Special Issue

Spatial–Temporal Data Analysis and Its Applications

Message from the Guest Editors

The objective of this Special Issue is to bring together an interdisciplinary selection of works that relate to the topics of spatial and temporal modelling with a methodology and application focus. The interface of spatial modelling and time-series analysis has emerged as an important field of research on the boundary of many disciplines, including computational statistics; machine learning and big data analytics.
We encourage submissions that focus on but are not limited to one of the following sub-categories:

Computational solutions to large scale estimation and simulation in big data spatial–temporal settings;

Application topics in global warming and environmental modelling;

Spatial–temporal risk modeling for decision making under uncertainty;

Spatial–temporal demographic statistics for population planning and analysis;

Spatial–temporal epidemiological solutions;

In particular, analysis and interpretation with the help of statistical tools based on entropy and information theory are included in this Special Issue.

Guest Editors

Prof. Dr. Tomoko Matsui

Prof. Dr. Pavel Shevchenko

Prof. Dr. Gareth W. Peters

Prof. Dr. Francois Septier

Deadline for manuscript submissions

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Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Editor-in-Chief

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