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Decadal Variability and Predictability of Climate

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Decadal variability and predictability of climate has been highlighted as a priority area for research over past decades. In addition, the socio-economic and environmental impacts of decadal variability and the prediction of decadal variability and climate change have also attracted many attentions.

In this special issue, we aim to bring together theoretical, observational, and modelling studies and to review and advance our understanding and prediction of both internally-induced and externally-forced decadal variability with a special emphasis on, but not limited to, the interactions between different ocean basins and between ocean, atmosphere, ice and land.

Keywords Decadal variability, climate change, inter-basin interactions, ocean-atmosphere interactions, decadal predictability and prediction, Pacific Decadal Oscillation, Atlantic multi-decadal variability, ENSO and decadal variability, decadal change of global warming rate

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Special Issue



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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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