



## Developing 5G/6G Wireless Technologies for Sustainable Communication Systems

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### Message from the Guest Editors

This Special Issue encourages researchers to present original and recent developments in fundamental theory, performance limits, design, management issues, and challenges and promising solutions for sustainable 5G and 6G communication systems. Topics of interest include but are not limited to the following areas:

- Energy-aware design of 5G/6G transmissions and communication systems;
- Wireless energy transfers and energy harvesting for sustainable 5G/6G systems;
- Potential 5G/6G applications toward sustainable development growth;
- Transdisciplinary approaches toward sustainable 5G/6G developments and implementations;
- Application of information theory to the 5G/6G communication systems;
- Big data and edge AI technology as enablers for 5G/6G communication systems;
- Novel interference solutions and resource controls for 5G/6G communication systems;
- Cell-free massive MIMO for 5G/6G communication systems;
- Propagation modeling on millimeter waves and terahertz spectrum;
- High intelligence versus privacy and complexity;
- Three-dimensional integrated communications;
- Ultra-reliable low-latency communications;
- Security and reliability issues with 6G/IoT.

# Special Issue



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## Message from the Editor-in-Chief

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