

---

## Contributors

---

**Imran Azeezullah** is a Software Engineer in the e-Research Group in the School of Information Technology and Electrical Engineering (ITEE) at the University of Queensland in Brisbane, Australia. He works on the development of web-based geographic information systems (GIS) applications and collaborating access to data sources.

**Irfan Azeezullah** is a Senior Software Engineer in the eResearch Group in the School of Information Technology and Electrical Engineering (ITEE) at the University of Queensland in Brisbane, Australia. He works on statistical and visualization analysis tools for geographic information systems (GIS) data introspection.

**Andrew Beer** is a Professor of Geography and Director of the Centre for Housing, Urban and Regional Planning at the University of Adelaide, Australia. He is an Academician of the UK's Academy of Social Science and the current Chair of the Regional Studies Association. He has a long-standing interest in social science research into regional issues, housing and public policy.

**Martin Bell** is a Professor in Geography in the School of Geography, Planning and Environmental Management and the Director of the Queensland Centre for Population Research at the University of Queensland in Brisbane, Australia.

**Dominic Brown** is Head of Research for South East Asia, Australia and New Zealand for DTZ Limited, and is Adjunct Associate Professor in the School of Geography, Planning and Environmental Management at the University of Queensland in Brisbane, Australia.

**Chris Brunson** is Professor of Human Geography in the School of Geography and Planning at the University of Liverpool, UK. He conducts research in spatial statistics, spatial data visualization and geocomputation and their applications to investigate crime, health and housing. He is a Fellow of the Royal Geographical Society.

**Prem Chhetri** is a Professor of Geo-logistics in the School of Business IT and Logistics at the Royal Melbourne Institute of Technology (RMIT University) in Melbourne, Australia, where he is the Deputy Head of School for Industry Engagement. His research centres on urban and

spatial modelling, port cluster and governance, emergency logistics and policy response, and the application of geographic information systems (GIS) and Global Positioning System (GPS) technologies in survey analytics, tourism modelling and transport infrastructure planning.

**Jonathan Corcoran** is a Senior Lecturer in Human Geography at the School of Geography, Planning and Environmental Management at the University of Queensland in Brisbane, Australia. He conducts research on the development and application of spatial analytic methods to enhance understand of the complex dynamics of human spatial behaviour at a variety of geographic and temporal scales.

**Galina Daraganova** is a quantitative psychologist working at the Australian Institute of Family Studies and is a member of the Mel-Net Group and an Honorary Fellow at the University of Melbourne in Australia. Her research focuses on the analysis of longitudinal data and statistical models for network-based social processes in epidemiology and labour market research.

**Debbie Faulkner** is a Senior Research Fellow in the Centre for Housing, Urban and Regional Planning at the University of Adelaide in Australia. She specializes in research on housing and ageing, and is currently working on research related to older Australians and social isolation, as well as an examination of the impact of Consumer Directed Care in the provision of services to older persons.

**Michael F. Goodchild** is Professor Emeritus of Geography at the University of California, Santa Barbara (UCSB), USA. Until 2012 he held the Jack and Laura Dangermond Chair of Geography and was Director of UCSB's Center for Spatial Studies. He received his BA degree from Cambridge University, UK in Physics in 1965 and his PhD in Geography from McMaster University, Canada in 1969. He is a member of the US National Academy of Sciences, a Foreign Member of the Royal Society, and a Corresponding Fellow of the British Academy (2010). In 2007 he received the Prix Vautrin Lud. He has published over 500 books and articles.

**Karl Grossner** is a Digital Humanities Research Developer at Stanford University Libraries in California, USA, where he helps develop and apply spatial-temporal computing methods in focused, year-long engagements with selected humanities and social science research projects. He received his PhD in geography from the University of California, Santa Barbara, USA, and was centrally involved over a three-year period in the development of the TeachSpatial.org website as well as its underlying research, under the direction of Donald Janelle and Michael Goodchild.

**Ann Harding** is Professor of Applied Economics and Social Policy at the University of Canberra in Australia where she was the Foundation Director of the National Centre for Social and Economic Modelling (NATSEM). She is a Fellow of the Academy of the Social Sciences in Australia and has published extensively on the application of micro-simulation methods in social and economic policy analysis.

**Kingsley E. Haynes** is the Hazel Endowed Chair and University Professor in the School of Public Policy at George Mason University at Arlington, Virginia, USA, where he served as Dean of the School until July 2010. He is Director of State Economic Development Center and holds appointments in the departments of Decision Sciences, Geography, and Public Affairs. He conducts research in economic geography and regional science, infrastructure and transportation policy, resource planning and policy analysis, and transportation and land use analysis, and has published extensively on these topics. He is on the editorial board of various journals including the *Annals of Regional Science*, *Geographical Analysis*, *Journal of Geographical Systems* and *International Journal of Risk Assessment and Management*.

