Contributors

**Frederico Arenas** is Director of the Institute of Geography and Professor in the Faculty of History, Geography and Political Science at the Pontificia Universidad Católica de Chile. He was Director of the Department of Regional Policy in the Ministry of Planning in Chile and has worked as consultant and counsellor for public and private organizations. He conducts research in urban, regional and land use planning and issues related to territory and planning.

**Robert G.V. Baker** is an Associate Professor in Geography and Planning at the University of New England, Australia. He has been Chair of International Geographical Union’s Commission on Modeling Geographical Systems (2004–08) and a Core Partner in the ARC Spatially Integrated Social Science (ARCSISS) Network. An applied mathematical modeller, he has developed applications to investigate consumer trip behaviour, gambling, rural driving and Internet traffic.

**Dimitris Ballas** is a Senior Lecturer in the Department of Geography at the University of Sheffield, UK and Deputy Director of the University of Sheffield research Centre for Health and Well-being in Public Policy (CWiPP), UK. An economist and a geography PhD he conducts research in the use of geonformatics and Geographic Information Systems (GIS) in the social sciences, focusing on social and spatial inequalities, social justice, happiness and well-being.

**Mark Birkin** is Professor of Spatial Analysis and Policy at the School of Geography, University of Leeds, UK. He conducts research simulating social and demographic change within cities and regions, and in understanding the impact of these changes on the need for services such as housing, roads and hospitals. He is co-editor of the journal *Applied Spatial Analysis and Policy*, a member of the editorial board of *Transactions in GIS*, and is on the programme committee for both the European Social Simulation Association and the International Conference on e-Social Science.

**Andrew Bloodworth** is the Head of Science, Minerals and Waste at the British Geological Survey, Keyworth, UK. A graduate in geology from
Hull University, Andrew has been a mineralogist and mining advisor for the UK Department for International Development. He is a member of the council and Non-Executive Director of the Mineral Industry Research Organisation, a member of the UK Minerals Forum, and an observer for the Confederation of British Industry (CBI) Minerals Group.

**John R. Bryson** is Professor of Enterprise and Competitiveness in the Birmingham Business School, University of Birmingham, UK. His research is focused on understanding firm competitiveness and local economic development with a particular emphasis on the relationship between services and manufacturing.

**Will M. Burns** is Assistant Director of the Center for Regional Development at Bowling Green State University, Ohio, USA, an interdisciplinary research platform with expertise in regional economics and community development. He specializes in economic geography and applied research.

**Michael C. Carroll** is Director of the Center for Regional Development and Associate Professor of Economics at Bowling Green State University, Ohio, USA. He is the editor-in-chief of *Regional Science Policy and Practice* and is associate editor of *Economic Development Quarterly*. His research focuses on economic development policy and regional growth strategies.

**Ming-Houng Chan** is a medical doctor and Chief of Service of the Department of Medicine and Geriatrics at the Kwong Wah Hospital, Hong Kong. He is a serving member of the Wong Tai Sin/Sai Kung District Co-ordinating Committee on Elderly Services of the Social Welfare Department, Government of Hong Kong.

**Chengchao Zuo** recently completed his PhD at the Centre for Spatial Analysis and Policy (CSAP), School of Geography at the University of Leeds, UK, and he is currently a research fellow at the University of Leeds. His research interests include the application of GIS and spatial analysis and modelling in natural resource planning and socio-economic systems.

**Prem Chhetri** is a Professor of Logistics and Geographic Systems in the School of Business IT and Logistics at RMIT University, Australia, and has worked in local government. His research focuses on urban and spatial modelling, emergency logistics and service delivery response, and the application of GIS and Global Positioning System (GPS) technologies in retail logistics, infrastructure and transport planning.
Contributors

**Graham Clarke** is Professor of Business Geography at the School of Geography, University of Leeds, UK. He was Head of School, 1998–2001. He conducts research in retail geography, GIS and applied spatial modelling, including spatial micro-simulation, focusing on applications within urban and social geography. From 2003 to 2011 he was the Executive Director of the Regional Science Association International.

**Terry L. Clower** is Director of the Center for Economic Development and Research and an Associate Professor of Economics at the University of North Texas, USA. Prior to his academic career, he was employed by private industry in logistics and site location management positions. His research interests are in economic and community development, transportation, labour relations, and economic and fiscal impact analysis.

**Jonathan Corcoran** is a Senior Lecturer in Human Geography in the School of Geography, Planning and Environmental Management at the University of Queensland, Australia. His research interests are in the application of quantitative geographical methods for urban modelling allied with the development and application of analytical, visualization and prediction techniques. He works with government agencies to inform and evaluate operational and strategic planning through the development of geographic-based tools.

**Daoqin Tong** is an Assistant Professor at the School of Geography and Development, University of Arizona, USA, with a PhD in geography from Ohio State University, USA. Her research interests are in spatial optimization, location analysis, GIS and transportation.

