Special Issue

Climate-Water-Food Nexus

Message from the Guest Editors

The global mean temperature has been steadily increasing for the last few decades, and this trend will likely continue for years to come. The increase in temperature coupled with population growth will significantly impact both the water and the food sector in the future, particularly in areas that show no change or a slight increase in precipitation. Currently, agriculture is the largest user of fresh water resources around the world. The scope of this Special Issue includes analytical, experimental, and modeling studies that describe the interaction of climate, water, and food. We invite you to submit original or review papers on the issue of climate–water–food nexus, concerning both theoretical and experimental aspects: climate change impact on water, drought, food production, modeling the climate–water–food nexus, experimental studies, as well reviews on climate variables that impact water, carbon, and nutrient cycles.

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Deadline for manuscript submissions

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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

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