

Special Issue

Architectural Complexity of Systems Engineering

Message from the Guest Editor

The focus of this Special Issue is the description of foundational characteristics of complexity that transcend application domains analogous to the seminal work of Von Bertalanffy on systems theory. The objective is to provide insights into the architecture of complexity in systems engineering and enable movement beyond heuristics and general strategies for understanding and dealing with complexity in systems engineering. Toward this end, this Special Issue invites articles presenting, among other things, the following:

- Complexity metrics and measures, both theoretical and applied;
- Comparative analyses of more vs. less complex systems;
- Case studies of complex systems and systems complexity;
- Literature review of complexity in systems engineering;
- Manifested characteristics of complexity in systems, both beneficial and detrimental;
- The necessity of complexity, or alternatives to complex systems with implications;
- Applications of AI/ML in the study of systems complexity.

For more information, please visit:

mdpi.com/journal/systems/special_issues/8T1F6ES208

Guest Editor

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closed (31 December 2024)



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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.

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