



Computational Social Science

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Message from the Guest Editors

Dear Colleagues,

The last centuries have seen a great surge in understanding and control of ‘simple’ physical, chemical, and biological processes through data analysis and the mathematical modelling of their underlying dynamics. Encouraged by its success, researchers have recently embarked on extending such approaches to gain qualitative and quantitative understanding of social and economic systems and the dynamics in and of them. However, it is yet unclear if statistical ‘laws’ of socio-technical behaviour even exist. Such continuing search has resulted in the fields of computational social science and social network science. This Special Issue invites contributions to such fields of study, with focus on the temporal evolution and dynamics of complex social systems. As topics of interest, we propose research on more realistic models of social dynamics, the use of statistical inference, machine learning, and other cross-disciplinary techniques to complement the analysis of social dynamics, and the creation of loops between data acquisition and model analysis.

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