About the Contributors

**Melih Bulu** has worked at various sections of the private sector as both a professional and an entrepreneur. While doing these, he has also worked on competitiveness related projects for cities during the last decade as an Academician and a Consultant. He has visited various cities to examine their competitiveness, in terms of their infrastructures and for consultancy purposes. Since 2004, Dr. Bulu has been the General Coordinator of International Competitiveness Research Institute (URAK), an NGO working on economic competitiveness of cities and countries. He is leading various competitiveness related projects on cities in URAK. He especially likes working on the improvement of cities in order to make them competitive. Dr. Bulu teaches strategy related courses at Istanbul Sehir University. His main interest areas are city competitiveness, regional development, game theory, cluster theory, and organization theory. He has various publications in academic and popular media.

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**Lara Brunello**, an Architect and Researcher, was born in Vicenza (Italy) in 1973. During her school years, she has moved several times from the north to the south and from Eastern to Western Italy, not to exclude a few years abroad, such as in Wisconsin (USA). She received her degree in Architecture in Venice (Italy), where she had lived for 15 years before moving to Brisbane (Australia) to complete a PhD course of studies in transport research at the Queensland University of Technology. Now settled in Pordenone (Italy), her interests range from architecture to infrastructure and planning, with vivid attention to accessibility issues linked to the transportation and land use system.

**Ahmet Bulut** received the Bachelor of Engineering degree from Bilkent University, Ankara, Turkey, and the PhD degree from the University of California, Santa Barbara. He worked as a Senior Research Scientist on the GotoMeeting product line platform improvements at Citrix Systems, and as a Senior Researcher at Like.com on A/B framework development and research. His current research interests include platforms enabling infrastructure as a service, online business optimization using A/B testing frameworks, applications of wireless sensor networks, and informed policy making in smart cities using an Information and Communication Technologies. He is a member of the IEEE.

**Jonathan Bunker** is a Senior Lecturer in Civil Engineering with the School of Urban Development at Queensland University of Technology (QUT) and researches in traffic engineering, transport planning, airports, highway engineering and infrastructure asset management, and sustainable development practices. Jonathan has a Bachelor of Engineering (Civil) with Honours 1 and a Doctor of Philosophy
(QUT). Prior to joining faculty at QUT he practiced as a Consulting Transport Engineer in Australia and the United States of America. Jonathan is presently the National President of the Australian Institute of Traffic Planning and Management, a Fellow of AITPM, and a Member of the Institution of Engineers Australia.

Ayça Cangel completed her undergraduate education at University of Bahçeşehir, obtaining Bachelor Degrees in Industrial Engineering and Computer Engineering. Since 2004, she has participated in several projects on competitiveness at micro, meso and macro level. She currently holds the position of Projects Coordinator of International Competitiveness Research Institute (URAK), a Non-Governmental organization aiming to foster competitiveness of cities and countries. Since 2006, Ayça Cangel has also worked on “City Competitiveness Index of Turkey”, a yearly publication of URAK that evaluates the competitiveness levels of Turkey’s cities. She has several publications both in academic and non-academic media. She is particularly interested in cluster theory, regional development, city competitiveness, and optimization.

Luís Carvalho is a Researcher at the European Institute for Comparative Urban Research, specialized in the fields of urban management, regional development, and economic geography. During the last few years, he has been looking at the dynamics between global knowledge networks and localized innovation. He currently participates in two large international comparative studies on the regional trajectories to the knowledge economy and development of new urban knowledge quarters. Luís is the Coordinator of the module “Managing the Urban Economy” in the MSc “Management of the European Metropolitan Region” at Erasmus University Rotterdam. He recently published a book on the role of “manufacturing in the new urban economy” and he has done comparative urban research in several European cities, Latin America, and East Asia.

