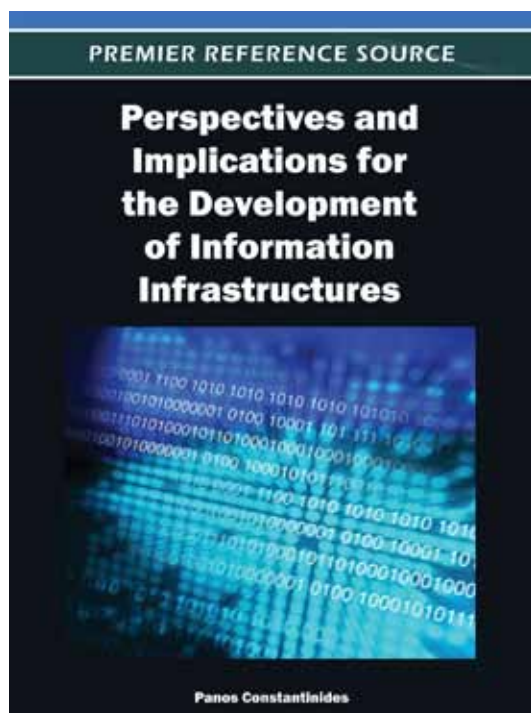


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Perspectives and Implications for the Development of Information Infrastructures



Panos Constantinides
(Frederick University, Cyprus)

In the same way that infrastructures such as transportation, electricity, sewage, and water supply are widely assumed to be integrators of urban spaces, information infrastructures are assumed to be integrators of information spaces. With the advent of Web 2.0 and new types of information infrastructures such as online social networks and smart mobile platforms, a more in-depth understanding of the various rights to access, use, develop, and modify information infrastructure resources is necessary.

Perspectives and Implications for the Development of Information Infrastructures aims at addressing this need by offering a fresh new perspective on information infrastructure development. It achieves this by drawing on and adapting theory that was initially developed to study natural resource commons arrangements such as inshore fisheries, forests, irrigation systems, and pastures, while placing great emphasis on the complex problems and social dilemmas that often arise in the negotiations.

Topics Covered:

- Challenges in information infrastructures
- Commons perspective
- Development of information infrastructures
- Integrated, standardized cities
- IT governance
- IT research and theory
- Knowledge management
- Longitudinal research
- The infrastructure ideal
- Urban planning

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Panos Constantinides is Assistant Professor of Management Information Systems at Frederick University's Business School. Before joining Frederick University, Panos held positions at Lancaster University's Management School and the Judge Business School at the University of Cambridge, where he also earned his Ph.D. Panos has previously worked on research projects on the development and implementation of healthcare-related IT, in association with IBM (UK), BT Health (UK), Synbiotix (UK & Cyprus), and the Institute of Computer Science at the Foundation for Research and Technology Hellas (Greece). He is interested in the negotiation of collective action problems around the development of information infrastructures such as public and corporate IT networks, as well as Web 2.0 technologies. He is also interested in professional and research ethics.

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