Special Issue

Advanced Statistical Methods in Environmental and Climate Sciences

Message from the Guest Editors

The fields of environmental and climate science are dealing with increasingly complex and changing phenomena, where many processes interact to create patterns that are difficult to understand over time and space. The application of advanced statistical methods is essential for the identification of these structures from both descriptive and predictive perspectives. This approach provides objective elements for decision-making processes. The existence of massive databases, which not only contain a very large volume of information, but also a large number of interconnected variables, allows for the use of sophisticated data analysis techniques in the context of climate change. Our focus is on innovative methods for modeling and understanding the relationships between variables that manifest differently in space or time. This special issue invites cutting-edge research that applies and develops advanced statistical methodologies to address critical challenges in environmental and climate sciences. We encourage submissions that present methodological innovations as well as demonstrate their application to real-world problems.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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