

Special Issue

Edge Intelligence and Green Communication Networks for IoT

Message from the Guest Editors

Edge intelligence and green communication networks are emerging as pivotal technologies in the development of the Internet of Things (IoT). As IoT devices proliferate, the need for efficient, low-latency, and sustainable network solutions becomes increasingly critical. Edge intelligence brings computation and data processing closer to the source of data generation, reducing latency, enhancing privacy, and improving the overall efficiency of IoT systems. Conversely, green communication networks emphasize energy efficiency and a reduction in carbon footprints, ensuring that the expansion of the IoT does not come at the expense of environmental sustainability. The integration of edge intelligence with green communication networks holds the potential to revolutionize the IoT by enabling smart, adaptive, and environmentally-friendly systems. We invite you to contribute to this Special Issue by submitting your research on the forefront of edge intelligence and green communication networks for the IoT, showcasing innovations that drive the future of sustainable and efficient IoT ecosystems.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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