

---

## Editors and contributors

---

All of the contributors are recognized authorities with a strong reputation in research or practice for the issues on which they contribute. Short biographies are given below.

### EDITORS

**Robin Hickman** is a Senior Lecturer at the Bartlett School of Planning, University College London, and a Visiting Research Associate at the Transport Studies Unit, University of Oxford. He has research interests in urban structure and travel, transport and climate change, the affective dimensions of travel, integrated transport and urban planning strategies, and transport planning practice in Europe, Asia and South America. He leads the MSc in Transport and City Planning at UCL. He gained his PhD on urban structure and travel at the Bartlett School of Planning, UCL, in 2007. His most recent book is *Transport, Climate Change and the City*, with David Banister, published by Routledge in 2014.

**Moshe Givoni** is Head of the Transport Research Unit (TRU) and a Senior Lecturer at the Department of Geography and Human Environment, Tel-Aviv University. He is also a Visiting Research Associate at the Transport Studies Unit, University of Oxford, and an Associate Editor for the journal *Transport Reviews*. He gained his PhD at the Bartlett School of Planning, UCL, and received a Marie Curie postdoctoral fellowship, which was undertaken at the VU University, Amsterdam. His academic background also includes degrees in Economics and Geography (BA) and Business Administration (MBA) from Tel-Aviv University. He is co-editor of the book *Towards Low Carbon Mobility*, together with David Banister, published by Edward Elgar in 2013.

**David Bonilla** holds joint appointments at the Transport Studies Unit (Senior Researcher in Transport) and at the Oxford Martin School (James Martin Fellow), both at the University of Oxford. He obtained degrees at London University (Economics) and at the Tokyo University of Agriculture and Technology. He was an energy economist at the Asia Pacific Energy Research Center in Tokyo and at Cambridge University. He has been a recipient of several research grants from the European Commission and from the Japanese government. He has also contributed to the World Economic Forum in China. He sits on the executive committee of the University Transport Studies Group of the UK and is a past member of the Japan Society of Energy and Resources.

**David Banister** is Professor of Transport Studies at the School of Geography and the Environment (SoGE) and Director of the Transport Studies Unit, University of Oxford. He is a Fellow of St Anne's College. During 2009–10 he was also Acting Director of the Environmental Change Institute in SoGE. Until 2006, he was Professor of Transport Planning at UCL. He has been Research Fellow at the Warren Centre in the University of Sydney (2001–2) on the Sustainable Transport for a Sustainable City project and was

Visiting VSB Professor at the Tinbergen Institute in Amsterdam (1994–7). He was a Visiting Professor at the University of Bodenkultur in Vienna in 2007. He was the first Benelux BIVET-GIBET Transport Chair (2012–13). He has published (as author and editor) 23 research books.

## CONTRIBUTORS

**Jan Anne Annema** is Assistant Professor of Transport Policy at Delft University of Technology. He works at the Department of Engineering Systems and Services, in Transport and Logistics. He has research interests in ex-ante transport policy evaluation (e.g., scenarios, cost-benefit analysis), pricing policy implementation issues and environmental policies. His recent book is *The Transport System and Transport Policy* with Bert van Wee and David Banister, published by Edward Elgar in 2013.

**Flor Avelino** is a Senior Researcher and Lecturer at the Dutch Research Institute for Transitions (DRIFT), Erasmus University Rotterdam, focusing on the power of people to realize sustainability transitions. Her fields of interest are transitions management, social innovation, the role of power, self-organization and sustainability. As the Academic Director of the Transition Academy, she strives to co-create new learning environments to challenge people to think and act for radical change. She holds a PhD (cum laude) from the Erasmus University Rotterdam.

**Frank Bruinsma** is Associate Professor in Transport and Regional Economics at the Department of Spatial Economics at the VU University Amsterdam. He has research interests in the impact of transport development on urban and regional development and spatial planning policies. He gained his PhD on the impact of transport infrastructure on spatial patterns of economic activities in 1994. Since 2006, he has taught on the interdisciplinary programme Earth and Economics, a joint Bachelor and Masters programme of the Faculty of Earth Sciences and the Faculty of Economics at the VU University.

**Chantal C. Cantarelli** is a Research Fellow at Oxford University's Saïd Business School. Her research focuses on the performance of large infrastructure projects. Her main research areas are decision-making, escalation of commitment, project ownership and financing of major programmes. Prior to her research at Saïd Business School, she received her PhD from Delft University of Technology in 2011 on theoretical and empirical notions of cost overruns in transport infrastructure projects in the Netherlands and worldwide.

