

Special Issue

Smart Cities for Sustainable Development

Message from the Guest Editor

The Smart Cities concept is evolving toward Sustainable and Resilience Cities in response to the challenges resulting from increasing energy costs and the overpopulation of cities; for example, half of the global population now live in cities—a figure that is expected to rise to 80% by 2050— and > 7 billion people are projected to be living in urban areas, extreme weather events driven by climate change, the mobility of new ecosystems, post-COVID-19 lifestyles and the promotion of remote work, and all of the new investments in the co-existence of digital, virtual, and physical ecosystems. The development of sustainable infrastructure, with a strong awareness of its impact, is crucial; current buildings account for 30% of global energy consumption and 28% of energy-related carbon emissions. City leaders must act with urgency against a worldwide pandemic, climate crisis, economic uncertainty, and budget constraints to make urban infrastructure more resilient.

Guest Editor

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