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.

Dr. Hwa-Lung Yu
Guest Editor

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