**Xinyu (Jason) Cao** is Associate Professor of Urban and Regional Planning at the Humphrey School of Public Affairs, University of Minnesota, Twin Cities. His research interests include the relationship between the built environment and travel behaviour, particularly the role of residential self-selection, planning for quality of life, telecommunications and travel behaviour. He received his PhD in the Department of Civil and Environmental Engineering, University of California, Davis, in 2006 and his Bachelor's and Master's degrees from Tsinghua University, China. He served as the Vice-Chair of International Association for China Planning in 2013–15 and will be the Chair for the next two years.

**Chia-Lin Chen** is a Research Associate at the Bartlett School of Planning, UCL. Her research concerns the relationship between transport and territorial dynamism at different spatial scales with particular interests on the role of design, integrated planning, and multi-level institutional governance. Her PhD research looked at the wider impacts of high-speed rail on regional development. She is currently working on the EU Interreg IVB SINTROPHER project, looking at the reframing of public transport appraisal and decision-making for urban transformation in deprived towns.

**Galit Cohen-Blankshtain** is a Senior Lecturer at the School of Public Policy and Governance and at the Department of Geography at the Hebrew University. She is the head of the Master's honour programme of the School of Public Policy. She holds an MA in Geography from the Hebrew University and gained her PhD on Spatial Economics at the Free University of Amsterdam. Her research interests are transport policy, beliefs and emotions regarding different transport modes, urban ICTs policy and public participation in policy processes.

**Carey Curtis** is Professor of City Planning and Transport at Curtin University, Western Australia. She is Visiting Professor, University of Amsterdam. Her research interests cover land-use planning and transport planning, including a focus on city form and structure, transit-oriented development, personal travel behaviour, accessibility planning, institutional barriers to sustainable transport, governance and transport policy. She has published more than 80 papers, book chapters and books, including *Institutional Barriers for Sustainable Transport* (2012) with Nicholas Low, and *Transit Oriented Development: Making it Happen* (2009) with John Renne and Luca Bertolini – both published by Ashgate.

**Ganze Dane** is a Postdoctoral Researcher at the Urban Planning Group, Department of the Built Environment, Eindhoven University of Technology. She has research interests in travel behaviour analysis, activity based modelling and time-use research. She gained her PhD at the Eindhoven University of Technology on a model of the trade-off between time use and expenditure. She is currently working on a project about the impact of the economic crisis on housing mobility.

**Jago Dodson** is Director of the Centre for Urban Research and Professor of Urban Policy at RMIT University. He has a longstanding interest in transport problems particularly in the links between transport policy and planning, urban land-use and development and the social consequences of transport access and cost differentials. Much of his recent work has examined the problem of 'oil vulnerability' in Australian cities. He has a record of more than 60 publications, including three books, many of which address transport questions, and has received major grants examining transport issues.

**Alastair Donald** was a Postgraduate Researcher at the Martin Centre for Architectural and Urban Studies, University of Cambridge, where he worked on mobility and space as part of the EPSRC-funded SOLUTIONS programme. He is Project Director for the British Pavilion for Venice Architecture Biennale, 2014. He is Associate Director of the Future Cities Project and co-editor of *The Lure of the City: From Slums to Suburbs* (Pluto, 2011).

**Robyn Dowling** is Professor of Human Geography at Macquarie University, Australia. She received her PhD from the University of British Columbia, which provided the

foundations for her long-term research on suburban lives and identities. With Alison Blunt she is the co-author of *Home* (Routledge, 2006). She is the recipient of a number of Australian Research Council grants, with the most recent focusing on the mobility practices associated with car-sharing and electric bikes.

**Marcial Echenique** is a Fellow of Churchill College and Professor Emeritus of Land Use and Transport Studies and former Head of Architecture at the University of Cambridge. He is accredited, in particular, with early work on the integration of land-use and transport planning. He has acted as a consultant to numerous government and local authorities and has directed major planning studies financed by international institutions such as the World Bank and the United Nations. He directed the influential study of Cambridge Futures (Royal Town Planning Institute award for planning innovation in 2000). In 2009 he was awarded an OBE for services to Urban and Regional Planning.

**Ahmed El-Geneidy** is an Associate Professor at the School of Urban Planning, McGill University. El-Geneidy's research interests include land-use and transportation planning, transit operations and planning, travel behaviour analysis including both motorized (auto and transit) and non-motorized (bicycle and pedestrian) modes of transportation, travel behaviour of disadvantaged populations (seniors and people with disabilities) and measurements of accessibility and mobility in urban contexts.

**Reid Ewing** is Professor of City and Metropolitan Planning at the University of Utah, Director of the Metropolitan Research Center, Associate Editor of the *Journal of the American Planning Association*, and columnist for *Planning* magazine, writing the bi-monthly column 'Research you can use'. He holds Master's degrees in Engineering and City Planning from Harvard University and a PhD in Urban Planning and Transportation Systems from the Massachusetts Institute of Technology. His work is aimed at planning practitioners. His eight books include *Pedestrian and Transit Oriented Design*, co-published by the Urban Land Institute and American Planning Association; *Growing Cooler – Evidence on Urban Development and Climate Change*, published by the Urban Land Institute; and *Best Development Practices*, listed by the American Planning Association as one of the 100 'essential' books in planning over the past 100 years.

