Special Issue

Global Climate Change and Food Security: Recent Trends, Current Progress and Future Directions

Message from the Guest Editors

Climate change is one of the most significant challenges facing world agriculture in fulfilling the Sustainable Development Goals in 2030. This Special Issue is devoted to hosting scientific discussions on all relevant topics of global climate change and food security in the twenty-first century. These include but are not limited to (1) the impact of climate variability and change on food production systems (crop, animal, fishery, etc.) and food security at relevant spatial scales and time horizons; (2) adaptation strategies for, and adaptive capacity of, agroecosystems to climate change; and (3) countermeasures (institutional reforms and policy options) needed to sustain long-term food security under climate change.

Guest Editors

Dr. Liming Ye
Department of Geology, Ghent University, Ghent 9000, Belgium
Dr. Waqar Ahmad
Institute of Soil and Environmental Sciences, University of Agriculture, Faisalabad, Pakistan

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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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