**Diogo de Abreu** is a Professor in the Geography Department and the Director of the Centre for Geographical Studies in the Institute of Geography and Spatial Planning at the University of Lisbon, Portugal. He is a former President of the Portuguese Speleological Federation. He conducts research in demographic modelling, population forecasting, economic geography, transportation, and urban and regional development.

**Alina Esteves** is an Auxiliar Professor in the Geography Department and a researcher of the Research Unit MIGRARE – Migration, Spaces and Societies – at the Centre for Geographical Studies of the Institute of Geography and Spatial Planning, University of Lisbon, Portugal. She conducts research in migration studies and social geography.

**Maria Lucinda Fonseca** is a Professor in the Geography Department and scientific coordinator of the Research Unit MIGRARE – Migration, Spaces and Societies – at the Centre for Geographical Studies of the Institute of Geography and Spatial Planning, University of Lisbon, Portugal. She is
a member of the International Geographical Union’s Applied Geography Commission and conducts research in migration studies, social and economic geography and urban and regional development policies.

**David Giband** is co-director of the UMR Art-Dev (Acteurs, ressources et territoires dans le développement) at the universities of Perpignan, Montpellier 1 and 3 and CIrAd in France. He is Head of the Department of Geography and Land Planning at the University of Perpignan. An urban and social geographer, he conducts research on urban spaces, urban planning and policies in French and Spanish cities.

**Tony H. Grubesic** is Director of the Geographic Information Systems and Spatial Analysis Laboratory (GISSA) and an Associate Professor in the College of Information Science and Technology at Drexel University in Philadelphia, USA. His research interests are in GIScience, transportation, public health disparities and telecommunications policy.

**Haifeng Qian** is Assistant Professor of Economic Development in the Maxine Goodman Levin College of Urban Affairs, Cleveland State University, USA. His research focuses on entrepreneurship and small business development.

**Kingsley E. Haynes** is founding Dean of the School of Public Policy at George Mason University, USA. He is a Fellow of the National Academy of Public Administration, a Fellow and past President of Regional Science Association International, and serves as Executive Secretary of the Applied Geography Commission, International Geographical Union (2008–12). A geographer, he conducts research in regional economic development and the role of public sector investment in critical infrastructure.

**Angela Higginson** is a Research Fellow in the Centre of Excellence in Policing and Security in the Institute for Social Science Research at the University of Queensland, Australia. Previously she was the Principal Advisor, Research and Statistical Analysis with the Queensland Fire and Rescue Service. A research methodologist with a substantive focus on criminology, her research interests include methods for spatial and multilevel analysis, meta-analysis, and policing and community processes for crime control.

**Stephen Hynes** is Head of the Socio-Economic Marine Research Unit at the National University of Ireland, Galway, Ireland. He previously worked as an environmental economist in the Rural Economy Research Centre, Teagasc, and as a Lecturer in Economics in the Department of Economics, NUI Galway. His research interest are in microeconomic
behaviour analysis related to marine, natural resource, environmental and rural development policy.

Haddad Ismail is a lecturer at the Department of Architecture in Carthage University and Director of Partnerships in the Ministry of Higher Education and Scientific Research, Tunisia. A specialist in science and technology management and urban education infrastructure, he conducts research on governance and the knowledge society, university infrastructure and sustainable development, and urban and spatial analysis. He is a consultant at the African Development Bank.

Poh-Chin Lau is a Senior Lecturer and Associate Professor in the Department of Geography and Honorary Deputy Director of the Geographical/Land Information System Research Centre at the University of Hong Kong. She has served as a technical consultant to various public and governmental agencies in the USA, in Thailand and for the World Health Organization. Her research is in GIS, environmental health, cartographic modelling and spatial analyses.

John Lombard is Associate Professor and Chair of the Department of Urban Studies and Public Administration and Director of the E.V. Williams Center for Real Estate and Economic Development at Old Dominion University, USA. He has worked in the private and public sectors in management consulting and economic development. His research interests include economic development policy, business location and spatial analysis.

Chien-Tat Low is a PhD candidate in the Department of Geography at the University of Hong Kong. His research interests are GIS and remote sensing applications in environmental health and urban microclimate.

Fiona McEvoy graduated from the University of Leicester, UK, and University College Dublin, Ireland. She is now Principal Economic Geologist at the British Geological Survey, Keyworth, UK.

Pablo Osses McIntyre is Professor and Manager of the consulting office of the Institute of Geography at the Pontificical Catholic University of Chile. He conducts research in economic geography focusing on tourism planning and development, water resources, energy and mining.

Burrell E. Montz is Professor and Chair of the Geography Department at East Carolina University, USA. She has more than 30 years of experience of research and teaching in the areas of natural hazards and water resources management.
Karyn Morrissey is a lecturer in human geography in the University of Liverpool, UK. An economist, she specializes in computational methods and regional analysis, conducting research in health and health service provision, natural resource evaluation, regional development, cluster development and spatial analysis.

