Next Generation Communication Systems

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Deadline for manuscript submissions:
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Message from the Guest Editor

This Special Issue intends to examine the rising trends, difficulties, and opportunities in the field of Next Generation Communication Systems (NGCS) as we stand on the verge of the subsequent stage of technological progress. The "Next Generation Communication Systems" Special Issue aims to compile the most recent findings and perspectives from academic, industrial, and research institutions across the globe.

The following subjects are covered by this special edition:

- 5G Network Architecture and Design;
- 6G Communication Systems;
- Open/Virtual Radio Access Networks;
- Spectrum Management;
- Dynamic Spectrum Sharing ;
- Industrial Internet of Things;
- Society 5.0 and NGCS;
- Artificial Intelligence and Machine Learning in Communication;
- Perspectives of Green Communication;
- Integrated Sensing and Communication;
- Sustainable Development Goals and NGCS ;
- Safety and Security in NGCS;
- Ultra Massive MIMO and Cell Free Communication;
- Advanced Channel Coding Techniques;
- mm Wave and THz Communication;
- Cloud and Fog Computing in NGCS.

Special Issue

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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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