Mark Deakin is a Professor in the School of Engineering and Built Environment, Edinburgh Napier University. Mark’s recent research has been inter-disciplinary, cutting across academic, scientific and technical boundaries within the built environment. Much of his research has explored the relationship between ICTs, information society, and the knowledge economy. This research has been project-based, focusing on the networked communities, social informatics and economic instruments of two scientific and technical developments: those known as IntelCities and SmartCities. Over the past five years, Mark has acted as Principle Investigator for the following projects funded under the European Commission’s IST programme: the IntelCity Roadmap, IntelCities, and SmartCities. He is currently Director of the SCRN (SmartCities (inter) Regional Academic Network) and works with his counterparts in the Universities of Amsterdam and Turin to exploit the knowledge-transfer potential of the scientific and technical applications developed by this organisation.

Fábio Duarte is an Urban Planner, and has coordinated the consultant team for the urban motility plan of Curitiba. Duarte has a PhD in Communications. A Professor at the Post-Graduation Program on Urban Management at the Pontifical Catholic University, Curitiba, Brazil, Duarte has been a Visiting Professor at the Polytechnic University of Cataluña, Barcelona, and received the Faculty Enrichment Award, from the Canadian government. Duarte has co-edited the book ICTs for mobile and ubiquitous urban infrastructures: Surveillance, locative media and global networks, IGI, 2010.
About the Contributors

Sandro Fabbro, Urban and Regional Planner, was awarded a PhD in territorial public policies at the University IUAV of Venice (Italy) in 1993. Professor of Urban and Regional Planning at the Faculty of Engineering of the University of Udine (Italy), he is an Author of more than 130 publications, several of them on international books and journals. Currently he is President of the National Commission for Infrastructural Policies of the INU, Italian National Town Planning Institute, and Advisor of the Italian Ministry of Infrastructure and Transport.

Renzo Ferrara, born in 1949, graduated in Architecture in Venice, Italy. Collaborating with Rete Ferroviaria Italiana until 2010, Renzo has worked for the upgrading of several lines in the Venetian railway compartment. In particular, he contributed to the layout of the strategic plan for the node of Mestre (Italy) and supervised the construction of the new high speed rail line between Mestre and Padua (Italy). Now working as Independent Consultant, Renzo participates in studies and projects regarding road and rail infrastructures, ports and bridges, as well as co-authoring journal articles and supervising students at the University IUAV of Venice.

Ori Gudes holds a MA in planning and GIS from Ben-Gurion University of the Negev, Israel. He has a diverse knowledge of GIS and over eight years of work experience in private consulting, government, and academia in Israel. He is currently a Research Fellow and GIS Specialist at Griffith University and a PhD candidate at the School of Urban Development, Queensland University of Technology Brisbane, Australia. The main foci of his research are developing Web-based decision support systems for urban planning and healthy communities’ promotion. These two broad research areas are clustered around several themes: Web-based decision support systems, urban development, public participation, and health planning. Mr. Gudes received an award in 2007 for his MA work from the Israeli Planning Association.

Diana Sarita Hamburger is currently Professor at Federal University of ABC. She teaches undergraduate courses in Science and Technology, Environmental Engineering, and Urban Engineering. She has a PhD in Engineering with emphasis in Spatial Information from the University of São Paulo (2001), a Masters in Remote Sensing at the National Institute for Space Research (1993), a Degree in Geography from the University of São Paulo (in 1986), and a Degree in Public Administration from Fundação Getulio Vargas - SP (in 1985). Dr. Hamburger has experience in Geography with emphasis in Remote Sensing and GIS (Geographical Information System). Her special interests areas are field-based projects in urban network, geographic Information Systems, and distance and spatial analysis.

Jung Hoon Han possesses extensive experience in all aspects of the urban planning process including initiating, designing, managing, completing, and publishing research in both the scholarly and consulting environments. Dr Han has designed and conducted many research projects from a wide range of both discipline-specific and multi-disciplinary perspectives, including the areas of housing market, property economics, urban planning and design, health and built environment, and spatially integrated social science research methods. Over the past 15 years, Dr Han developed a comprehensive knowledge of environmental and of contemporary urban planning issues including housing affordability (particularly for income support recipients and older people), urban consolidation (inner city renewal) vs. decentralisation (Greenfield development), social polarization, and sustainable development in the area of urban planning (in an Australian context). Some of Dr Han’s specific works focus on environmental
and planning issues, including planning for the improvements of appropriateness, and affordability of housing (mix in type and tenure) in an attempt to produce more equitable cities through the reduction of locational disadvantage. Dr Han currently sits on an editorial board as Member of the *International Journal of City, Culture and Society* published by Elsevier (ISSN: 1877-9166) and has been serving for a Guest Editor of the *International Journal of Knowledge-based Development* (ISSN: 2040-4476).

