Special Issue

Statistical Methods for Earthquake Hazard Assessment and Risk Analysis

Message from the Guest Editors

Assessing seismic hazards and analyzing the risk of strong earthquakes is of great significance for earthquake disaster mitigation and preparedness. In this practice, statistical methods and entropy/information theory are widely utilized to identify the spatial-temporal pattern of past seismicity with uncertainty quantification, to validate proposed forecasting models, and investigate the risk potential of future strong earthquakes. Further success on this front requires new techniques and applications of statistical models and entropy/information theory toward earthquake hazard assessment and risk analysis. Contributions addressing any of these issues are very welcome.

This Special Issue will accept the articles focused on (not restricted to) the following topics:

Guest Editors

Dr. Peng Han

Dr. Jiancang Zhuang

Prof. Dr. Changsheng Jiang

Dr. Jiawei Li

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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