

Contents

Smart Governance, Government and Cities

Designing Information Marketplaces for Disaster Management	3
<i>Ralf Klischewski and Yomn Elmistikawy</i>	
A Unified Definition of a Smart City.	13
<i>Arkalgud Ramaprasad, Aurora Sánchez-Ortiz, and Thant Syn</i>	
Towards a Capabilities Approach to Smart City Management	25
<i>Anushri Gupta, Panos Panagiotopoulos, and Frances Bowen</i>	
Towards “Smart Governance” Through a Multidisciplinary Approach to E-government Integration, Interoperability and Information Sharing: A Case of the LMIP Project in South Africa	36
<i>More Ickson Manda</i>	

Service Delivery

New Channels, New Possibilities: A Typology and Classification of Social Robots and Their Role in Multi-channel Public Service Delivery	47
<i>Willem Pieterse, Wolfgang Ebbers, and Christian Østergaard Madsen</i>	
External User Inclusion in Public e-Service Development: Exploring the Current Practice in Sweden	60
<i>Jesper Holgersson, Karin Axelsson, and Ulf Melin</i>	
Georgia on My Mind: A Study of the Role of Governance and Cooperation in Online Service Delivery in the Caucasus	71
<i>Morten Meyerhoff Nielsen and Nato Goderdzishvili</i>	
Time to Refuel the Conceptual Discussion on Public e-Services – Revisiting How e-Services Are Manifested in Practice	92
<i>Ida Lindgren and Ulf Melin</i>	

Organizational Aspects

e-Government and the Shadow Economy: Evidence from Across the Globe. . .	105
<i>Linda Veiga and Ibrahim Kholilul Rohman</i>	
Networks of Universities as a Tool for GCIO Education	117
<i>Luís S. Barbosa and Luís Paulo Santos</i>	

From a Literature Review to a Conceptual Framework for Health Sector Websites' Assessment	128
<i>Demetrios Sarantis and Delfina Sá Soares</i>	
Organizational Learning to Leverage Benefits Realization Management; Evidence from a Municipal eHealth Effort	142
<i>Kirsti Askedal, Leif Skiftenes Flak, Hans Solli-Sæther, and Detmar W. Straub</i>	
Towards a Repository of e-Government Capabilities	154
<i>Soumaya I. Ben Dhaou</i>	
A Social Cyber Contract Theory Model for Understanding National Cyber Strategies.	166
<i>Raymond Bierens, Bram Klievink, and Jan van den Berg</i>	
The E-governance Development in Educational Sector of Republic of Moldova.	177
<i>Lucia Casap and John Sören Pettersson</i>	
A Review of the Norwegian Plain Language Policy	187
<i>Marius Rohde Johannessen, Lasse Berntzen, and Ansgar Ødegård</i>	
ICT and Financial Inclusion in the Brazilian Amazon	199
<i>Luiz Antonio Joia and Ricardo Paschoeto dos Santos</i>	

Infrastructures

Blockchain Technology as s Support Infrastructure in e-Government.	215
<i>Svein Ølnes and Arild Jansen</i>	
Comparing a Shipping Information Pipeline with a Thick Flow and a Thin Flow	228
<i>Sélinde van Engelenburg, Marijn Janssen, Bram Klievink, and Yao-Hua Tan</i>	
Coordinated Border Management Through Digital Trade Infrastructures and Trans-National Government Cooperation: The FloraHolland Case	240
<i>Boriana Rukanova, Roel Huiden, and Yao-Hua Tan</i>	

Big and Open Linked Data

An Evaluation Framework for Linked Open Statistical Data in Government.	255
<i>Ricardo Matheus and Marijn Janssen</i>	

A Framework for Data-Driven Public Service Co-production	264
<i>Maarja Toots, Keegan McBride, Tarmo Kalvet, Robert Krimmer, Efthimios Tambouris, Eleni Panopoulou, Evangelos Kalampokis, and Konstantinos Tarabanis</i>	
Big Data in the Public Sector. Linking Cities to Sensors	276
<i>Marianne Fraefel, Stephan Haller, and Adrian Gschwend</i>	
Tracking the Evolution of OGD Portals: A Maturity Model	287
<i>Charalampos Alexopoulos, Vasiliki Diamantopoulou, and Yannis Charalabidis</i>	

Open Government

Exploring on the Role of Open Government Data in Emergency Management	303
<i>Yumei Chen, Theresa A. Pardo, and Shanshan Chen</i>	
Proactive Transparency and Open Data: A Tentative Analysis	314
<i>Olivier Glassey</i>	
Trusting and Adopting E-Government Services in Developing Countries? Privacy Concerns and Practices in Rwanda.	324
<i>Chantal Mutimukwe, Ella Kolkowska, and Åke Grönlund</i>	
All Citizens are the Same, Aren't They? – Developing an E-government User Typology	336
<i>Bettina Distel and Jörg Becker</i>	

Evaluation

Value-Based Decision Making: Decision Theory Meets e-Government.	351
<i>Leif Sundberg and Katarina L. Gidlund</i>	
Information Artifact Evaluation with TEDSrate.	359
<i>Hans J. Scholl, William Menten-Weil, and Tim S. Carlson</i>	
Understanding Public Value Creation in the Delivery of Electronic Services . . .	378
<i>Luis F. Luna-Reyes, Rodrigo Sandoval-Almazan, Gabriel Puron-Cid, Sergio Picazo-Vela, Dolores E. Luna, and J. Ramon Gil-Garcia</i>	
Electronic “Pockets of Effectiveness”: E-governance and Institutional Change in St. Petersburg, Russia.	386
<i>Yury Kabanov and Andrei V. Chugunov</i>	

Outcome Evaluation of StartBiz: How a Governmental Online-Tool Can Quantitatively Assess Its Benefits for SME.	399
<i>Kristina Zumbusch, Philippe Zimmermann, and Emamdeen Fohim</i>	
Correlation Between ICT Investment and Technological Maturity in Public Agencies	411
<i>Mauricio Solar, Sergio Murua, Pedro Godoy, and Patricio Yañez</i>	
Author Index	421

Electronic Government

16th IFIP WG 8.5 International Conference, EGOV 2017,

St. Petersburg, Russia, September 4-7, 2017,

Proceedings

Janssen, M.; Axelsson, K.; Glassey, O.; Klievink, B.;

Krimmer, R.; Lindgren, I.; Parycek, P.; Scholl, H.J.;

Trutnev, D. (Eds.)

2017, XVI, 422 p. 60 illus., Softcover

ISBN: 978-3-319-64676-3