**Elizabeth Kendall** completed her PhD in 1997 on the topic of adjustment following traumatic injury, for which she won the Dean’s Commendation for Outstanding PhD Thesis in 1998 (UQ). In 1996, she was the first MAIC-funded Research Fellow, focusing on disability and rehabilitation. Later, she became an Associate Director of CONROD. In this role, she has designed and directed complex community-based evaluations and randomised controlled trials of major health reform projects over the last decade, including the Ambulatory Care demonstration projects, the national brain injury working party, the Queensland Self-Management Alliance, the Chronic Disease Place-based Initiative, the Logan-Beaudesert Health Coalition, the Qld Health Self-Management Working Party, the Coordinated Care Trials, the Sharing Healthcare Demonstration project, the Community Rehabilitation Workforce Reform Project, the Chronic Disease Smart State Working Party, the Spinal Injury Response Project on Integrated Services, and the Youngcare Alternative Service Model trial. She is currently managing the implementation and evaluation of the Multicultural Natural Helpers project in Logan. Elizabeth runs a collaborative research program with several significant partners in addition to MAIC, including Queensland Health, General Practice Queensland, Wesley Mission, and Qld Police. She manages a research team of 20 researchers, all focusing on the role of communities in well-being.

**Júlia Maria Lourenço**, Assistant Professor at the Department of Civil Engineering of the University of Minho, teaches MSc in Urban Engineering and MSc in Civil Engineering. She holds a PhD degree in Civil Engineering (IST/UTL, 1997). Relevant academic roles of Lourenço include Vice-Dean, and Dean of Civil Engineering Studies, making her responsible for the curricula of 1000 students. She is author of over 70 publications. She published a book on Management of Urban Growth that won the 2003 Gerd Albers Award from the International Society of City and Regional Planners. She has been involved in several international research projects at home and abroad in the last 10 years.

**Franco Migliorini**, an architect and town planner, was born in Udine (Italy) in 1945. Graduating in Venice (Italy) in 1970, Franco has 40 years of professional practice experience in the public sector as well as a private consultant. Active in EU transnational territorial cooperation projects, he has been researching and teaching at the University IUAV of Venice. Franco is Member of INU, Italian National Town Planning Institute; Member of ECTP, European Council of Spatial Planners; permanent Member in the organizing party of European T&C planning Biennials; and an Editor and Co-editor of books and essays on Italian and European planning practice, with interests in urban and regional planning, transport planning, and landscape.

**Erkan Özdemir** is currently an Assistant Professor at Uludag University in Bursa, Turkey. Dr Özdemir received his PhD from the Uludag University in 2005. His current research interests include e-marketing, online consumer behaviors, high-tech marketing, and marketing ethics. His previously published works include two chapters named Ethics in e-Marketing, and Gender and e-Marketing. These chapters were published by IGI Global. Dr. Özdemir has also published two books and many articles, nationally.
About the Contributors

**Virendra Pathak** has a PhD in Civil Engineering. He has 20 years of experience in academia and is currently associated with the Queensland University of Technology, Australia. He is involved in teaching spatial science related subjects and his research interests are in the area of applications of geospatial technologies for urban planning and development.

