Special Issue

Ecological Niche Modelling under Climate Change

Message from the Guest Editor

Climate change is considered a major threat to our ecosystems. Climate is the primary factor regulating geographic distributions of many plant and animal species. Many species on the earth are adapted to a range of climatic conditions (i.e., climatic niche). Unprecedented rapid climate change will likely cause a mismatch between the climate that a species historically adapted to and the climate that the species will experience in the future. Such a mismatch is likely to compromise the health and productivity of the species in future climates. Ecological niche models have been widely used to predict ecological niches of species and provide a scientific basis for developing adaptive strategies. Manuscripts that address the issues in development and applications of ecological niche models are welcome for this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2022)



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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).

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