Machine Learning-Enabled Radio Resource Allocation for Sustainability of Wireless Engineering Technologies

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Deadline for manuscript submissions:
closed (30 November 2020)

Message from the Guest Editors

We aim to focus on the most recent advances in ML research areas encompassing the RRA in the 5G/5BG WET sustainability domain. This Special Issue will bring together researchers from diverse fields and specialization, such as communication engineering, computer engineering, computer science, information technology, statistics, and mathematics. We invite researchers from industry, academia, and government organization to discuss challenging ideas and novel research contributions, demonstrate results, and share standardization efforts on the RRA approaches for 5G/B5G WET sustainability and related areas. Topics of interest include but are not limited to:

- Radio access networks' sustainability:
    - ML-enabled RRA approaches for 5G WET;
    - ML-enabled RRA approaches for B5G WET;
    - ML-enabled RRA approaches for unlicensed spectrum WET;
    - ML-enabled RRA approaches for shared spectrum WET (LTE-A, LTE-LAA, LWA, etc.);
- ML-enabled end-to-end network slicing for WET sustainability;
- ML-enabled next-generation V2X WET sustainability;
- ML-enabled software-defined networks sustainability:
    - ML-enabled SDN frameworks;
    - ML-enabled edge/fog computing sustainability.

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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