

Call for Papers: Issue 3/2018

Smart Cities and Digitized Urban Management

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1 Special Issue

The *Smart City* concept stands at the confluence of several global technological, socioeconomic, and environmental megatrends. On the technological front, Big Data, analytics, block chain, and the Internet of Things enable an ever more interconnected network of people, services, and infrastructures. On the socioeconomic front, urbanization drives people to the cities in search for a better life, demographic developments alter the very structures of society, and a new wave of migration uproots people and recombines social and cultural backgrounds of populations around the globe. Finally, from an environmental perspective, climate change and pollution make entire stretches of land uninhabitable, endanger coastal areas on every continent, and are a widespread cause of unrest and strife.

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Cities are where these trends meet, being the cause of and solution to many of the associated challenges. Cities are responsible for most of the emissions heating the planet, but they are also the places where people turn to and move to, where even small adjustments can have tremendous impact. This is particularly relevant for some individual cities (e.g., in Asia) that show a tendency to grow together towards enormous metro-regions with unprecedented sustainability challenges. Simultaneously, the interaction and integration of smart cities with their outskirts as well as more rural “satellites” becomes a pressing issue.

Using information systems to improve all of the facets of urban life is the core of the Smart City paradigm. Therefore, this special issue seeks high-quality theoretical, empirical, and design-oriented contributions that outline and demonstrate how IS research can affect and improve urban socio-technical systems and address the issues outlined previously. As the topic is inherently transdisciplinary, we are particularly looking for manuscripts that seek to have an impact within and outside the IS discipline.

All defining aspects of “smart cities” such as transport, energy, waste, buildings, living, government, economy, and people are of interest. Relevant topic areas include, but are not limited to:

- Information systems for intergenerational collaboration in urban quarters.
- Sharing economy and resource efficiency.
- Energy informatics and urban smart grids.
- Emergency response and climate change action.
- Information technology for coastal management and protection.
- E-government initiatives for local inclusion in smart city quarters.

- Urban, inter-urban, and urban-rural intermodal mobility and smart transportation.
- IS-induced business model innovation for smart cities.
- IS-enabled citizen acceptance and user-participation/community-sourcing in smart city concepts.
- Migration and cultural inclusion.
- Open data and local governments.

2 Submission

Authors are asked to submit their papers online by 01 July 2017 via the journal's submission system Editorial Manager (<http://www.editorialmanager.com/buis/>). All papers must follow the typing and formatting instructions for Business & Information Systems Engineering (BISE) available at <http://www.bise-journal.org>. Submissions are accepted in English only. In particular, manuscripts should

not exceed 50,000 characters (discounting 5000 characters for each figure/table).

Submitted papers will undergo a double-blind review process and be refereed by at least three domain experts according to quality, originality, relevance, and scientific rigor.

3 Schedule

Paper submission due:	01 July 2017
Notification of authors:	26 August 2017
Revisions due:	28 October 2017
Notification of authors:	16 December 2017
Completion of a second revision (if needed):	20 January 2018
Editorial deadline:	15 February 2018
Anticipated publication date:	June 2018