



Cloudiness, Weather Modification and Their Effects on Populations, Environment and Land

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Message from the Guest Editors

Dear Colleagues,

The cloudiness and cloud cover changes in the atmospheric layers have a significant influence on the extreme climate effects. There are many advanced methods and techniques that can analyze the lower and upper layers of clouds, dew and fog. For this purpose, mostly advanced GIS and remote sensing techniques such as kriging, semi-kriging, interpolation, zonal statistics, classification, graded points, advanced raster analysis, batch processing with processing framework, nearest neighbor analysis, unsupported and supported pixel classification, object oriented classification, overlay vector classification, soft pixel classification, machine learning, AHP, AHP fuzzy network, etc. are used. In the future, weather and weather modification, including climate change and extremes, will have a greater impact on the environment, the population and land. Therefore, scientific solutions oriented towards the usage of alternative water resources in the atmosphere may pose a significant sustainable approach in a changing environment affected by climate change.





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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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