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Dynamics under Uncertainty: Modeling Simulation and Complexity

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Message from the Guest Editors

The dynamics of systems have proven to be very powerful tools in understanding the behavior of the different natural phenomena throughout the last two centuries. However, the attributes of natural systems are observed to deviate from their classical state due to the effect of different types of uncertainties. Actually, randomness and impreciseness are the two major sources of uncertainties in natural systems. Randomness is modeled by different stochastic processes and impreciseness could be modeled by fuzzy sets, rough sets, Dempster–Shafer theory, etc.

The Special Issue will collect high-quality papers addressing uncertain dynamics, their modeling and simulation. Submitted papers should not have been previously published or be currently under consideration for publication elsewhere.

We invite authors to submit original research articles that propose novel modeling and simulation of uncertain complex systems in various fields of natural science.

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Message from the Editor-in-Chief

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