**Eran Feitelson** is Professor at the Hebrew University of Jerusalem. A former chair of the Department of Geography, he was for five years the head of the Federmann School of Public Policy and Government. Currently he is head of the Advanced School for Environmental Studies. He holds an MA in Geography and Economics from the Hebrew University of Jerusalem and a PhD from the John Hopkins University. In 2009–10 he was a Visiting Professor at the Transport Studies Unit, Oxford University. He has edited or co-edited three books, and published more than 70 papers in refereed journals and edited volumes in the fields of transport policy, land-use planning, environmental policies and water policy. In addition to his academic work, Feitelson has participated in several national planning teams and has been a member of many national committees. He has also served as chair of the Israeli Nature Reserves and National Parks Commission for ten years.

**Bent Flyvbjerg** is the first BT Professor and Founding Chair of Major Programme Management at Oxford University's Saïd Business School and Director of the University's BT Centre for Major Programme Management. He was twice a Visiting Fulbright Scholar to the USA, where he did research at UCLA, UC Berkeley and Harvard. His books include *Megaprojects and Risk: An Anatomy of Ambition*, *Making Social Science Matter: Why Social Inquiry Fails and How It Can Succeed Again* and *Rationality and Power: Democracy in Practice*. His publications have been translated into 19 languages. Flyvbjerg has served as advisor to the United Nations, the EU Commission and to governments and companies around the world.

**Norman Garrick** is an Associate Professor of Civil Engineering at the University of Connecticut. He is also a member of the national board of the Congress for the New Urbanism (CNU). He specializes in the planning and design of urban transportation systems especially as they relate to sustainability, placemaking and urban revitalization. His writing has appeared in *Atlantic Cities*, *Planetizen*, *New Urban News*, the *Denver Post* and the *Hartford Courant*. He has worked as transportation consultant on a number of design charrettes including urban revitalization projects with the Prince of Wales Foundation in Jamaica and Sierra Leone. He is a recipient of the Transportation Research Board's Wootan Award for best paper in policy and organization and a Fulbright Fellowship to Kingston, Jamaica. He has also been a Visiting Professor at the Swiss Federal Institute of Technology (ETH) Zurich and a lecturer in both MIT's Department of Urban Studies and Planning and Oxford University's (UK) Masters of Sustainable Urban Planning Programme.

**Harry Geerlings** is Professor in Governance and Sustainable Mobility at the Department of Public Administration of the Erasmus University Rotterdam and a 'Port Professor' of Erasmus Smart Port Rotterdam, an initiative between the Port community and the Erasmus University Rotterdam. Most of this research is related to the interaction between transport, environment and spatial planning. He holds a PhD in Economics from the Vrije Universiteit Amsterdam. He is a member of the PhD-school TRAIL (Transport, Infrastructure and Logistics).

**Karst Geurs** is Professor of Transport Planning at the Centre for Transport Studies, Faculty of Engineering Technology, University of Twente, the Netherlands. His research focuses on accessibility analysis and modelling, land-use and transport interactions, transport policy evaluation and sustainable transport. He gained his PhD at the Faculty of Geosciences, Utrecht University, the Netherlands, on accessibility appraisal of land-use and transport policy strategies. He is the current president of the Network of European Communications and Transport Activities Research (NECTAR). His most recent book is *Accessibility and Transport Planning: Challenges for Europe and North America* with Aura Reggiani and Kevin J. Krizek, published by Edward Elgar in 2012.

**Andrew R. Goetz** is Professor in the Department of Geography and the Environment and a faculty member in the Intermodal Transportation Institute at the University of Denver, USA. He is co-editor of *The Geographies of Air Transport* (2014) and co-author of two other air transport books, as well as numerous publications on topics including transportation infrastructure and urban/economic growth, air transportation and airports, globalization, sustainability, intermodal transportation, transport geography, high-speed

rail, smart growth planning, rail transit systems and transit-oriented development. He received the 2010 Edward L. Ullman Award from the Association of American Geographers for Significant Contributions to Transportation Geography.

**Peter Gordon** was Professor in the University of Southern California's Price School of Public Policy until his retirement at the end of 2013. He is now Professor Emeritus. His research interests are in applied urban economics. With colleagues, he has developed various economic impact models which have been applied to the study of the effects of infrastructure investments or disruptions from natural events or terrorist attacks. In addition, he continues to be interested in urban structure and economic growth along with the associated policy implications. He has published in most of the major urban planning, urban transportation and regional science journals and is a Fellow of the Regional Science Association International. He has consulted for local, state and federal agencies, the World Bank, the United Nations and many private groups. He received his PhD from the University of Pennsylvania in 1971.

