



Climate Prediction of Extreme Events

Guest Editors:

Dr. Marco Turco

Regional Atmospheric Modeling
(MAR) Group, Department of
Physics, University of Murcia,
Murcia, Spain

Dr. Sonia Jerez

Department of Physics, University
of Murcia, Murcia, Spain

Deadline for manuscript
submissions:

closed (31 August 2019)

Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Geosciences* aims to gather high-quality, original research articles, reviews, and technical notes on climate prediction, with a particular emphasis on extreme events.

Monthly to decadal predictions continue to improve due to enhancements in climate science and in computing power. On the other hand, there is a growing awareness of the importance of using climate predictions, including forecasting extreme climate events, for a more effective and dynamic adaptation to climate variability and change.

With this in mind, we would like to invite you to submit articles about your recent work, experimental research, or case studies, with respect to the above and/or the following topics:

- Progress in extreme event understanding and, thereby, predictions
- Dynamical, statistical, and hybrid prediction systems for climate forecasts
- Subseasonal-to-Seasonal (S2S) prediction
- Decadal forecasts
- Impact-based, long-term forecasts
- Processing and calibration methods applied to climate predictions, and climate services providing and using climate predictions
- Early warning systems and climate-driven risk management
- Climate forecast verification [...]





an Open Access Journal by MDPI

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: JCR - Q2 (*Geosciences, Multidisciplinary*) / CiteScore - Q1 (General Earth and Planetary Sciences)

Contact Us

Geosciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/geosciences
geosciences@mdpi.com
[X@Geosciences_OA](https://twitter.com/Geosciences_OA)