Recent Topics of Climate Vulnerability: Statistics, Machine Learning, and Data Science, from Theory to Application

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Deadline for manuscript submissions:
closed (9 December 2022)

Message from the Guest Editors

Dear Colleagues,

We invite researchers to contribute original research and review articles dealing with climate vulnerability and how statistics, machine learning, and data science can be used as tools to provide good solutions to penta-helix collaboration.

Topics of interest include but are not limited to:

- Measuring climate vulnerability, pollution, air quality, and environmental issues;
- Implementation of recent statistics, machine learning, and data science in climate issues;
- Integrating statistics in penta-helix collaboration;
- Addressing the implication of climate change to economics, socio-culture, gender equality, and other SDG topics.

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Special Issue

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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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