

Special Issue

Trustworthy AI and Distributed Intelligence in Smart Cities

Message from the Guest Editors

In the modern world, cities heavily rely on modern technologies, such as Artificial Intelligence (AI), data analytics, and the Internet of Things (IoT), to optimize urban infrastructure and services. However, the over-reliance of smart cities on these technologies has resulted in growing concerns over the security, safety, and interpretability of AI algorithms and the ethical use of the technology. Globally, there are calls for technology to be made more humane and human-centered. Thus, for these modern technologies, such as AI, to be widely accepted and implemented in human-centered applications, they need to be reliable and trustworthy. Moreover, distributed intelligence, which promotes the decentralized processing of data across devices, can further enhance smart city infrastructure by enhancing scalability, resilience, and privacy through local processing. In this call for papers, we request contributions presenting techniques (methods, tools, and ideas) that contribute to trustworthy and distributed intelligence for smart cities. This will result in a collection of works promoting trustworthy and distributed intelligence for human-centric smart city applications.

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