Special Issue

Recent Advances in the IoT and Smart City Based on Artificial Intelligence

Message from the Guest Editors

The technology of IoT and smart city systems is based on sensors through which an enormous amount of data is collected. Given the inhomogeneity of data coming from different sources and different devices, it is difficult to determine the right methods for their collection, processing, and analysis. The IoT and smart city can be supported by Artificial Intelligence (AI) methods to create devices that simulate intelligent behavior and enable decision making with little or no human intervention. In smart city, IoT devices are interconnected and communicate for various tasks. The use of IoT applications is increasing exponentially, generating a large amount of connected data and, hence, the risk of data breaches and information leakage. Artificial Intelligence is used to develop complex algorithms to protect networks and IoT and smart city systems. This Special Issue of Electronics covers research and discussion on applying AI methods to data collected by IoT and smart city devices in various domains, as well as improving the security of IoT and smart city systems. Both original research articles and comprehensive review papers are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2022)

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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