



ENSO Prediction

Guest Editors:

Prof. Dr. Youmin Tang

Environmental Science,
University of Northern British
Columbia, Prince George, BC V2N
4Z9 Canada

Dr. Xiaoxiao Tan

College of Oceanography, Hohai
University, Nanjing 210098, China

Dr. Satyaban Bishoyi Ratna

Climatic Research Unit, School of
Environmental Sciences,
University of East Anglia, Norwich
NR4 7TJ, UK

Deadline for manuscript
submissions:

closed (6 August 2021)

Message from the Guest Editors

The El Niño–Southern Oscillation (ENSO) is the strongest interannual climate variability phenomenon across the globe, with worldwide climate and weather impacts. Understanding and improving predictions of ENSO are, thus, of vital importance. Over the past decades, there has been significant progress in the prediction of ENSO. However, serious challenges still exist in understanding ENSO and improving its prediction, highlighted particularly by the false predictions of 2014–2016 El Niño events. This Special Issue invites contributions that focus on ENSO and ENSO-related studies. Contributions are solicited on topics including studies of the theory, modeling, and prediction of ENSO as well the impact of ENSO on climate and weather anomalies on global or local scales. Especially welcome are contributions on operational or experimental prediction systems of ENSO, including model development, initialization scheme, and ensemble construction in addition to the evaluation of ENSO predictability in the framework of deterministic, probabilistic, and intrinsic measures.





Editor-in-Chief

Prof. Dr. Ilias Kavouras

Environmental, Occupational,
and Geospatial Health Sciences,
CUNY School of Public Health,
New York, NY 10027, USA

Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

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), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

Journal Rank: CiteScore - Q2 (*Environmental Science (miscellaneous)*)

Contact Us

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

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

mdpi.com/journal/atmosphere
atmosphere@mdpi.com
[X@Atmosphere_MDPI](https://twitter.com/Atmosphere_MDPI)