



International Journal of Distributed Sensor Networks

Special Issue on
**Sensors and Sensor Networks in Agriculture,
Architecture, and Civil Engineering**

CALL FOR PAPERS

Recent advances in sensor and sensor network technologies have played an important role in agriculture, architecture, civil, and soil and water conservation engineering. Individual or integrated sensors and their networks enable more efficient use of information and resources while facilitating the realization of harsh and dangerous tasks in these fields. Methods and procedures, designed for operable and profitable devices, allow the processing of relevant information oriented toward the efficiency of the tasks.

This special issue provides a platform for researchers, students, and academics to collaborate with each other and present their papers that focus on sensing technologies in the four fields. We invite review and original papers describing current and expected challenges along with potential solutions for advanced sensor and sensor network technologies and applications in agriculture, architecture, civil, and soil and water conservation engineering.

Potential topics include, but are not limited to:

- ▶ Sensing materials
- ▶ Sensor and sensor network technologies based on physical design
- ▶ Sensor and sensor network technologies for chemical analysis
- ▶ Distributed sensors for monitoring environmental parameters
- ▶ Sensor network modeling, processing, services, and applications
- ▶ Sensor data acquisition, fusion, management, and mining
- ▶ Applications of sensor and sensor network in agriculture, architecture, civil, and water and soil conservation engineering

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ijdsn/ssna/>.

Lead Guest Editor

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leecy@mail.npust.edu.tw

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ardeshir.mahdavi@tuwien.ac.at

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jajiang@ntu.edu.tw

Mark Cheng, Wayne State University, Detroit, USA
mcheng@wayne.edu

Che-Hsin Lin, National Sun Yat-sen University, Kaohsiung, Taiwan
chehsin@mail.nsysu.edu.tw

Manuscript Due

Friday, 19 December 2014

First Round of Reviews

Friday, 13 March 2015

Publication Date

Friday, 8 May 2015