



Climate Change Impacts, Adaptation, and Mitigation in Urban Areas

Guest Editor:

Prof. Dr. Sergei Soldatenko

St. Petersburg Federal Research
Center of the Russian Academy of
Sciences, 195197 Saint
Petersburg (ex Leningrad), Russia

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Message from the Guest Editor

This Special Issue will showcase research on climate change effects on the environmental conditions across a wide range of spatial scales, from global to urban. We encourage the submission of papers discussing essential features of climate change and variability in different parts of the world obtained from observations and using climate models. Articles focusing on the identification of the risks climate change poses to various organizations, institutions, and natural and anthropogenic systems, and on the development of adaptation measures to secure a resilient and prosperous future, are very welcome. Contributions describing the development of techniques and methodologies to mitigate climate risks are of considerable interest. Since geoengineering represents one of the most radical approaches to mitigating the effects of global warming, articles that examine geoengineering techniques and their potential applications and uses are of particular interest.

Thus, the main purpose of this Special Issue is to shed more light on the effects of climate change on natural systems and human society.





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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

Tel: +41 61 683 77 34
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