**Maria Nadia Postorino** got a Civil Engineering degree in Transportation at the Mediterranea University of Reggio Calabria with full marks. In 1995, she got her PhD in Transport Engineering at the University of Rome “La Sapienza”. From 1994 to 2002, she was an Assistant Professor in Transport Engineering, and since 2002, she has been a Professor in Transport Engineering at the Engineering Faculty of the “Mediterranea” University of Reggio Calabria, where she teaches Transport Systems Theory. Since 1991, she has been involved with many research projects, financed by both national and local public bodies and companies, and with various scientific committees. She has cooperated and still cooperates for many refereed activities, for both national and international reviews and scientific meetings. From March 2008, she has been a component of the “Conseil scientifique de l’école nationale des ponts et chaussées” in Paris, France. Her research interests are mainly focused on: air transport system models; transport demand estimation and SP techniques; performances and impacts on the transportation system; and public transport system analysis and simulation. She has published more than 70 papers in journals and books of national and international interest.

**Khan Rubayet Rahaman** is a Postdoctoral Researcher in the Department of Civil Engineering at University of Minho, Portugal. Dr. Khan graduated in Urban and Rural Planning from Khulna University, Bangladesh, in 1998. He has completed his MSc in Spatial Planning from the Royal Institute of Technology, Stockholm, in 2002, and his PhD in Urban Engineering from the University of Tokyo in 2006. He has been working as an Expert Team Member on advisory boards of international projects and as an International Consultant as an Urban Development Specialist.

**Jacqueline Bueno Sousa** is a seasoned Researcher and Editor who has been covering business and economic issues for more than 20 years. A former Writer with The Wall Street Journal, she also was Editor of the Business Monday section of the Miami Herald and Editor-in-Chief of the Daily Business Review. During her career, she has reported on issues ranging from real estate development trends to the economic impact of business regulations. Ms. Sousa is a Research Fellow at Florida International University’s Metropolitan Center, an urban think tank that focuses on South Florida’s growth needs. At FIU, she is completing graduate work in public administration. Ms. Sousa obtained a Bachelor’s of Science in Journalism from the University of Florida, where she graduated with honors.

**Gustavo Taniguchi** is a Transportation Engineer with a Master degree in Urban Management from the Pontifical Catholic University, Curitiba, Brazil. Taniguchi has been working with Information Technology, designing Intelligent Transport Systems (ITS) for urban environment, developing innovative projects, and providing solutions to cities’ traffic and planning problems. His projects include Metro and Bus Rapid Transit (BRT) systems in South America, in which he plays a key role by providing new approaches combining technology and planning tools. Since 2000, he has been specialized in fare collection systems based on smart cards, designing systems for Curitiba and other cities in Brazil and South America.
Rudj Maria Todaro was born in Venice on the 5th of March in 1969. He graduated with a degree in Electronics Engineering from Padua University. He is currently responsible for the Urban Maintenance System of Insula S.p.A., and he is in charge of Design, Direction and Coordination of the Geographic Information System connected with urban maintenance works in Venice. He has built a management system based on geographic objects in order to support the urban maintenance works. These activities also include an environmental monitoring system and an Information Technology system. He worked on the Enterprise Resource Planning (ERP) software applications. He worked as Product Manager on a Web-based application developed for industries related to foreign trade. Before that, he was in Coca-Cola Bevande, Italia, where he was responsible for the activities involving the management and maintenance of Information Systems in Nord-est.

Evren Tok is a collaborative PhD candidate at the School of Public Policy and Administration and Institute of Political Economy at Carleton University, Ottawa/Canada. He obtained his MA degree from the Institute of Political Economy at Carleton University. He is currently working as a Sessional Instructor in the Department of Political Science and Department of Social Work at Carleton University; teaching courses on International Development, Political Economy, Public Opinion, and Politics of Developing Countries. His recent publications include: “G-20 and the new rules of global governance” International Economic Issues, Ministry of Foreign Affairs, Turkey (November, 2010); “Rethinking G-20 as a new global actor: Paradoxes, problems and prospects” Center for Research on Globalization and Democratic Governance (GLODEM) Working Paper (October 2010); A la Turka Neoliberalism: Gecekondus as Turkey’s New State Spaces, Lambert Academic Publishing, Cologne (2009); “Anatolian cities and new spirit of Turkish capitalism” Turkish Policy Quarterly, 7(4).