



Green Communications in Smart City

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Deadline for manuscript
submissions:

closed (31 March 2019)

Message from the Guest Editors

As the vision of smart cities is becoming a reality, the number of sensors, devices, and embedded platforms deployed in our surroundings is rapidly increasing. The communication requirements of various systems and sub-systems in smart cities that are expected to improve our well-being are also increasing. The energy requirements for providing connectivity to billions of new devices and trillions of message exchanges between these devices would contribute significantly towards greenhouse gas emissions. Green communication enabling technologies and solutions is therefore critical for sustainable, smart cities.

Green communications in smart cities is challenging due to massive machine type devices; a diverse range of applications with different qualities of service; traffic requirements & deployment scenarios; a wide range of involved equipment and hardware; numerous energy efficiency tradeoffs; and heterogeneous communication and networking protocols, technologies, & architectures





an Open Access Journal by MDPI

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Message from the Editor-in-Chief

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