Knowledge-Based Development for Cities and Societies: Integrated Multi-Level Approaches

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Over the past twenty years, the conventional knowledge management approach has evolved into a strategic management approach that has found applications and opportunities outside of business, in society at large, through education, urban development, governance, and healthcare, among others.

Knowledge-Based Development for Cities and Societies: Integrated Multi-Level Approaches enlightens the concepts and challenges of knowledge management for both urban environments and entire regions, enhancing the expertise and knowledge of scholars, researchers, practitioners, managers and urban developers in the development of successful knowledge-based development policies, creation of knowledge cities and prosperous knowledge societies. This reference creates large knowledge base for scholars, managers and urban developers and increases the awareness of the role of knowledge cities and knowledge societies in the knowledge era, as well as of the challenges and opportunities for future research.

Subject:
Knowledge Based Development; Knowledge Cities/Knowledge Regions; Urban Planning/Knowledge Based Urban Development; Knowledge Economy/Knowledge Based Value Creation; Human Capital; Knowledge Management/Knowledge Systems, Information Society/Digital Divide

Market:
This essential publication will be invaluable to academic and research libraries as well as those interested in real applications for knowledge based development to cities and regions. Students, researchers, and educators in the fields of urban planning, regional development, knowledge societies and knowledge economy will find this resource provides cutting-edge research on trends, techniques, and practical applications for the utilization of knowledge based development in a variety of projects. A variety of practitioners involved in developing industry-specific systems and software will also benefit.

Excellent addition to your library! Recommend to your acquisitions librarian.

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**About the Editors:**  
Kostas Metaxiotis is an assistant professor at the University of Piraeus and has served as Senior Advisor to the Secretary for the Information Society in the Greek Ministry of Economy and Finance since 2004. He has wide experience in knowledge management, artificial intelligence, object-oriented knowledge modelling, inference mechanisms, e-health, e-business. Dr. Metaxiotis has published more than 70 scientific papers in various journals and conferences, such as Journal of Knowledge Management, Journal of Information and Knowledge Management, Knowledge Management & Practice, Journal of Intelligent Manufacturing, Applied Artificial Intelligence, Industrial Management & Data Systems, Journal of Computer Information Systems. Currently, he is a member of several editorial boards and reviews in many leading journals in the field. He is also a member of the Program Committee at international conferences. Since 1996 he has been participating in various European Commission (EC)-funded projects within Tacis, Phare, MEDA and IST Programmes as Senior ICT Consultant and Manager. Since 2007 he has been serving as External Evaluator of EC-funded ICT projects.

Francisco Javier Carrillo is an international consultant and Professor of Knowledge Management at Tecnologico de Monterrey, Mexico, he is regarded as a world leader in Knowledge Cities and Knowledge Based Development. He published in 2005 the book Knowledge Cities and is editor since 2002 of the annual Special Issue on Knowledge Based Development for the Journal of Knowledge Management and general co-editor of the upcoming International Journal of Knowledge Based Development. Founder in 1992 and Director of the Center for Knowledge Systems (www.sistemasdeconocimiento.org) where he has lead nearly a hundred contracted projects. President of the World Capital Institute (www.worldcapitalstnstitute.org) (organizer of the Most Admirable Knowledge City -MAKCI- Awards, and the Knowledge Cities Summit), founder and Honorary President of the Iberoamerican Community for Knowledge Systems (www.iberomericana.org). He holds a Ph.D. in Psychology of Science and Technology (King’s Coll., London), an M.Sc. in Logic and Scientific Method (LSE) and an M.Sc, in Experimental Analysis of Behavior (UNAM).

Tan Yigitcanlar has a multi-disciplinary background and almost two decades of work experience in private consulting, government, and academia. Currently a researcher at the School of Urban Development, Queensland University of Technology (Brisbane, Australia) the main focus of his research is promoting knowledge-based urban development and sustainable transportation. He has been responsible for a wide variety of teaching, training, and capacity building programmes on varied topics in urban planning, environmental science, policy analysis, and information and communication technologies in Turkish, Japanese, and Australian universities. Professor Yigitcanlar is co-editor of Knowledge-based Urban Development: planning and applications in the information era (2008) and Creative urban regions: harnessing urban technologies to support knowledge city initiatives (2008).