

Special Issue

Civil Systems Engineering

Message from the Guest Editors

This Special Issue seeks contributions that establish a scholarly foundation for engineering civil systems in the natural and built environment. The contributions will be presented to the civil systems community as well as to civil systems researchers and practitioners in various industries. Papers are being sought in the following areas:

- Civil systems research and practical applications
- Civil systems modeling methods
- Disaster management and resiliency
- Multi-scale modeling of natural and urban systems
- Multi-scale modeling of urban infrastructure
- Behavior modeling of large-scale urban systems
- System of systems modeling
- Simulation, optimization, and tradeoff analysis
- Systems validation and verification
- Spatio-temporal modeling of urban/natural systems
- Data, sensing, and analytics for urban systems modeling and management
- Information management and decision support
- Applications of knowledge representation and reasoning (AI)
- Applications of machine learning (ML)
- Design and management of smart cities
- Digital twins for urban and natural systems management
- Cyber-physical-human systems modeling

Guest Editors

Dr. Mark Austin

Department of Civil and Environmental Engineering and Institute for Systems Research, University of Maryland, College Park, MD 20742, USA

Dr. Parastoo Delgoshaei

National Institute of Standards and Technology, Gaithersburg, MD 20899, USA

Deadline for manuscript submissions

closed (30 April 2021)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
systems@mdpi.com

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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.

Editor-in-Chief

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

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