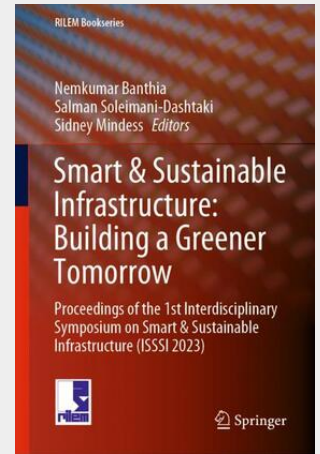


Smart & Sustainable Infrastructure: Building a Greener Tomorrow

Proceedings of the 1st Interdisciplinary Symposium on Smart & Sustainable Infrastructure (ISSSI 2023)

This book gathers peer-reviewed contributions presented at the 1st Interdisciplinary Symposium on Smart & Sustainable Infrastructure (ISSSI), held in Vancouver, BC, Canada, on September 4–8, 2023, and affiliated with the 77th RILEM Annual Week 2023. Aiming at creating an environment of mutual cooperation between experts in materials and structures, it covers topics such as sensors, IoT, and structural health monitoring, AI and machine learning, data analytics for infrastructure management, nanotechnology, additive manufacturing, smart and bioinspired materials, durability of materials and structures, resilience to earthquakes, floods, fire and blast, carbon reduction in construction and operations, and sustainable ultra-high performance materials. The contributions, which were selected through a rigorous international peer-review process, share exciting ideas that will spur novel research directions and foster new multidisciplinary collaborations.



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