Special Issue

Entropy and Space-Time Analysis in Environment and Health

Message from the Guest Editor

Dear Colleague, Stochastic nature is considered to be inherent in the space-time variations of complex natural and social systems, e.g., environmental processes and infectious disease. The stochastic uncertainties can result from the limited understandings of the (1) underlying dynamics, (2) external forcing, (3) initial and boundary conditions, as well as the limited observations across space and time. Entropy and its related methods can provide ways to characterize and formulate the uncertainties of the complex space-time processes. This special issue aims to present approaches and applications of entropy and related methods for the space-time analysis and modeling of the complex environmental systems and their associations with public health, e.g., disease dynamics.

Guest Editor

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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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