**Anna Grigolon** is a Postdoctoral Researcher at the Urban Planning Group, Department of the Built Environment, Eindhoven University of Technology. She has research interest in tourism analysis, travel behaviour analysis and logistics. She gained her PhD at the Eindhoven University of Technology on a model of the influence of lifecycle on tourism behaviour. She is currently working on a project about the impact of the economic crisis on housing mobility.

**Derek Halden** is Director of DHC, a company he founded in 1996 after spending ten years in the UK civil service working for the Scottish Office and the Transport Research Laboratory. His research in the 1990s on the use of accessibility concepts in planning helped to pave the way for the introduction of more user-focused transport planning in the UK, and since 2002 he has been supporting the UK Department for Transport with the planning of national policies and programmes to improve access to services. His research on the future of transport and logistics includes the review *Access, Information and Flexibility* published by the British Council of Shopping Centres, which has been used as a blueprint for smart travel delivery. Halden is a Civil Engineer, was Chair of the Chartered Institute of Logistics and Transport in Scotland from 2011 to 2013, and is a member of the Polish Academy of Science. He has directed and managed more than 300 projects to strengthen links between transport and the wider economy and society across Europe and in New Zealand.

**Peter Hall** was Bartlett Professor of Planning and Regeneration at the Bartlett School of Planning, UCL, President of the Regional Studies Association and President of the Town and Country Planning Association. He was author, co-author or editor of 50 books including *The World Cities*, *Urban and Regional Planning*, *Cities of Tomorrow*, *Cities in Civilization*, *The Polycentric Metropolis* and *Good Cities, Better Lives*. Since 2009, he directed SINTROPHER (Sustainable Integrated Tram-Based Transport Options for Peripheral European Regions), an EU Interreg IVB project. Peter Hall sadly died in July 2014.

**Iqbal Hamiduddin** is a Lecturer in Transport Planning and Housing at the Bartlett School of Planning, UCL. His research specialisms are in transport, housing and particularly

the interface of transport and housing policies in residential design. His PhD thesis on the 'Social implications of residential car reduction' was based largely on detailed comparative field research undertaken in different neighbourhoods of Freiburg. He has also investigated different elements of transport planning and housing delivery separately in a variety of projects for organizations including the Royal Institution of Chartered Surveyors, the Regional Studies Association and the European Union.

**Susan Handy** is Chair of the Department of Environmental Science and Policy and the Director of the National Center for Sustainable Transportation at the University of California, Davis. Her research interests centre on the relationships between transportation and land use, particularly the impact of neighbourhood design on travel behaviour. She is currently working on several studies of bicycling as a mode of transportation. She is a member of the Committee on Women's Issues in Transportation of the Transportation Research Board and is an associate editor of the newly launched *Journal of Transport and Health*.

**Peter Headicar** is an Associate at the Department of Planning, Oxford Brookes University where he was Reader in Transport and leader of the Department's Transport MSc programme until his retirement in 2011. He continues to research spatial demographic trends in England and their implications for travel and on the inter-relationships in policy and practice between land-use and transport planning. He is the author of *Transport Policy and Planning in Great Britain*, published by Routledge in 2009. He received the PTRC Lifetime Achievement Award in 2012 and was appointed a member of the UK Independent Transport Commission in 2013.

**David A. Hensher** is Professor of Management, and Founding Director of the Institute of Transport and Logistics Studies (ITLS) at the University of Sydney. A Fellow of the Australian Academy of Social Sciences, recipient of the 2009 International Association of Travel Behaviour Research (IATBR) Lifetime Achievement Award in recognition for his longstanding and exceptional contribution to IATBR as well as to the wider travel behaviour community; recipient of the 2006 Engineers Australia Transport Medal for lifelong contribution to transportation. Hensher is also the recipient of the Smart 2013 Premier Award for Excellence in Supply Chain Management. Honorary Fellow of Singapore Land Transport Authority, and a past President of the International Association of Travel Behaviour Research. He has published extensively (more than 550 papers) in the leading international transport journals and key journals in economics as well as 12 books. David has advised numerous government and industry agencies in many countries (notably Australia, New Zealand, the UK, the USA and the Netherlands), with a recent appointment to Infrastructure Australia's reference panel on public transport, and is called upon regularly by the media for commentary.

