

Special Issue

Advancing Systems Engineering in the Age of Digital Transformation

Message from the Guest Editors

The simultaneous pursuit of green and digital transformations presents both an unprecedented opportunity and a significant challenge for systems engineering (SE). To address these challenges, systems engineering approaches must evolve beyond their traditional boundaries. We especially encourage contributions that address the following topics for the Special Issue:

- Transdisciplinary thinking;
- System-of-systems engineering;
- Enterprise systems engineering;
- Systems engineering;
- Model-based systems engineering (MBSE);
- Agile systems engineering;
- Systems engineering decision patterns;
- Knowledge-based decision making in SE;
- Project/program management and SE integration;
- Artificial intelligence for SE and SE for artificial intelligence;
- Multidisciplinary design optimization;
- Resilience;
- Adaptability;
- Sustainability;
- Digital engineering (digital models, digital shadows, and digital twins);
- Green and digital transformation;
- Requirements engineering.

Guest Editors

Dr. Ali Asghar Bataleblu

Sustainable Manufacturing Lab, Free University of Bozen-Bolzano,
39100 Bolzano, Italy

Prof. Dr. David Cochran

Center of Excellence in Systems Engineering, Entrepreneurship and
Innovative Design Accelerator, Purdue University Fort Wayne, Fort
Wayne, IN 46805, USA

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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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About the Journal

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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