

Special Issue:

Modelling and Simulation of Social-Behavioural Phenomena Towards Efficient Decision Processes

Motivation

The growing challenges of societal sustainability, social complexity, behavioural operations research and cohesion are becoming more and more acknowledged worldwide. Application of computational models to study issues of decision processes in the social systems has been undergoing rapid development recently. However, there is a conceptual and analytical gap in understanding the driving forces behind them. The Feature Issue focuses on the integration of computer science and social science, for strengthening the visibility, recognition, and understanding of problems of simulation and modelling in social decision processes.

The object of the papers covers topics and streams which allow one to familiarize with the trends and clarify a common attitude with respect to social policy modelling and decision support, concepts and models of the social capital, social-behavioural modelling, concepts and models of creative societies and economies, operations research methodologies for societal complexity of cultural processes, agent-based social simulation systems, multi-agent systems and agent societies, computational intelligence applications in social sciences, etc.

Content

In the above-mentioned context, this Feature Issue aims to present a thorough multidisciplinary research for making important contributions, starting from concepts and models, and ending with recommendation and decision support systems capable of contributing to the effective global and Europe-wide cultural and social policy formation agendas. The papers need not be bounded by the topics provided, but they should make clear implications for understanding and improving the social decision-making process.

Journal information:

[<https://link.springer.com/journal/40070>](https://link.springer.com/journal/40070)





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Guest Editors:

Dorien DeTombe (Delft University of Technology, Netherlands)

Gerhard-Wilhelm Weber (Poznan University, Poland)

Schedule:

- September 18-20, 2019 – Conference
- November 10, 2019 – Full Paper Submission
- January 5, 2020 – Final Decision Notification
- Mid-2020 – On-line Publication of the Feature Issue

Prospective authors may send their full papers (up to 25 A4 pages) via EasyChair.

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