**Darío Hidalgo** is the Director of Research and Practice of EMBARQ, the transport initiative of the WRI Ross Center for Sustainable Cities, where he is involved in projects in India, Mexico, Brazil, Turkey, the Andean Region and China. He also coordinates the Observatory of the BRT Centre of Excellence. He has 23 years of experience as a transport expert, consultant, and government official in more than ten countries of Latin America, Asia and Africa. He has also been a Lecturer in Urban Planning and a

researcher, focusing on documenting bus systems implementation and operations. He holds PhD and MSc degrees in Transportation Planning from Ohio State University, and a Civil Engineering degree from Universidad de los Andes, Colombia.

**Mayer Hillman** was an Architect and Town Planner in private practice from 1954. The lack of attention paid at the time to environmental considerations led him to leave it and to write his doctoral thesis at Edinburgh University and then to join the Policy Studies Institute in 1970 as Head of its Environment and Quality of Life Research Programme. He has written more than 50 books on transport, urban planning, energy conservation, health promotion and environment policies. Now, as Senior Fellow Emeritus of the Institute, his work is focused on the awesome implications of climate change. He proposed personal carbon rationing in 1990, citing it as 'the only realistic way by which catastrophic climate change can be prevented'.

**Randi Hjorthol** is Chief Research Sociologist at the Institute of Transport Economics in Oslo, Norway. She is leading the Strategic Institute Program of Mobility and Travel Behaviour. In the past decade she has managed several projects on ageing and mobility. She was a member of the Scientific Advisory Board of CASE (Centre for Ageing and Supportive Environments) at the University of Lund. She has served as a leader of the programme Committee for Research on Transport and Infrastructure, Danish Agency for Science, Technology and Innovation. She was member of the Advisory Board of TRANSGEN-project (transport and gender) at the University of Copenhagen, member of the Advisory Board of SAMOT (service and market oriented transport research) at the University of Karlstad, and was a member of an Expert Group in OECD on mobility needs for an ageing society.

**Erling Holden** is Professor in Renewable Energy at Sogn and Fjordane University College, Faculty of Engineering and Sciences. He has a Master's Degree in Mechanical Engineering from the Department of Energy and Process Engineering, Norwegian University of Science and Technology (NTNU). He gained his doctoral degree in Urban Planning at the Department of Urban Design and Planning, NTNU; and has worked with issues related to energy, transport and sustainable development since 1988. In his work, Holden combines one or more of three different theoretical perspectives: technological-oriented environmental studies, sociological and socio-psychological behavioural studies, and physical planning studies. His most recent book is *Achieving Sustainable Mobility*, published by Ashgate in 2007.

**Torben Holvad** is Economic Adviser at the European Railway Agency (France), Senior Research Associate at the Transport Studies Unit (University of Oxford), Research Associate at École Polytechnique Fédérale de Lausanne (EPFL), and external Associate Professor at the Department of Transport (Danish Technical University). He obtained Economics degrees from Copenhagen University (MSc) and the European University Institute in Florence (MA and PhD).

**Helmut Holzapfel** is Professor of Transport and Urbanism at the faculty of Architecture, Urban and Landscape Planning at the University of Kassel. He studied civil engineering and had leading positions from 1980 to 1993 as Transport Scientist in research groups and later as an official at the Transport Ministry of North Rhine Westphalia. Between

1995 and 1998 he was leading transport planning in the German 'Land' of Sachsen-Anhalt. Since 2009, he has contributed to the EU SINTROPHER research project in close collaboration with Professor Sir Peter Hall. He has had positions as a Visiting Professor in Vienna (Austria) and in Alessandria (Italy). He has published many books and articles; his most recent book is *Urbanism and Transport* (Routledge, 2015).

**Michael Iacono** is a Research Fellow in the Department of Civil, Environmental and Geo-Engineering at the University of Minnesota and a member of the NEXUS research group. His research interests cover a variety of topics related to the interaction between transportation networks and the people and places they serve. Much of his recent work has been focused on evaluating and applying methods to understand the economic impacts of transportation network improvements, as well as investigating the role of demographic transitions in travel behaviour change.

**Ole B. Jensen** is Professor of Urban Theory at the Department of Architecture, Design and Media Technology, Aalborg University (Denmark). He holds a BA in Political Science, an MA in Sociology and a PhD in Planning. He is co-founder and board member at the Center for Mobilities and Urban Studies (C-MUS). His main research interests are within urban mobilities and urban networked technologies. He is the co-author of *Making European Space: Mobility, Power and Territorial Identity* (Routledge, 2004, with Tim Richardson), and author of *Staging Mobilities* (Routledge, 2013) and *Designing Mobilities* (Aalborg University Press, 2014).

