty of Medicine, University Campus Bio-Medico of Rome, 00128 Rome, Italy

Deadline for manuscript submissions:

31 December 2024

Message from the Guest Editors

Dear Colleagues,

The Special Issue invites submissions on the following topics, but additional relevant contributions are also welcome:

1. **Climate-Driven Viral Dynamics:** Investigate the influence of global climate variations on the prevalence and behavior of viruses, exploring how climate factors may shape viral epidemiology.
2. **Eco-Evolutionary Responses of Viruses:** Examine how viruses adapt and evolve in response to changing environmental conditions, impacting their virulence, transmission patterns, and host range.
3. **Climate Change as a Catalyst for Viral Pandemics:** Explore the potential role of climate change in triggering or exacerbating viral pandemics, considering factors such as altered ecosystems, extreme weather events, and habitat disruption.
4. **Resilience and Adaptation Strategies:** Discuss strategies for mitigating the impact of viral infections in the context of climate change, considering both global and local perspectives.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Eric O. Freed

Director, HIV Dynamics and
Replication Program, Center for
Cancer Research, National
Cancer Institute, Frederick, MD
21702-1201, USA

Message from the Editor-in-Chief

Viruses (ISSN 1999-4915) is an open access journal which provides an advanced forum for studies of viruses. It publishes reviews, regular research papers, communications, conference reports and short notes. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. The full experimental details must be provided so that the results can be reproduced. We also encourage the publication of timely reviews and commentaries on topics of interest to the virology community and feature highlights from the virology literature in the 'News and Views' section.

Electronic files or software regarding the full details of the calculation and experimental procedure, if unable to be published in a normal way, can be deposited as supplementary material.

Author Benefits

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

High Visibility: indexed within **Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.**

Journal Rank: JCR - Q2 (*Virology*) / CiteScore - Q1 (Infectious Diseases)

Contact Us

Viruses Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/viruses
viruses@mdpi.com
[X@VirusesMDPI](https://twitter.com/VirusesMDPI)