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## Call for Papers

Special Issue on: "*ICT-based strategies for environmental conflicts* "

## Guest Editors:

Stefano Moretti, CNRS - Paris Dauphine University and  
Fioravante Patrone, University of Genoa.

Due to the strong relationship between matter, nature, and society, Information and Communication Technologies (ICTs) can be critical to formulate new environmental policies that may affect human communities, both at local and at international levels. For instance, technological advances require systems that can optimize use of informatics and telecommunications infrastructures to address environmental management needs. Or, they may demand the implementation of algorithms reducing the energy consumption of computing and of communication infrastructures. However, most of these ICT applications involve multiple stakeholders, which interact using complex protocols that make it difficult to implement coordinated strategies aimed to improve resource management, networking, and information exchange.

This special issue is based on, but not limited to, contributions from the area of strategic behaviour analysis dealing with multi-agents decision problems arising from the exploitation of environmental resources, and where ICTs are crucial for the selection or the implementation of environmental policies.

## Subject Coverage

Particular emphasis will be given to contributions focused on ICT applications aimed to address one or more of the following tasks:

- 1) providing a valuable contribution to sustainable environmental management by improving monitoring and response mechanisms aimed to coordinate environmental policies of different stakeholders;
- 2) enabling more efficient allocation of natural resources or providing incentives for reducing the consumption of energy, water and other essential natural resources through more efficient procedures;
- 3) designing ideal platform for communication and debate about environmental problems or to respond to environmental disasters, overcoming physical and social barriers and allowing the formation of special-interest social networks and virtual communities;
- 4) defining incentives to support the right of access to information related to the quality of the environment (such as supporting the concept of open source for wireless, mobile phone and web-based applications).

## Notes for Prospective Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere.

All papers are refereed through a single blinded peer review process. A guide for authors, sample copies and other relevant information for submitting papers are available on the [author instructions](#):

<http://www.sbejournal.com/journal.aspx?product=SBE&id=AuthorInstructions>

## Important Dates

Paper submission: 31 January, 2012

Acceptance notification: 30 April, 2012

## Guest Editors' contact

You may send one copy attached to an e-mail to the following address:

Stefano Moretti

CNRS-LAMSADE Université Paris-Dauphine

Place du Maréchal de Lattre de Tassigny

75775 Paris Cedex 16

email: [stefano.moretti@dauphine.fr](mailto:stefano.moretti@dauphine.fr)