

BISE – Call for Papers Issue 5/2013

Green IS – Information Systems for Environmental Sustainability

DOI 10.1007/s12599-011-0195-z

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Published online: 2012-01-18

This article is also available in German in print and via <http://www.wirtschaftsinformatik.de>: vom Brocke J, Loos P, Seidel S, Watson RT (2011) WI – Call for Papers, Heft 5/2013. Green IS – Informationssysteme für ökologische Nachhaltigkeit. WIRTSCHAFTSINFORMATIK. doi: [10.1007/s11576-011-0303-1](https://doi.org/10.1007/s11576-011-0303-1).

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1 Special Focus

While in the past information technology was mostly seen as a contributor to environmental degradation, recent studies suggest that information systems (IS) can indeed enable sustainable processes, products, and services. Specifically, information systems are expected to create an impact on individual beliefs about environmental sustainability, enable more sustainable work practices through virtualization and remote work, enable organizations to meet compliance imperatives

and social norms, or increase resource efficiency. In this context, notions such as energy informatics or green business process management have emerged. The IS discipline is thus challenged to explore the potential of information systems to contribute to the betterment of the natural environment by enabling more sustainable work practices at individual, organizational, and societal levels.

This special focus issue invites rigorous studies employing various research designs. The focus is on solution-oriented studies that show how the transformative power of IS can be leveraged in order to lessen our impact on the natural environment, which is under imminent pressure. Prospective studies thus range from the development and testing of new theory that explains how IS can support environmentally friendly behavior to design-oriented studies on the development of solutions for environmental sustainability. At this, we see one specific challenge in understanding how sustainability-related IS phenomena are different to “conventional” areas of investigation, typically focusing on mere economic imperatives including time, cost, and quality.

Contributions from research and business practice on the following (and related) topics are invited:

- Information systems designs for sustainable work practices
- IT-enabled sustainability transformation
- The application of IS theories to sustainability-related phenomena
- Research methods for the investigation of sustainability-related phenomena
- Information systems and beliefs about environmental sustainability
- Supply chain management and sustainability
- Business intelligence and performance management for sustainability
- Systems approaches towards IT-enabled environmental sustainability
- Sustainability solutions
- Energy informatics
- Green business process management

2 Submission

Please submit papers for the sections BISE – Research Paper and BISE – State of the Art by 2012-11-01 at the latest via the journal’s online submission system (<http://www.editorialmanager.com/buis/>). Please observe the instructions regarding the format and size of contributions to Business & Information Systems Engineering (BISE)/WIRTSCHAFTSINFORMATIK. Papers should not exceed 50,000 characters including spaces, minus 5,000 characters per page for illustrations. Detailed authors’ guidelines can be downloaded from <http://www.bise-journal.org>.

All papers will be reviewed anonymously (double-blind process) by several referees with regard to relevance, originality, and research quality. In addition to the editors of the journal, including those of this special focus issue, distinguished national and international professionals with scientific and practical backgrounds will be involved in the review process.

Complementary articles covering topics of this special focus issue are also more than welcome.

Accepted papers will appear identically in English and German. The English-language version will appear in Business & Information Systems Engineering (BISE), the German-language version will appear in WIRTSCHAFTSINFORMATIK.

3 Schedule

Submission deadline: 2012-11-01
Author notification: 2012-12-27
Completion of first revision: 2013-02-28
Author notification: 2013-04-18
Completion of a second revision (if needed, monolingual): 2013-05-23
Completion of a second revision (if needed, bilingual): 2013-06-20
Planned publication date of Issue 5/2013: October 2013

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