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Data-Driven Decision Making for Complex Systems

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Deadline for manuscript submissions:
closed (25 August 2025)

Message from the Guest Editors

Dear Colleagues,

This Special Issue is dedicated to establishing a scholarly foundation for data-driven decision making, with a specific focus on risk and education management within complex systems:

Risk Identification: Data analysis can uncover potential risks within complex systems by identifying patterns, anomalies, or factors that may lead to adverse events.

Risk Assessment: Data-driven models can quantify the likelihood and impact of identified risks, providing a structured way to prioritize and assess risks within the system.

Early Warning Systems: Complex systems can benefit from data-driven early warning systems that detect anomalies or deviations in real time, enabling proactive risk mitigation.

Scenario Analysis: Data analytics can be used to simulate various scenarios to assess the impact of potential risks, aiding in decision-making and risk response planning.

Education: Data-driven systems allow the enhancement of personal and systematic approaches to educational activities realization in light of modern technologies in the educational process.

For more information, please visit: mdpi.com/journal/systems/special_issues/J76A8DS78K

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Message from the Editor-in-Chief

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