

******* CALL FOR PAPERS *******

SUBMISSION DUE DATE: **September 15, 2011**

SPECIAL ISSUE ON **“IT goes green: Systemic approaches to IT policy making, design, evaluation and management”**

International Journal of Information Technologies and the Systems Approach (IJITSA)

Guest Editors:

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INTRODUCTION:

Economic recession, global environmental concerns and availability of mobile technologies among other factors have contributed to the emergence of alternative computing infrastructures, products and service that promise individuals and organizations cleaner and more responsible information processing. A scheme that is now being popularized and put forward by technology providers is that of ‘cloud’ computing, which could help organizations reduce their operation and capital expenses whilst giving flexibility to consumers and end users. The benefits of this and other schemes are yet to be realized in particular regarding their environmental impacts within and beyond data processing facilities. Concerns about availability of energy to fuel computing platforms, mobile devices, offices or households still remain. Technology providers are competing to provide sophisticated devices and services whilst trying to balance their production and recycling processes with their carbon footprints. There are opportunities and challenges lying ahead for technology designers, managers and users in taking environmental and green concerns forward.

OBJECTIVE OF THE SPECIAL ISSUE:

This special issue aims to facilitate debate and contributions on how the systems approach in its various forms and applications can help addressing issues of design, service use and implementation of computing infrastructures and facilities that emerge when environmental requirements are to be met. We intend to gather theoretical and practical contributions from academics practitioners, policy makers or planners who can provide systemic accounts of how technology can better conceived of or positioned in the wider societal and environmental spheres.

RECOMMENDED TOPICS:

Topics to be discussed in this special issue include (but are not limited to) the following:

- **Cloud computing, private or public clouds, mobile clouds**
- **Design of ‘green’ devices, computing platforms or computing infrastructures**
- **Evaluation of environmental impacts of information systems**
- **Information technology recycling**
- **Systemic methodology to plan and implement green IT policies or regulations**
- **Green supply chains supported by information technologies**

- **Conceptualisations of relationships between regulation, production and reuse of information technologies.**
- **Green IT Frameworks and Metrics**
- **Green IT Strategies (virtualization, consolidation, cloud computing, responsible disposal, 3Rs, among others)**
- **Green IT curriculum**

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme issue **"IT goes green: Systemic approaches to IT policy making, design, evaluation and management"** on or before **September 15, 2011**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE JOURNAL'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at http://www.igi-global.com/development/author_info/guidelines%20submission.pdf. All submitted papers will be reviewed on a double-blind, peer review basis. Papers must follow APA style for reference citations. All submissions must be sent electronically to guest editors at [J.R.Cordoba-Pachon@rhul.ac.uk and jorge.marx.gomez@uni-oldenburg.de] with copy to [ijitsa@gmail.com] on or before **September 15, 2011**.

ABOUT **International Journal of Information Technologies and the Systems Approach (IJITSA)**: *The Journal of Information Technologies and Systems Approach (IJITSA) is an academic and practitioner journal created to disseminate and discuss high quality research results on Information Systems and related upper and lower level Systems as well as on its interactions with Software Engineering, Systems Engineering, Complex Systems and Philosophy issues, through rigorous Theoretical, Modeling, Engineering or Behavioral studies in order to explore, describe, explain, predict, design, control, evaluate, interpret, intervene and/or develop organizational systems where Information Systems are the main objects of study and the Systems Approach –any variant- is the main research methodology and philosophical stance used. This journal is an official publication of the Information Resources Management Association (<http://www.igi-global.com/ijitsa>), and it is semi annually published (both in print and electronic form).*

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All submissions should be directed to the attention of:

Lead guest editors:

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