**Brian W. Head** is Professor of Policy Analysis in the Institute for Social Science Research at the University of Queensland in Brisbane, Australia. A political scientist and public policy analyst, he worked in senior roles for the Government of Queensland before returning to academic research. He is a Fellow of the Academy of the Social Sciences in Australia, and a Fellow of the Institute of Public Administration Australia.

**Graeme Hugo** is an Australian Research Council Professorial Fellow, Professor of Geography and Director of the Australian Population and Migration Research Centre at the University of Adelaide in Australia. He is a Fellow of the Academy of the Social Sciences in Australia and in 2012 was named an officer of the Order of Australia for distinguished service to population research through leadership roles with national and international organizations. He conducts research on urban, social and population geography, demographic trends, migration, and population, well-being and development in Southeast Asia. He has served on many Commonwealth Government advisory committees in Australia.

**Donald G. Janelle** is a Research Professor and Program Director for the Center for Spatial Studies at the University of California, Santa Barbara, California, USA. He is also an Emeritus Professor in Geography at Western University, London, Ontario, Canada. Research has focused on the role of space-adjusting technologies in human settlement and activity

patterns and on cross-disciplinary uses of spatial concepts in research and teaching.

**Rod McCrea** is a Social Scientist with the Commonwealth Scientific and Industrial Research Organisation (CSIRO) and an Adjunct Research Fellow with the Institute for Social Science Research (ISSR) at the University of Queensland, both in Brisbane, Australia. His research interests are in the field of environment and human behaviour, with a particular interest in statistical modelling.

**Tara McGee** is an ARC Research Fellow in the School of Criminology and Criminal Justice at Griffith University in Brisbane, Australia. Her research focuses on the development of offending across the life-course.

**Pauline McGuirk** is a Professor of Human Geography and Director of the Centre for Urban and Regional Studies at the University of Newcastle in Australia, who specializes in urban political geography, using qualitative methods to explore the changing modes and practices of urban governance. She is a Fellow of the Institute of Australian Geographers and of the Geographical Society of New South Wales.

**Lorraine Mazerolle** is a Research Professor in the Institute for Social Science Research (ISSR) at the University of Queensland in Brisbane, Australia. She is the Foundation Director and a Chief Investigator in the Australian Research Council (ARC) Centre of Excellence in Policing and Security (CEPS) and a Chief Investigator in the Drug Policy Modelling Program. She is an Australian Research Council Laureate Fellow, Fellow and Past President of the Academy of Experimental Criminology, foundation Vice-President of the American Society of Criminology Division of Experimental Criminology, and an author of scholarly books and articles on policing, drug law enforcement, third party policing, regulatory crime control, displacement of crime and crime prevention.

**William Mitchell** holds the Chair in Economics and is the Director of the Centre of Full Employment and Equity (CofFEE) at the Charles Darwin University in Darwin, Australia and holds conjoint professorial positions at the University of Newcastle in Australia, and Monash University in Australia (attached to the European Centre). He is also a Visiting Professor at Maastricht University in the Netherlands. He conducts research in macroeconomics, labour market studies, econometric modelling, regional economics and economic development.

**Alan T. Murray** is a Professor in the School of Geographical Sciences and Urban Planning, and a researcher in the GeoDa Center for GeoSpatial Analysis and Computation, at Arizona State University. He is a co-editor of

*International Regional Science Review*, and former Editor of *Geographical Analysis*. His research and teaching interests include: geographic information science; land use planning; urban, regional, and natural resource planning and development; quantitative methods; infrastructure and transportation systems; spatial optimization; location modelling; databases and data structures; spatial representation; and techniques to support interactive planning and decision making. He is the author of two books and over 180 research articles, book chapters and proceedings papers.

**Kevin O'Connor** is Professorial Fellow in Urban Planning at the University of Melbourne and at the School of Geography and Environmental Science at Monash University in Australia. His research explores the links between the economy and the growth and internal structure of cities and the impact of logistics activity, with an emphasis upon the development of airports, especially in the context of the strategic development of Melbourne, involving extensive contact with print and electronic media, along with briefings to professional groups, government and private firms. His research is recognized in major awards from the Planning Institute of Australia and the Urban Development Institute of Australia. In 2011 he gave the Fleming Memorial Lecture in Transportation Geography at the annual meeting of the American Association of Geographers.

**Phillip O'Neill** is Professorial Research Fellow at the Urban Research Centre at the University of Western Sydney in Australia. An economic geographer, his current research focuses on the funding and provision of large urban infrastructure. He is Editor-in-Chief of *Geographical Research*, a Fellow of the Institute of Australian Geographers, and a member of the editorial boards of *Journal of Economic Geography*, *Human Geography* and *Environment and Planning A*.

**Jitendra Parajuli** recently completed his PhD from the School of Public Policy at George Mason University in Virginia, USA. His research interests include telecommunications, infrastructure, entrepreneurship and regional development.

