

Special Issue

Advances in Artificial Intelligence for Infrastructures

Message from the Guest Editors

Artificial intelligence (AI) is a potent instrument that may assist humans in comprehending and resolving challenging issues. AI offers a special set of tools for innovating infrastructure, enabling quicker, more automated decision-making and better network efficiency. Specifically, AI is able to manage power usage, track changes in traffic patterns, and keep an eye on security thresholds. Large volumes of data can be swiftly processed and analyzed by AI, which allows it to make judgments faster than a human operator could. Cities are becoming safer, more connected, and more efficient thanks to AI-driven infrastructure innovation. In the realm of infrastructure innovation, artificial intelligence (AI) is a priceless tool that may greatly aid cities striving to uphold their status quo and enhance their standard of living. This Special Issue of *Advances in Artificial Intelligence for Infrastructures* covers a wide range of topics of the application of AI in the structural and transportation engineering field.

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