

Special Issue

Artificial Intelligence of Things for Carbon Neutrality

Message from the Guest Editors

Carbon neutrality, which is a state of net-zero carbon dioxide emissions, has been identified as the world's most urgent mission by The United Nations. Carbon neutrality is critical for the development of a sustainable world. Many governments, organizations, universities, and enterprises have pledged to the mission of achieving carbon neutrality by 2050. Therefore, scientists all around the world are developing technologies to enable accurate carbon accounting and significant carbon offset. Artificial Intelligence of Things (AIoT) are a promising technology to achieve carbon neutrality, which refers to the combination of artificial intelligence with the internet of things infrastructure to achieve more efficient IoT operations, improve human-machine interactions, and enhance data management and analytics. In particular, various sensors or Internet of Things devices can be deployed ubiquitously to accurately measure the amount of carbon emission. This Special Issue aims to collect the latest developments on AIoT for carbon neutrality.

Guest Editors

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