Special Issue

Advances in Reliability Engineering for Complex Systems

Message from the Guest Editors

This Special Issue of Systems invites you to address recent advances in reliability engineering for complex systems that enable the development of highly dependable systems by proactively identifying and mitigating potential failure points and consider related topics such as downtime, operational efficiency, cost savings, and safety. Modeling and simulations that provide analysis and optimization advancements regarding physical implementation are becoming increasingly useful as system complexity increases.

Contributions to this Special Issue should explore the application of artificial intelligence and machine learning for data automation and analytics to leverage vast data potentially available for complex systems. They may also study intricate complex systems that present numerous interconnected components, requiring advanced reliability techniques to analyze interactions and potential failure pathways. The goal of this Special Issue is to highlight significant research advancements and provide articles that contribute to the body of knowledge enhancing overall reliability engineering within complex systems. For more information, please visit: Reliability Engineering

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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.

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