Special Issue

Aspects of Social Dynamics: Models and Concepts

Message from the Guest Editor

One of the most important tasks for researchers of human and animal societies is to understand the dynamics of these societies. In order to do this, researchers often use models and concepts from different areas of mathematics and natural sciences. This Special Issue aims to contribute to the development of Mathematical Social Dynamics by presenting a discussion of various models of structures and processes in animal and human societies. We have listed several sources of concepts and models such as Statistical Physics and Thermodynamics, Mathematical Biology and Mathematical Sociology, Nonlinear Dynamics, Game Theory, Time Series Analysis, and Theory of Networks. However, concepts and mathematical models of society dynamics from other areas of natural and social sciences are also warmly welcomed. Another goal of the Special Issue is to provide a platform for those researchers who study the dynamics of these societies using mathematical models. We also hope to attract the interest of young researchers to the huge and promising area of mathematical studies of social systems.

Guest Editor

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Editor-in-Chief

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