Artificial Intelligence and Advanced Technologies for Smart Cities and Environmental Sensing

Guest Editors:

Prof. Dr. Kah Phooi Seng

Prof. Dr. Li-Minn Ang

Prof. Dr. Junbin Gao

Dr. Hongbin Liu

Deadline for manuscript submissions:
closed (31 January 2023)

Message from the Guest Editors

Artificial intelligence (AI) and advanced computing technologies bring significant improvements in implementation efficiency for environmental sensing. We invite authors to contribute articles that present current trends and future perspectives for applications of AI and other advanced computing technologies in smart cities, environmental sensing and monitoring domains.

Relevant topics include but are not limited to the following:

1. Design of AI and novel advanced computing techniques for smart cities and environmental sensing;
2. Edge computing and architectures for smart cities and environmental sensing;
3. Opportunistic and participatory sensing with smartphones;
4. Cloud and ubiquitous computing architectures for smart cities and environmental sensing;
5. Swarm intelligence approaches and techniques for smart cities and environmental sensing;
6. Internet of Things (IoT) and wireless sensor systems for smart cities and environmental monitoring;
7. Environmental sensing testbeds for smart cities;
8. Crowdsourcing for smart cities and environmental sensing;
9. Security, privacy and blockchain systems for smart cities, environmental sensing and sustainability.

Special Issue

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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