**Peter Jones** is Professor of Transport and Sustainable Development in the Centre for Transport Studies, UCL; previously he was Director of the Transport Studies Group at the University of Westminster. He has a wide range of transport research and teaching interests, including traveller attitudes and behaviour, travel trends and the determinants of travel demand, activity patterns and lifestyles, traffic restraint, accessibility studies, policy option generation, major transport economic and social impact studies, public engagement, development of new survey and appraisal methods, and advances in urban street planning and design. He is a member of the Independent Transport Commission and the DfT's Science Advisory Council; and has a Visiting Professorship at the China Academy of Transportation Sciences.

**Jeff Kenworthy** has spent 35 years in the transport and urban planning field. His research focuses on large international comparisons of cities from a transport and land-use perspective. He is author/co-author of a number of books as well as more than 200 book chapters and journal publications in the area of urban planning, transport and sustainability. He has received two awards from the German government for his research and teaching in the field, including a Mercator Guest Professorship (Goethe University) and is currently a Guest Professor at the Frankfurt University of Applied Sciences.

**Susan Kenyon** began her career in transport research in 1998. Her research interests focus on travel behaviour and influences on behaviour, including travel behaviour change; and on the links between transport, social policy and the functioning of society. In 2013, she moved from academia to the policy environment. Her academic background includes a Bachelor's in Politics, a Master's in Environmental Politics and a PhD examining the influence of virtual mobility on travel behaviour and social exclusion.

**Christian A. Klöckner** is Professor in Social Psychology and Quantitative Methods at the Norwegian University of Science and Technology (NTNU) in Trondheim. He took his education at Ruhr-University Bochum, Germany, where he also received his PhD with the influence of habits on travel mode choice as a topic. Since 2007 he is affiliated to NTNU where he does research on determinants of environmentally relevant behaviour on all levels from everyday behaviour like travel mode choice or food purchase to big investment decisions like buying a car (including electric cars) or insulating a house. He is furthermore interested in modelling behaviour change and innovative environmental communication through means of art, games or modern communication technology.

**Kevin J. Krizek** is Professor of Transport in the Programs of Environmental Design and Environment Studies at the University of Colorado Boulder. He is a 2013–14 Fellow of the Leopold Leadership Program and was awarded a 2014 US-Italy Fulbright Scholarship. He also serves as the Visiting Professor of ‘Cycling in Changing Urban Regions’ at Radboud University in the Netherlands (2015–2018). He co-heads the Active Communities/Transportation (ACT) Research Group and is appointed to the bicycle transportation committee of the Transportation Research Board of the National Academies, and is the Senior Transportation Fellow for the Environmental Center at CU.

**Bumsoo Lee** is an Associate Professor in the Department of Urban and Regional Planning at the University of Illinois, Urbana-Champaign. His research interests include urban spatial structure, travel behaviour, sustainable transportation and economic impact analysis. He earned his PhD in Planning at the University of Southern California.

**Steen Leleur** is Professor of Decision Support Systems and Planning at the Department of Transport at the Technical University of Denmark. He is an experienced transport planner, who has participated in numerous activities especially in the fields of national and international strategic transport planning and transport investment appraisal. He has worked out several textbooks such as *Road Infrastructure Planning: A Decision Oriented Approach*, published in 2000 by Polyteknisk (2nd edition), and *Complex Strategic Choices: Applying Systemic Planning for Strategic Decision Making*, published in 2012 by Springer. His most recent research concerns uncertainty of appraisal methodology and the formulation of comprehensive assessment frameworks for sustainable transport development.

**David Levinson** serves on the faculty of the Department of Civil, Environmental, and Geo-Engineering at the University of Minnesota and Director of the Networks, Economics, and Urban Systems (NEXUS) research group. He holds the Richard P. Braun/CTS Chair in Transportation. He also serves on the graduate faculty of the Applied Economics and Urban and Regional Planning programs at the University of Minnesota. In academic year 2006–7 he was a Visiting Academic at Imperial College in London.

**Terry Li** is a Research Fellow at the Urban Research Program at Griffith University. His research focus is on developing spatial understanding of urban and transport systems in Australian and international urban environment. Much of his research lies in the application of quantitative geographical methods for urban and transport modelling and analysis, which covers a broad range of urban and regional issues, including questions of journey to work dynamics, transport impacts of employment decentralization, urban

vehicle fleet fuel efficiency, and transport vulnerability. He has published more than 20 journal articles. He is also a guest editor for the special issue of *Journal of Transport Geography* on public bike-sharing programmes.

**Zheng Li** is a Senior Research Fellow in Transportation at the Institute of Transport and Logistics Studies (ITLS) in the University of Sydney Business School. Li's main research interests include willingness to pay valuation, advanced non-linear travel choice models, and transport policy. Li has published more than 23 journal articles, the majority of which are published in the top transportation and logistics journals (e.g. *Transportation Research, Parts A, B, D and E, Transportation Science, Transportation*), and has presented papers at a number of international conferences. In 2010, he was awarded the Institute of Transport and Logistics Studies Prize for research excellence in transport or logistics. In 2013 he took up a new appointment in the Department of Transportation, Southwest Jiaotong University Hope College, Jintang University City, Chengdu, China.