Alan T. Murray is Professor, School of Geographical Sciences and Urban Planning, and a researcher in the GeoDa Center for GeoSpatial Analysis and Computation, at Arizona State University, USA. He works on location modelling and analysis, optimization, geographic information science, urban and regional planning and development, and transportation. He has applied quantitative methods in support of planning, management and decision-making for emergency services, school districting, economic development and public transport, among others.

Cathal O’Donoghue is Head of the Rural Economy and Development Program at Teagasc, the Irish Agriculture and Food Development Authority, Ireland. His research interests are in the use of micro-simulation models for a range of public policy areas. He is President of the International Micro-simulation Association.

David Rohde has worked as a research assistant and a postdoctoral research fellow at the University of Queensland, Australia, as an analyst for the energy consulting company McLennon Magasanik Associates, and as a post-doctoral research fellow at Telecom ParisTech. Currently he is a lecturer at the Universidade Federal do Rio de Janeiro, Brazil. His research includes applying machine learning methods combining information from large astronomical databases, using GIS to combine geographical datasets, and modelling gas and electricity prices.

Jüri Roosaare is an Associate Professor in Geoinformatics in the Department of Geography at the University of Tartu, Estonia. Since 1986 he has been involved in building different GIS activities in Estonia. He is a member of the Steering Committee of the IGU Commission on Geographical Information Systems. His research interests are in spatial data analysis (landscape metrics, upscaling and downscaling), watershed modelling, and didactics of geoinformatics.

Edgar Sepp is a PhD student and GIS specialist in the Department of Geography at the University of Tartu, Estonia. His MSc in GIS and cartography is from the University of Tartu (2007). His research interests include modelling changes in land use and landscape patterns, remote sensing of land cover, and using geomedia to support public participation in decision support systems.
Eliahu Stern is a Professor of Geography and Planning in the Department of Geography and Environmental Development at Ben-Gurion University of the Negev, Israel, and is Director of Enviroplan Ltd. He is Chairman of Forum UNESCO in Israel – University and Heritage, Past President of the Israel Planners Association and the Association of Geographers in Israel, and recipient of the 2012 Israel Planner Award. He conducts research in spatial choice processes, urban and regional planning, spatial development and heritage conservation.

Robert Stimson is Director of the Australian Urban Research Infrastructure Network (AURIN) and a Professor in the Faculty of Architecture, Building and Planning, the University of Melbourne, Australia. An analytical human geographer and regional scientist, he is a Fellow of the Academy of the Social Sciences in Australia, a Fellow and a past President of the Regional Science Association International (RSAI), and Chair of the International Geographical Union’s Applied Geography Commission, 2008–12. He conducts research in human spatial behaviour, regional development, urban and regional planning, and spatial analysis.

Roger R. Stough is a university Professor and Eminent Scholar and Vice President for Research and Economic Development, and President of George Mason Intellectual Properties, Inc., at George Mason University, USA. He is a Fellow and past President of the Regional Science Association International, a Fellow of the Western Regional Science Association, and President of the Technopolicy Network. His research interests include leadership and entrepreneurship in regional economic development, regional economic modelling, and transport analysis and planning.

Michael Taylor is Emeritus Professor of Human Geography in the School of Geography, Earth and Environmental Sciences, at the University of Birmingham, UK. His research focuses on the business enterprise and local development with the goal to understand better the constraints on local growth imposed by processes of global change.

Sidney C. Turner is a PhD candidate in the School of Public Policy, George Mason University, USA. His research focuses on urban primacy, corruption and the geography of rent-seeking.

Bernard L. Weinstein is Associate Director of the Maguire Energy Institute and an Adjunct Professor of Business Economics in the Cox School of Business at Southern Methodist University in Dallas, USA. From 1989 to 2009 he was Director of the Center for Economic Development
and Research at the University of North Texas, USA, where he is now a Professor Emeritus. His research focuses on economic development, energy security, public policy and taxation.

**Martin Wong** is a medical doctor in the Department of Medicine and Geriatrics at the Kwong Wah Hospital, Hong Kong. He is a specialist in both internal medicine and geriatrics. His research interests include fall-related impacts in the elderly.

**Wing-Cheung Wong** is Chief of Service of the Department of Orthopaedic and Traumatology at Kwong Wah Hospital, Hong Kong, an Honorary Clinical Associate Professor of the Department of Orthopaedics and Traumatology at the University of Hong Kong, an Honorary Clinical Associate Professor of the Department of Orthopaedics and Traumatology at the Chinese University of Hong Kong, and an Honorary Fellow of the Research Institute of Innovative Products and Technologies at the Hong Kong Polytechnic University.

**Stephen N. Wood** is a Senior Lecturer in Geography and Planning at the University of New England, Australia. He is on the editorial board of *Planning Theory*. His research interests are in planning theory, urban design, urban character, and theories of place and space.