

## Special Issue

# Landscape and Climate Change

### Message from the Guest Editor

The characteristics of landscapes and climate are strongly related through a direct exchange between the terrestrial and the atmospheric system. Alterations in these properties inevitably have consequences for the climate system. While changes in landscapes affect greenhouse gas emissions, which in turn contribute to global warming, changes in climate cause vegetation shifts along altitudinal and latitudinal gradients.

Modifications in vegetation type compositions further feedback to the hydroclimatic system as well as to atmospheric processes that alter the regional and local climate with impacts on the socio-ecological system. Kind regards,

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### Guest Editor

Prof. Dr. Katja Trachte

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### Deadline for manuscript submissions

closed (31 May 2020)



## Climate

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CiteScore 5.7



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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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### Editor-in-Chief

Dr. Timothy G. F. Kittel  
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#### Rapid Publication:

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