Comparative E-Government

Comparative E-Government examines the impact of information and communication technology (ICT) on governments throughout the world. It focuses on the adoption of e-government both by comparing different countries, and by focusing on individual countries and the success and challenges that they have faced. With 32 chapters from leading e-government scholars and practitioners from around the world, there is representation of developing and developed countries and their different stages of e-government adoption. Part I compares the adoption of e-government in two or more countries. The purpose of these chapters is to discern the development of e-government by comparing different counties and their individual experiences. Part II provides a more in-depth focus on case studies of e-government adoption in select countries. Part III, the last part of the book, examines emerging innovations and technologies in the adoption of e-government in different countries. Some of the emerging technologies are the new social media movement, e-participation, interoperability, and geographic information systems (GIS).

Features
- The first book to present e-government studies from developed and developing countries worldwide
- Brings the field completely up to date
- Presents studies conducted by leading scholars from each region of the world

Fields of interest
Information Systems and Communication Service; Information Systems; Social Policy

Target groups
Professional/practitioner

Type of publication
Monograph

Thriving Systems Theory and Metaphor-Driven Modeling

How is it that one system is more effective, appealing, satisfying and/or more beautiful than another to its stakeholder community? This question drove Christopher Alexander’s fifty-year quest to explain great physical architecture and give birth to pattern-languages for building that underpin much of modern systems engineering. How is it that so many individual stakeholders consistently recognize the same quality, the same beauty in a system? This question led George Lakoff to research the role of conceptual metaphor in human understanding. What is essential to stakeholders’ satisfaction with systems? Fred Brooks addressed this question in No Silver Bullet: Essence and Accidents of Software Engineering. This monograph fuses these diverse streams of thought in proposing Thriving Systems Theory by translating Alexander’s properties of physical design quality into the abstract domain of information systems and modeling.

Features
- Integrates theories from three disciplines: physical architecture, cognitive linguistics and systems/software engineering
- Presents a unifying foundation explaining the interrelationships between systems and software engineering
- The 15 choice properties translated from Alexander’s center properties together represent the most comprehensive set of systems engineering

Fields of interest
Software Engineering/Programming and Operating Systems; Software Engineering

Target groups
Professional/practitioner

Type of publication
Monograph