

Call for Papers  
*International Journal of Multimedia and Ubiquitous Engineering*  
(ISSN: 1975-0080)  
(<http://www.sersc.org/journals/IJMUE/>)

**Special Issue on**

**Ubiquitous Computing Systems and Services for Environmental Sustainability**

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**OVERVIEW**

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Ubiquitous Computing has potential for enabling interaction with services anytime and anywhere. Advances in Ubiquitous Computing have provided a new opportunity to fight global warming and environmental sustainability degradation due to carbon emissions. In recent years, public interest in environmental sustainability has been growing and people are reconsidering their actions to make a positive impact on the environment. In the past, Ubiquitous Computing research has yielded various frameworks and designed technologies for health-care, water conservation, various sensor-based monitoring tools, smart systems and mobile social networking tools. This special issue provides a platform for researchers and industry partners to foster current research activities and on-going project prototypes in the area of Ubiquitous Computing systems and services for environmental sustainability.

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**TOPICS**

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Topics of interest, but not limited to:

- design and development of innovative tools for physical world resource (e.g., energy, water) usage metering or regulation
- design and deployment of smart systems
- methodologies for applying technology to environmental sustainability
- frameworks for smart living and environmental sustainability
- monitoring tools and sensing for environmental sustainability
- infrastructure and sustainable ubiquitous computing
- green ubiquitous computing
- case studies and prototypes for smart living and environmental sustainability
- green smart spaces, from rooms, cars to buildings

- mobile persuasion for prudent living
- policy-based intelligence for resource regulation
- urban computing and intelligent systems for urban living
- citizen science, smart communities, and collaborative action
- other emerging new topics

## **SUBMISSION INSTRUCTIONS**

Authors are invited to submit original papers that have not been submitted in parallel to any other conferences or journals. The papers will be peer-reviewed and selected based on their quality, significance and relevance to the scope of the Special Issue. Please submit your papers to the Corresponding Guest Editor—Dr. Naveen Chilamkurti ([n.chilamkurti@latrobe.edu.au](mailto:n.chilamkurti@latrobe.edu.au)). Papers must be prepared in PDF format. For the format and page limit of the manuscript, please see <http://www.sersc.org/journals/IJMUE/>.

## **SCHEDULE**

Submission due: March 30, 2009

Acceptance notification: June 30, 2009

Revised version of paper due: July 20, 2009

Publication date: 3<sup>rd</sup> Quarter or 4<sup>th</sup> Quarter, 2009 (Tentative)

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