Call for papers
Special Issue on

Green Data Collection and Processing in Smart Cities

Cities are growing at a fast pace and by 2050, 70% of the world's population is expected to be urban. In this context, it is important for cities to become "*smarter*" and to be ready to accommodate this huge number of citizens and to face new arduous challenges e.g., traffic congestion, air pollution, waste management, water monitoring, etc.

In the last few decades, a lot of attention has been given to the evolution of the urban development towards technology, innovation and globalization, highlighting the need of "*smarter*" urban ecosystems. The term used to describe this revolution is "Smart City".

Smart Cities are systems of heterogeneous systems, merging technological and social aspects, fostering the citizen participation. Running efficiently all these systems together in a collaborative manner at an urban scale raises a large set of new challenges that range from urban-scale social and physical sensing to cloud-based urban data management going through energy-efficient wireless communication protocols, privacy by design, heterogeneous distributed data collection and assimilation, visual analysis, and urban system software engineering.

Topics of interest for this special issue include but are not limited to:

- IoT based developments for smart cities engineering
- Green data collection in smart cities
- Data visualization and restitution to citizen
- Big data technologies for smart cities
- Modelling and analysis of smart city technologies and systems
- Mobile applications for smart cities
- IoT deployments for smart cities
- Analytics for smart cities
- Cloud computing based approaches for smart city engineering
- Fog and edge computing based approaches for smart city engineering
- Cloudlet based approaches for smart city engineering
- Studies focused on green communication networks for smart cities
- Information management for smart cities
- Green transportation, healthcare, and governance for smart cities
- Security and privacy of smart city systems
- 5G and beyond for Smart Cities

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Papers must describe original research that advances state-of-the-art research and must not be simultaneously submitted to a journal or a conference with proceedings. Papers must be written in excellent English and should not exceed 10 pages. Previously published or accepted conference papers must contain at least 40% new material to be considered for the special issue. A covering letter to the Guest editors clearly describing the extensions made must accompany these types of submissions. All submissions must be made using the instructions available at:

http://annalsoftelecommunications.wp.mines-telecom.fr/how-to-publish/

The authors can directly submit their papers at: https://www.editorialmanager.com/ante/ and must select the menu "Choose Article Type" and then the item "CfP: Green Data Collection and Processing in Smart Cities".

Proposed schedule

- **Manuscript submission**   ~~June 30, 2019~~   Extended to December 31st
- **Online with DOI**   As soon as accepted
- **Printed issue**   2020