

Special Issue

Climate Change and Ecosystems: Impacts and Feedbacks

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.

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

Deadline for manuscript submissions

closed (22 September 2021)



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

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About the Journal

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!

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

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