



Advanced Statistical Modelling in Climate Change

Guest Editors:

Dr. Sandhya Patidar

Dr. K.S. Kasiviswanathan

Dr. Soundharajan Swamy

Prof. Dr. Adebayo J. Adeloye

Deadline for manuscript
submissions:

30 June 2024

Message from the Guest Editors

Dear Colleagues,

Climate change is one of the most pressing global issues and it is affecting almost every aspect of our life. To explore the impacts of climate change, recently, substantial growth in the developments of advanced statistical modelling and data-science approaches has been noted. This Special Issue of *Geosciences* is aimed to collate high-quality research papers that cover novel developments and applications in the areas of advanced statistical modelling (ASM) approaches or understanding climate change, adaptation, resilience, mitigation strategies and associated wider impacts. In particular, we encourage submissions that highlight multi-disciplinary research work involving ASM for climate change in impact areas of water resources, extreme events, hydrology, machine-learning/artificial intelligence, forecasting, remote sensing and geoinformatics, geology, soil contaminants, ecology and environmental sciences.

I hope you are interested in submitting to the Special Issue collection.

Dr. Sandhya Patidar

Dr. K.S. Kasiviswanathan

Dr. Soundharajan Bankaru Swamy

Prof. Dr. Adebayo J. Adeloye

Guest Editors





Editor-in-Chief

Prof. Dr. Jesus Martinez-Frias

Instituto de Geociencias, IGEO
(CSIC-UCM), C/ Del Doctor Severo
Ochoa 7, Edificio
Entrepabellones 7 y 8, 28040
Madrid, Spain

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Author Benefits

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

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [GeoRef](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: CiteScore - Q1 (*General Earth and Planetary Sciences*)

Contact Us

Geosciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/geosciences
geosciences@mdpi.com
[X@Geosciences_OA](#)