**Philippa Pattison** is the Deputy Vice Chancellor (Academic) and Professor in Psychological Sciences at the University of Melbourne in Australia. She conducts research on mathematical and statistical models for social networks and network-based social processes and their applications to the transmission of infectious diseases, the evolution of the biotechnology industry, and community recovery following bushfires. She is a Fellow of the Academy of the Social Sciences in Australia.

**Jacques Poot** is Professor of Population Economics in the National Institute of Demographic and Economic Analysis (NIDEA) at the University of Waikato, New Zealand. He is an Affiliate of Motu Economic and Public Policy Research in Wellington, New Zealand; Research Fellow at the Centre for Research and Analysis of Migration (CREAM) at University College London, UK; Research Fellow at IZA-Institute for the Study of Labor in Bonn; Honorary Fellow of the Royal Netherlands Academy of Arts and Sciences; and an elected Member of Academia Europaea.

**Kate Riseley** is an MPhil candidate with the School of Criminology and Criminal Justice at Griffith University in Brisbane, Australia. She is preparing a thesis on the association between community-based crime prevention programmes and community social characteristics. She has worked in various justice-related roles in areas of policy, analysis and evaluation.

**David Rohde** has a background in computer engineering and holds a PhD in Machine Learning/Astronomy. He has postdoctoral experience at the University of Queensland, Australia; Telecom ParisTech, France; and the Federal University of Rio de Janeiro, Brazil. His research has focused on using computational and Bayesian methods for synthesizing information in a number of application areas including astronomy, signal processing and spatial statistics. He is currently a Research Fellow in the School of Geography, Planning and Environmental Management at the University of Queensland.

**Tung-Kai Shyy** is a Research Fellow in the eResearch Group in the School of Information Technology and Electrical Engineering (ITEE) at the University of Queensland in Brisbane, Australia. He was a member of the ARC Research Network in Spatially Integrated Social Science (ARCRNSISS) and developed web-based geographic information systems (GIS) applications as a shared research web resource. His research publications have focused on GIS-based spatial modelling, spatial optimization, crime mapping, web-based GIS applications and urban quality of life. His co-authored paper received the Applied Research in Quality of Life – Best Paper Award 2006 presented by the International Society for Quality of Life Studies (ISQOLS).

**Tony Sorensen** is Adjunct Professor in Geography and Planning at the University of New England in Armidale, Australia. A former President of the Australian and New Zealand Regional Science Association, he is Co-Editor of the Association's *Australasian Journal of Regional Studies*. He is a Fellow of the Institute of Australian Geographers and of the Regional Australia Institute. His research focuses on the processes shaping rural

Australia's economic conditions, the adaptive capacities of agriculture and rural SMEs under turbulent and fragile conditions, and likely future scenarios for regional communities in a globalizing world.

**Robert J. Stimson** is a Professor in the Faculty of Architecture, Building and Planning, Director of the Australian Urban Research Infrastructure Network (AURIN), and an Adjunct Professor in Geography at the University of Melbourne in Australia. He is also an Emeritus Professor in Geography and Planning in the School of Geography, Planning and Environmental Management at the University of Queensland, Australia. An analytical human geographer and regional scientist, he conducts research in regional economic development, urban planning, human spatial behaviour, quality of urban life, and urban modelling and spatial decision support systems. He is a former Fulbright Senior Scholar, a Fellow of the Academy of the Social Sciences in Australia, and a Fellow of the Regional Science Association International. He is a past President of the Regional Science Association International (RSAI).

**Roger R. Stough** is University Professor of Public Policy and Associate Dean for Research in the School of Public Policy at George Mason University in Arlington, Virginia, USA where until recently he was Vice-President for Research and Economic Development. He is a Fellow of the Regional Science Association International (RSAI) and a former President of the RSAI. He conducts research on regional economic development, entrepreneurship and innovation technology policy, and transportation policy.

**Robert Tanton** is Research Director of the Social Inclusion and Small Area Modelling Team in the National Centre for Social and Economic Modelling (NATSEM) at the University of Canberra in Australia.

**Martin Watts** is a Professor of Economics in the Centre of Full Employment and Equity at the University of Newcastle in Australia.

**Mark Western** is a Professor of Sociology and the Director of the Institute for Social Science Research at the University of Queensland in Brisbane, Australia. He conducts research on social mobility and economic and social inequality, social networks and health and well-being, survey methods and individual and household disaster preparedness. He is a Fellow of the Academy of Social Sciences in Australia. In 2012 he chaired the Research Evaluation Committee for the Education and Human Society disciplines for the Excellence in Research for Australia national evaluation of university research quality.

**Rebecca Wickes** is an ARC Research Fellow in Criminology at the School of Social Science, the University of Queensland in Brisbane, Australia. Her research focusses on demographic changes in urban communities and their influence on community regulation, crime and disorder. She is a Co-Director of the Australian Community Capacity Study, a multi-site, longitudinal study of place.

