Special Issue

Artificial Intelligence for Meteorology Applications

Message from the Guest Editors

The Artificial Intelligence (AI) is playing a more and more essential role in the industrial revolution and we are seeking a lot of evolution in various machine learning methodologies. Forecast of meteorological disasters is an important and challenging worldwide problem. Various techniques have been used to solve it, but the accuracy of them is not high due to the highly nonlinear, random, and complex nature of precipitation. In recent years, with the rapid development of artificial intelligence technology, it has gradually penetrated into all aspects of people's lives, and the meteorological field are no exception. This Special Issue aims at bring together top academic scientists, researchers and research scholars to exchange and share their experience and research results in all aspects of the application of meteorology based on artificial intelligence. It also provides an important interdisciplinary platform for researchers, practitioners and educators to show and discuss the latest innovations, trends and concerns in the field of meteorological applications, as well as the practical challenges and solutions.

Guest Editors

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Deadline for manuscript submissions

closed (15 September 2022)

Atmosphere

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Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/107643

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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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