

EDITORIAL: EDUCATION, TECHNOLOGY, SUSTAINABILITY AND INFRASTRUCTURE*

Every year we organise the Smart Sustainable and Safe Cities Conference, which has become a fully online conference organised by NextTechnologies Ltd. Complex Systems Research Institute. Each researcher gives virtual presentations and writes a scientific article related to the Smart Sustainable and Safe Cities disciplines.

This Thematic Issue of INDECS examines education, sustainability, technology, and infrastructure in the smart community.

The aim of this Thematic Issue is to provide a space for researchers to present their new ideas in four areas: education, digital technology, sustainability, and infrastructure.

Our selected articles form an interdisciplinary field of research on the following topics: sustainable education, digital transformation, information security, digital skills, IoT, LoRaWAN, cloud technology, cybersecurity, critical infrastructure, anti-fragile energy systems, and renewable energy.

Education – Several articles address the digital transformation of education, focusing on both artificial intelligence and digital literacy.

Technology – Articles explore the application of artificial intelligence in the smart city structure. IoT, LoRaWAN, and cloud technologies continue to be a major focus of researchers' work. An emerging area is the digital transformation of the justice system in relation to digital citizenship.

Sustainability – This area touches on many important aspects, such as the security of energy networks, and the impact of renewable energy sources, as well as the sustainability of wastewater treatment. The link between our main themes is corporate culture through corporate sustainability.

Infrastructure – Some research focuses on improving the security of critical infrastructure. Others address the fundamental issue of creating intelligent transport networks by analysing existing infrastructure networks between cities. There are also cross-cutting and multi-disciplinary issues, such as examining the success of infrastructure projects.

One common objective of these studies, however, is to explore smart cities and, as a result, create better communities.

Cordially,

Budapest, 30th November 2024

Guest editors

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