

Special Issue

Ecological Modeling for Adaptation to Climate Change

Message from the Guest Editor

The aim of this Special Issue is to highlight the importance of ecological niche models in the context of climate change and its impacts on species and ecosystems. This Special Issue welcomes manuscripts that delve into various aspects of ecological niche models concerning climate change impacts on species and ecosystems. Suggested themes and article types for submissions include, but are not limited to:

- Novel approaches in ecological niche modeling for climate change predictions;
- Developing climate variables to facilitate ecological niche modeling;
- Case studies investigating the projected distribution shifts of specific plant and animal species in response to climate change;
- Integrating ecological niche models with other tools, such as remote sensing data, to enhance accuracy and applicability;
- Developing adaptive management strategies based on ecological niche model predictions for species conservation;
- Reviews or meta-analyses summarizing the current state of knowledge in ecological niche modeling and its relevance to climate change research.

Guest Editor

Dr. Tongli Wang

Centre for Forest Conservation Genetics, Department of Forest Sciences, Faculty of Forestry, University of British Columbia, Vancouver BC, Canada

Deadline for manuscript submissions

closed (31 March 2026)



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Impact Factor 3.2
CiteScore 5.7



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Climate
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
climate@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Climate (ISSN 2225-1154) was established in 2013 to provide an open-access outlet for innovative research, review articles, new direction papers, and short communications relevant to all disciplines related to climate at all scales. The journal encourages papers ranging from climate change detection and attribution and Earth system modeling to ecosystem, hydrologic, and socioeconomic impacts and climate mitigation and adaptation measures. The influence of *Climate* is strong and growing (IF 3.2 in 2024, CiteScore 5.7 in 2024).

Editor-in-Chief

Dr. Timothy G. F. Kittel
Institute of Arctic and Alpine Research, University of Colorado Boulder,
Boulder, CO 80309-0450, USA

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), GEOBASE, GeoRef, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Meteorology and Atmospheric Sciences) /
CiteScore - Q2 (Atmospheric Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.8 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).