Introduction to the Minitrack
"IT Governance and its Mechanisms"
HICSS 2013

Wim Van Grembergen
University of Antwerp, Belgium
E-mail: wim.vangrembergen@ua.ac.be

IT governance or enterprise governance of IT is an integral part of corporate governance and addresses the definition and implementation of processes, structures and relational mechanisms in the organization that enable both business and IT people to execute their responsibilities in support of business/IT alignment and the creation of business value from IT-enabled business investments. The Minitrack is introduced in 2002. The goal is to enhance publications on the issue of IT governance and its mechanisms.

1. *"Barriers to formal ITG practice – Insights from a qualitative study",* by Mohd Fairuz Iskandar Othman, Taizan Chan, Ernest Foo, Queensland University of Technology (Australia). The purpose of this study is to elicit factors that act as barriers to the adoption of formal ITG practice. The results of the study support the currently dispersed literature on barriers to ITG practice.

2. *"IT governance in multi-business organizations: performance impacts and levers from processes, structures, and relational mechanisms",* by Florian Hamel, Alexander Neff, Thomas Herz, Falk Uebernickel, Walter Brenner, University of St. Gallen (Switzerland). The aim of this paper is to analyze the performance impact of IT governance. The results suggest that IT governance is positively related to business process performance through the mediators of IT relatedness and business process performance.

3. *"Information governance in the banking industry",* by Fernando Faria, Antonio Maçada, Kuldeep Kumar, Universidade Federal do Rio Grande do Sul & University of Hong Kong (Brazil and China). This research focuses on IT governance practices within highly developed financial systems. The study proposes and validates an information governance framework.

4. *"The influence of organizational culture on IT governance: perception of IT managers from Latin American companies",* by Luis Antonio Janssen, Edimara Mezzomo Luciano, Mauricio Gregianin Testa, Pontifical Catholic University of Rio Grande do Sul (Brazil). This empirical-exploratory study attempts to identify the perceptions of IT executives of Latin American companies on the influence of factors of the organizational culture on IT governance.

5. *"Information technology governance practices adoption through an institutional perspective: the perception of Brazilian and American CIOs",* by Gabriela Viale Pereira, Edimara Mezzomo Luciano, Marie Anne Macadar, Vanessa Daniel, Pontifical Catholic University of Rio Grande do Sul (Brazil). This paper presents a comparison of the perceptions of Brazilian and American CIOs on the influence of institutional factors in the adoption of IT governance practices. -

6. *"A method for diagnosing information technology governance processes",* by Fabiana Freitas Mendes, University of Brasilia (Brazil). The purpose of this paper is to investigate the impact of organizational culture on achieving BITA. The research was carried out through an in-depth literature survey followed by an empirical study of Swedish multinational organizations.

7. *"The relationship between the process of strategic information systems planning and its success. An explorative study",* by Gilbert Silvius, Jeroen Stoop, HU University of Applied Sciences Utrecht & Novius Consulting (The Netherlands). The paper reports a study into the relationship between the configuration of the process of strategic information systems planning (SISP) and the success of SISP. The results suggest that the specificity and comprehensiveness of strategies, goals and decisions in an organization has a positive effect on the success of SISP.

8. *"Social factors in policy compliance. Evidence found in literature to assist the development of policies in information security managment",* by Danijel Milicevic, Matthias Goeken, Frankfurt School of Finance & Management (Germany). This paper presents a selection of empirical studies that hold evidence for the research stream of information security policy compliance and identifies candidates for a consolidated knowledge base for this topic.

9. *"Assimilation of compliance software in highly regulated industries: an empirical multitheoretical investigation",* by Petra Asprion and Gerhard Knolmayer, University of Bern (Switzerland). In this paper a theory-based approach examines the assimilation of compliance software in highly regulated multinational enterprises. A framework for analyzing the assimilation of compliance is developed.

10. *"When IT risk management produces more harm than good: the phenomenon of mock bureaucracy",* by Manuel Wiesche, Michael Schermann, Helmut Krcmar, Technische Universität München (Germany). This paper investigates the complications of designing effective governance for risk management. Specifically, the relationship between coercive or enabling governance strategies and the issue of mock bureaucracy in IT risk management is examined.

11. *"IT application outsourcing in Europe. Long-term outcomes, success factors and implications for IT outsourcing maturity",* by Karin Kronawitter, University of Plymouth (United Kingdom). This case study research of eight IT application outsourcing cases in five European banks clarifies that in the long run applications can be successfully operated externally by IT vendors.

12. *"Cloudrise: exploring cloud computing adoption and governance",* by Hauke Heier, Bouchaib Bahli, Hans Borgman, Fiona Schewski, Accenture & ESC Rennes (Germany & France). This paper builds on a Technology-Organization-Environment framework to investigate the factors influencing cloud computing adoption. The results indicate the technology and organization context affect implementation decisions.

IEEE
computer
society