Special Issue

Artificial Intelligence and Risk Management for Sustainable Infrastructure

Message from the Guest Editors

This Special Issue of *Infrastructures* focuses on the intersection of artificial intelligence (AI) and risk management to develop and preserve sustainable and resilient infrastructure systems. With the increasing complexity and vulnerability of infrastructure systems worldwide, there is a growing need to integrate advanced AI technologies for risk assessment, mitigation, and overall sustainability. Articles in this Special Issue will seek to cover concepts and application of AI in infrastructure risk management, including predictive modeling, decision support systems, and real-time monitoring. Furthermore, the Special Issue also seeks to address the ethical and societal implications of deploying AI in infrastructure management, ensuring that sustainable development goals are upheld while leveraging technological advancements. By highlighting innovative methodologies, case studies, and best practices, the journal aims to foster interdisciplinary dialogue and contribute to the advancement of AI-driven approaches to building and maintaining resilient and sustainable infrastructure systems.

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