### Contents

#### E-Government Foundations

Making Sense of Indices and Impact Numbers: Establishing Leading EGOV Scholars’ “Signatures” .................................................. 3  
*Hans J. Scholl*

Cross-Context Linking Concepts Discovery in E-Government Literature ................................................................. 19  
*Bojan Cestnik and Alenka Kern*

*Evangelos Kalampokis, Efthimios Tambouris, Areti Karamanou, and Konstantinos Tarabanis*

#### Open Government

Open Data Innovation Capabilities: Towards a Framework of How to Innovate with Open Data .................................................. 47  
*Silja Eckartz, Tijs van den Broek, and Merel Ooms*

Open Data Research in the Nordic Region: Towards a Scandinavian Approach? ................................................................. 61  
*Iryna Susha, Paul Johannesson, and Gustaf Juell-Skielse*

Open Government Data Ecosystems: Linking Transparency for Innovation with Transparency for Participation and Accountability .......................... 74  
*Luigi Reggi and Sharon Dawes*

Open Government Policies: Untangling the Differences and Similarities Between the US and the EU Approach ........................................... 87  
*Rui Pedro Lourenço*

Towards Effective and Efficient Open Government in Parliaments with Situational Awareness-Based Information Services .............................. 99  
*Elena Sánchez-Nielsen and Francisco Chávez-Gutiérrez*

#### E-government Services and Governance

Coordinating Decision-Making in Data Management Activities: A Systematic Review of Data Governance Principles ..................................... 115  
*Paul Brous, Marijn Janssen, and Riikka Vilminko-Heikkinen*
Determinants of Clarity of Roles and Responsibilities in Interagency Information Integration and Sharing (IIS) ....................................................... 126
Djoko Sigit Sayogo, J. Ramon Gil-Garcia, and Felippe Cronemberger

Requirements for an Architecture Framework for Pan-European E-Government Services ................................................................. 135
Ansgar Mondorf and Maria A. Wimmer

Integrating Digital Migrants: Solutions for Cross-Border Identification from E-Residency to eIDAS. A Case Study from Estonia. ................. 151
Gerli Aavik and Robert Krimmer

IS Acquisition Characteristics in the Public Sector .................................................. 164
Paula Mäki-Lohiluoma, Pasi Hellsten, and Samuli Pekkola

E-Government Challenges: Methods Supporting Qualitative and Quantitative Analysis ................................................................. 176
Catherine G. Mkude and Maria A. Wimmer

Techno-Government Networks: Actor-Network Theory in Electronic Government Research ................................................................. 188
Marcelo Fornazin and Luiz Antonio Joia

Smart Innovations

An Analytic Framework for Open Government Policy Design Processes ........ 203
Alex Ingrams

In Search of ICT in Smart Cities – Policy Documents as Idea Carriers in Urban Development .................................................. 215
Karin Axelsson, Ulf Melin, and Malin Granath

Towards a “Smart Society” Through a Connected and Smart Citizenry in South Africa: A Review of the National Broadband Strategy and Policy ...... 228
More Ickson Manda and Judy Backhouse

Social Smart City: Introducing Digital and Social Strategies for Participatory Governance in Smart Cities .................................. 241
Robin Effing and Bert P. Groot

Beyond Bitcoin Enabling Smart Government Using Blockchain Technology ................................................................. 253
Svein Ølnes

Making Computers Understand Coalition and Opposition in Parliamentary Democracy .................................................. 265
Matthias Steinbauer, Markus Hiesmair, and Gabriele Anderst-Kotsis
Digital Networks in Public Administration: The Case of #Localgov

Panos Panagiotopoulos and Dennis De Widt

Construction of Enterprise Architecture in Discourses Within the Public Sector

Juha Lemmetti

Towards Trusted Trade-Lanes

Joris Hulstijn, Wout Hofman, Gerwin Zomer, and Yao-Hua Tan

Author Index
Electronic Government
15th IFIP WG 8.5 International Conference, EGov 2016,
Guimarães, Portugal, September 5-8, 2016,
Proceedings
Scholl, H.J.; Glassey, O.; Janssen, M.; Klievink, B.;
Lindgren, I.; Parycek, P.; Tambouris, E.; Wimmer, M.;
Janowski, T.; Sá Soares, D. (Eds.)
2016, XV, 313 p. 32 illus., Softcover
ISBN: 978-3-319-44420-8