Special Issue

Global Precipitation with Climate Change

Message from the Guest Editor

Precipitation is one of the hardest to predict and measure quantities. However, the amount, duration and time of precipitation is of great importance for agricultural, water management, generation of hydropower, flood protection, shipping, and many more sectors. Water demands have increased tremendously over the last 70 years due to nearly quadrupling of the world population. This Special Issue aims at advancing our current knowledge on precipitation. Articles addressing measurement and modeling issues, as well as parameterization of precipitation, are welcome. Additionally, investigations on precipitation changes over timeframes longer than 30 years, and improved gridded datasets with high resolution of precipitation are encouraged too. Furthermore, papers addressing the impact of air pollution, land-use and land-cover changes, as well as wind farms on precipitation, are sought.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2017)

Atmosphere

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Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/7206

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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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