



Climate Change and Ecosystems: Impacts and Feedbacks

Guest Editors:

Dr. Nitin Chaudhary

Department of Physical
Geography and Ecosystem
Science, Lund University,
Sölvegatan 12, SE- 22362 Lund,
Sweden

Dr. Francesc Castellvi

Department of Environmental
and Soil Sciences, School of
Agrifood and Forestry Science
and Engineering, University of
Lleida, Av. de l'Alcalde Rovira
Roure, 191, 25198 Lleida, Spain

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Message from the Guest Editors

The Earth's surface is characterised with myriads of ecosystems such as forest, grasslands, and wetlands, and these ecosystems have their unique characteristics and functionalities. Their distinctive underlying processes and mechanisms make them respond differently under changing climate conditions. Almost all of these ecosystem types have been adapting and adjusting to the progressively warmer world. We invite researchers to contribute original research articles, review articles and editorials to our Special Issues in Atmosphere. In this Special Issue, we will focus on the responses of different terrestrial ecosystem types to climate change using experimental or modelling experiments. We invite manuscripts focusing on the effects of recent past and near future changes in climate. We also wish to include studies that examine the effects of ecosystem-climate feedbacks. This may include effects of both biogeophysical and biogeochemical effects on regional as well as global climates.





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Editor-in-Chief

Dr. Daniele Contini

Institute of Atmospheric Sciences
and Climate (ISAC), National
Research Council (CNR), Str. Prv.
Lecce-Monteroni km 1.2, 73100
Lecce, Italy

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!

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Contact Us

Atmosphere Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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