

Preface to JAISE 12(5)

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1. This Thematic Issue

Recent advances in IoT devices and networks have enabled application developers to introduce large-scale solutions in different service domains. Through deploying networks of sensors across an entire field of operation, these solutions gather continuous streams of data which are aggregated and processed in centralized or distributed servers. Monitoring air pollution in cities and water pollution in marine ecosystems are two application domains in which monitoring of environmental factors can lead to policy decision making. In the agricultural field of applications, monitoring the essential attributes of the underlying environment and system such as sun exposure, humidity, and soil nutrients has driven application development for many years so far, while new sensory technologies can provide additional data for deciding about the best time to pick the produce from the fields.

This Thematic Issue presents some of the latest advances in the application of smart environments and ambient intelligence to agricultural and environmental technology. We wish to thank our colleagues Andrés Muñoz (Catholic University of Murcia, Spain), Jaehwa Park (Chung-Ang University, South Korea), Abdul M. Mouazen (Ghent University, Belgium), Josnalde Bar-

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2. Upcoming issues

The following is a list of upcoming issues of JAISE:

- November 2020: Regular Issue.
- January 2021: Thematic Issue on Location-aware Computing to Mobile Services Recommendation: Theory and Practice.
- March 2021: Regular Issue.
- May 2021: Thematic Issue on Trustworthy Computing for Secure Smart Cities.
- July 2021: Regular Issue.
- September 2021: Thematic Issue on Deep Learning-based Real-time Visual Analytics in a Smart City.

More information about JAISE and call for papers for future Thematic Issues is available from the website at: <http://www.iospress.nl/journal/journalof-ambient-intelligence-and-smart-environments/>.