Special Issue

Smart and Sustainable Cities and Rural Regions: Data-Driven Approaches for Resilient and Sustainable Infrastructure

Message from the Guest Editor

This Special Issue explores the role of advanced technologies and data-driven solutions in developing resilient, sustainable, and interconnected infrastructure across both urban and rural settings. As cities and rural regions evolve, their infrastructure needs are increasingly interlinked, requiring integrated approaches that support economic growth, environmental sustainability, and social well-being. Rapid urbanization, climate variability, and technological advancements are reshaping urban infrastructure. Rural areas, which are critical for food production, resource management, and cultural preservation, are modernizing to enhance their connectivity, service delivery and resilience. Bridging urban and rural infrastructure gaps requires innovative, adaptable, and region-specific solutions. This Special Issue will showcase case studies, methodologies, and policies that highlight how integrated, technology-driven infrastructure solutions can support both urban and rural regions. By fostering collaboration and leveraging smart systems, we can create more resilient, adaptive, and sustainable infrastructure that meets the needs of diverse communities and ensures long-term prosperity.

Guest Editor

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Editor-in-Chief

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