**Kristin Linnerud** is a Senior Research Fellow at the Center for International Climate and Environmental Research – Oslo (CICERO). Linnerud has a Master's Degree (1990) in finance from the London School of Economics and a Doctoral Degree in Economics from the Norwegian School of Economics (2008). Linnerud has done research on issues related to energy, transport and sustainable development since 2007. Her work is based upon microeconomics, behavioural economics, econometrics and finance. Some recent publications are 'Sustainable development: *Our Common Future* revisited' (*Global Environmental Change*), 'Sustainable passenger transport: back to Brundtland' (*Transportation Research Part A: Policy and Practice*) and 'Troublesome leisure travel: the contradictions of three sustainable transport policies' (*Urban Studies*).

**Stephen Marshall** is Reader in Urban Morphology and Planning at the Bartlett School of Planning, UCL. He has more than 20 years of experience in the built environment fields, initially in consultancy and subsequently in academia. His principal research interests are in urban morphology and street layout, and their relationships with urban formative processes, including urban design, coding and planning. He has written and edited several books, including *Streets and Patterns* (2005), *Cities, Design and Evolution* (2009) and *Urban Coding and Planning* (2011). He was Chair of the Editorial Board of *Urban Design and Planning*, from its launch to 2012; and is now co-editor of *Built Environment*.

**Wesley Marshall** is an Assistant Professor at the University of Colorado Denver, Program Director of the UCD University Transportation Center through the Mountain Plains Consortium, and co-director of the Active Communities/Transportation (ACT) research group. He received his Professional Engineering licence in 2003 and conducts transportation teaching and research dedicated to creating more sustainable infrastructures, particularly in terms of road safety, active transportation and transit-oriented communities. Other recent teaching and research topics involve resiliency, parking and street networks. Having spent time with Sasaki Associates and Clough, Harbour and Associates, he has been working on issues related to transportation for the past 15 years. A native of Watertown, Massachusetts, he graduated with honours from the University of Virginia and received his Master's and Doctoral degrees from the University of Connecticut. He is a recipient of the Dwight Eisenhower Transportation Fellowship and winner of the Charley V. Wootan Award for Outstanding TRB Paper.

**Ellen Matthies** is Professor of Environmental Psychology at Otto von Guericke University Magdeburg (Germany). From 2009 to 2011 she was Professor of Environmental Psychology at the Norwegian University of Science and Technology, Trondheim (Norway). She accomplished her habilitation in 2001 with the topic 'Coping with environmental threats and global environmental change' at the Psychology department at Ruhr-University Bochum where she also received her PhD. Her main research field is man–environment interactions with a focus on environmentally relevant behaviours and decisions (mainly electricity use and car use) and theory driven development and evaluation of intervention measures to promote sustainable consumption.

**Lucia Mejia Dorantes** works at the Fraunhofer Institute for Systems and Innovation Research in the Sustainability and Infrastructure System Unit in Germany. She gained her PhD in the University of Madrid (UPM), in the Transport Research Centre (TRANSyT) in 2011 with the analysis of impacts on house prices and firms' location due to new transport infrastructure (Cum-Laude, Doctor European, and also honoured with the extraordinary doctoral thesis award of the UPM). She has collaborated with different institutions and research centres in Europe and America. Her research interests are related to efficient transport planning strategies, transport economics, long-term effects of transportation, transport policy and transport equity, using both qualitative and quantitative techniques.

**Rainer Meyfahrt** is Honorary Professor of Public Transport at the Department of Architecture, Urban and Landscape Planning at the University of Kassel. From 1974 to 1989 he was Lecturer and Professor of Urban Development at the University of Kassel, and from 1982 to 1986 he was Vice-President. From 1990 to 2009 he was member of the staff of the public transport company of Kassel (KVG), responsible for corporate planning and the development of the tram and RegioTram system. From 2004 to 2009 he was a member of the executive board of the company and Director of the Regionalbahn Kassel (RBK). Since 2009, he has worked on the EU SINTROPHER project. He is member of the German Academy of Urban and Regional Spatial Planning.

**Patricia Mokhtarian** is Professor of Civil and Environmental Engineering at the Georgia Institute of Technology in Atlanta. Prior to joining Ga Tech in 2013, she spent 23 years on the faculty of the University of California, Davis. Her research interests include the impacts of land use on travel behaviour (particularly residential location and residential self-selection issues), the impact of telecommunications technology on travel behaviour, commuters' responses to congestion or to system disruptions, attitudes toward mobility and travel multitasking. She is an editor of *Transportation*, and serves on the editorial boards of six other transportation journals. She is currently Vice-Chair/Chair-Elect of the International Association for Travel Behaviour Research.

