Theory and Practice in System Dynamics Modelling

Guest Editor:

Prof. Dr. Vladimír Bureš
Faculty of Informatics and Management, University of Hradec Králové, Rokitanského 62, 50003 Hradec Králové, Czech Republic

Deadline for manuscript submissions:
closed (15 March 2018)

Message from the Guest Editor

System dynamics has helped to improve our understanding of the world around us in various domains. Nowadays, system dynamics represents a methodological approach, for which tools and techniques have already been developed and applied by academicians, consultants, practitioners, educators, managers or policy makers.

This Special Issue invites papers covering a broad range of topics, ranging from methodological issues to application case studies.

Possible topics of interest are (but are not limited to) the following ones:

- Case studies from various domains based on robust and strict methodology
- Analysis of feedback loops
- Comparative analysis with other modelling approaches
- Computer simulations
- Identification of generic structures or system archetypes
- Advances of system dynamics methods and tools for more appropriate analysis of system behavior
- Issues related to modelling and simulation of hard or soft systems
- Strategies and procedures applicable in modelling and simulations
- Application of systems thinking in practice
- Capturing of dynamics in mental models
- <

Special Issue

Editor-in-Chief

Prof. Dr. Ben Clegg
Operations & Service Management Department, Aston Business School, Aston University, Birmingham B4 7ET, UK

Message from the Editor-in-Chief

Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SSCI (Web of Science), Ei Compendex, dblp, and other databases.
Journal Rank: JCR - Q1 (Social Sciences, Interdisciplinary) / CiteScore - Q2 (Modeling and Simulation)

Contact Us