

**Call for papers**  
**for a special issue of the**  
**Australasian Journal of Information Systems (AJIS)**  
**on**  
**Green IT/IS (sustainable computing)**

**Guest co-editors**

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**Motivation and overview**

The Information Communications Technology (ICT) industry has a critical role to play in ensuring a reduction in energy consumption and greenhouse emissions and environmentally responsible management of ICT for its entire lifecycle. Currently ICT accounts for about 2% of total greenhouse emissions worldwide. This will increase substantially over the next 10-15 years as the adoption of ICT increases exponentially in developing countries (The Climate Group, 2008). Currently there is a dearth of empirical research supported by hard data in this field where the technology and legislation is changing rapidly.

This special issue has two objectives

1. publish empirical research on the sustainable management of ICT in organisations and the role of ICT in enabling sustainable business practices to reduce environmental impact,
2. to articulate a research agenda for the Information Systems discipline to provide leadership in this emerging and important field.

## Research questions

Academics from around the world are invited to submit to research papers which examine the management and role of ICT in achieving more sustainable practices at the organisational and individual level. Recognising the diversity of this emerging field we encourage submissions focusing on all aspects of green ICT from hardware through networking, specific applications that can transform business processes to individual behaviours to reduce energy inefficient practices. Theoretical papers as well as theory founded case studies are welcomed.

Some prospective topics on Green ICT include but not limited to:

- Application of IS theories, such as the resourced-based view in the field of Green IS
- Incentive systems to support sustainable ICT management
- Sustainable management of ICT infrastructure, operations and energy
- Management of the entire ICT hardware lifecycle to reduce environmental impact
- Management frameworks and key performance indicators for sustainable ICT management
- Processes and organisational structures enabling sustainable ICT management
- New ways of delivering ICT for more sustainable management of ICT – Virtualisation, SaaS, Utility computing, Cloud computing
- Building energy efficiency into the design of systems, applications and software
- Reducing environment impact by dematerialisation of activities through use of ICT– teleworking, telepresence, elearning
- Role of user behaviour in sustainable management of ICT
- Academic case studies on Green ICT or ICT resource management

## Deadlines and submission dates

June 1st, 2009	Two page outline prior full paper deadline is optional - guest editors can advise on the suitability of a proposed paper submission
October 1st, 2009	Deadline call for papers
January 1st, 2010	First review cycle completed
April 1st, 2010	Second review cycle and final acceptance
May 1st, 2010	Camera-ready papers for productions
Summer/fall 2010	Planned publication

## Information for authors

Online submission details

<http://dl.acs.org.au/index.php/ajis/about/submissions#onlineSubmissions>

Author guidelines

<http://dl.acs.org.au/index.php/ajis/about/submissions#authorGuidelines>

## **Manuscript Format**

Final presentation will be done by the editorial team, so you keep your submission format as simple as possible.

Text should be double spaced, left justified, without paragraph indenting, Times Roman 12 point font. Margins are 2.5cm top, bottom, left, and right, page size A4, pages numbered. Avoid footnotes. Place diagrams and images appropriately within the text.

References must be in 'Harvard' or 'MIS Quarterly' style:

In the text as

Smith (1970) or Smith (1970, p120).

In the References as

Smith, X.Y. (1970) Advanced Accounting, Cobb Publishing Co, Sydney.

Smith, X.Y. & Smyth, A.B. (1970) "The Current Cost Controversy - Again", Journal of the New School, Vol 1 No 3, pp 10-32.

Smith, X.Y. "The Current Cost Controversy - Again". <http://www.aaisnet.org/ajis/guidel.html> accessed 20 January 2006.

The length of the manuscript should be commensurate with content, but should not exceed 30 pages (double spaced, including tables and diagrams, but not including abstract and references). Where manuscripts exceed 30 pages justification needs to be made to the editor.

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