Special Issue

Regeneration Control, Sensing and Digital Twin of Eco-Environment

Message from the Guest Editors

Modern cities are evolving towards intelligent and ecological systems. Measuring, observing, and controlling the dynamic eco-environment through digital twinning (DT) technology and cyber-physical systems (CPSs) is crucial for constructing eco-friendly smart cities. However, harnessing multi-source, multi-dimensional data perception and control in the eco-environment is challenging. DT technology, utilizing machine learning and IoT, creates digital replicas and optimizes eco-environmental evolution. Regeneration control technology recovers dissipated energy, enhancing energy efficiency. This Special Issue aims to promote eco-friendly smart cities using DT and regeneration control. We encourage submissions covering a broad range of topics.

Guest Editors

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Deadline for manuscript submissions

closed (15 January 2024)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/178083

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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