Special Issue

Artificial Intelligence and Complex System

Message from the Guest Editor

Due to the rapid advent of large datasets published on the Web and the development of methodologically rigorous tools, such as network analytics and mixed models, it has become possible to conduct deep studies of complex systems across the natural and social sciences. At the same time, the rise of artificial intelligence methods and architectures such as deep neural networks and transformer-based language models allow us to not only model and describe complex systems, but to predict their evolution and prescribe appropriate interventions. In this Special Issue, we are seeking approaches that explore the intersection of AI and Complex Systems. We are looking both for AI approaches with prescriptive and predictive power in a range of domains, but we are also looking for innovative use of AI in building richer models of complex systems more efficiently and accurately. This Special Issue welcomes diverse types of articles including original research, reviews, and perspective papers.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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