Special Issue

Engineering Resilient Systems

Message from the Guest Editors

Engineered systems are critical to the success of most private companies and public organizations. However, these systems have become more complex, interconnected, automated, and costly to develop, operate, and support in the face of changing environments and new competition/adversaries. A resilient engineered system can be defined as “A system that is able to successfully complete its planned mission(s) in the face of a disruption (environmental or adversarial) and has capabilities to perform future missions with evolving threats.” This definition highlights the challenges of meeting planned missions and future missions with uncertain adversarial threats. Engineering managers, project managers, systems engineers, and systems analysts need new techniques to assess the potential resilience of engineered systems during system development that will enable future system operators to maintain critical system capabilities with evolving threats. This Special Issue focuses on the engineered systems resilience evaluation of design and operational options to enable future capability and extend the system life cycle.

Guest Editors

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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

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