**Juan Carlos Muñoz** is Director of the Department of Transport Engineering and Logistics and Deputy Director of the Sustainable Urban Development Centre at Pontificia Universidad Católica de Chile, and leader of the Bus Rapid Transit Centre of Excellence. He has provided advice to the Chilean Ministry of Transport and the Santiago Metropolitan Urban Transport Directorate, and has been member of the board of the Metro systems in Valparaiso and Santiago. His research includes optimization of crew assignment, advanced control for transit systems, improved planning mechanisms for bus and metro systems, and measurement of transit performance. He

holds PhD and MSc degrees from the University of California at Berkeley, and MSc and Civil Engineering Degrees from Pontificia Universidad Católica de Chile.

**Petter Næss** is Dr. Ing., Architect and Professor in Planning in Urban Regions at the Norwegian University of Life Sciences, where he is Head of the Doctoral School of Society, Development and Planning. Combining qualitative and quantitative research methods, he has for more than 25 years carried out research into urban sustainability topics, with a particular focus on influences of urban structures on travel behaviour. Other research interests are driving forces of urban development, planning theory and philosophy of science. He has published widely within all these areas.

**Peter Newman** is Professor of Sustainability at Curtin University in Perth, Australia where he is the Director of the CUSP research institute, which has 80 PhD students. He is the author of 15 books and 280 papers and with Jeff Kenworthy invented the term 'auto-mobile dependence' in the 1980s. He is a lead author for transport on the IPCC and is on the board of Infrastructure Australia. In 2014 he was awarded the Order of Australia for his contribution to sustainable transport and urban design.

**Susanne Nordbakke** is a Senior Research Sociologist at the Institute of Transport Economics. Her research interests include the influence of social and spatial phenomena on individuals' travel behaviour and decisions, and the analysis of wellbeing effects of travel and activities in different socio-demographic groups. She gained her PhD on mobility and well-being among older people at the University of Oslo in 2014.

**Susan Petheram** is a PhD candidate in City and Metropolitan Planning at the University of Utah, and an Associate Principal with CRSA, a planning and architecture firm in Salt Lake City, Utah. Her research interests include the impacts of light rail systems on surrounding land uses, the value of arts and culture in neighbourhoods and how past relationships between transportation and the built environment affect present-day urban form characteristics.

**Soora Rasouli** is Assistant Professor of the Urban Planning Group of the Eindhoven University of Technology, the Netherlands. She has research interests in activity-based models of travel demand, modelling of choice processes under uncertainty and complex systems. She serves on the editorial board of several transportation journals and is a member of TRB and WCTR committees on demand forecasting.

**Piet Rietveld** was Professor in Transport Economics and Head of the Department of Spatial Economics at the VU University Amsterdam (the Netherlands). His main research interests were in transport economics, regional development, and evaluation methods. He obtained his PhD in 1980 from the VU University Amsterdam. In the 1980s, he was Research Fellow at the International Institute for Applied Systems Analysis (Laxenburg, Austria) and research coordinator at the Universitas Kritsen Satya Wacana (Salatiga, Indonesia). He was a member of numerous advisory boards. He was also chairman of network organizations such as RSA Netherlands (the Dutch branch of the Regional Science Association International) and NECTAR (the worldwide network of transport researchers, 2003–7). In addition, he was a fellow of several organizations, most notably the Tinbergen Institute (the graduate school of Erasmus University Rotterdam, the University of Amsterdam and VU University Amsterdam)

and NAKE (Dutch Network for General and Quantitative Economics), and member of the Royal Netherlands Academy of Arts and Sciences (KNAW). He published more than 400 articles and 250 book contributions. Piet Rietveld sadly died in November 2013.

**Orit Rotem-Mindali** is a Lecturer at the Department of Geography and Environment, Bar-Ilan University. She gained her PhD at The Hebrew University of Jerusalem on spatial, and transport implications of households' consumption patterns in the e-commerce age. Her academic background includes also degrees in Life Science and Environmental Studies (BSc) and Geography and Environmental Management Planning and Policy program (MA) from the Hebrew University of Jerusalem. Her research interests include spatial behaviour in urban environments. Her research emphasizes individual spatial behaviour while focusing on the reciprocal relationship of this behaviour with urban, economic and social processes in the presence of technological changes.

**Tim Schwanen** is Departmental Research Lecturer and Associate Professor in Transport Studies and Human Geography at the School of Geography and the Environment, University of Oxford. He holds a PhD in Human Geography (2003, cum laude) from Utrecht University where he also worked as a post-doctoral researcher and lecturer in Urban Geography (2003–9). He is currently the Editor-in-Chief of the *Journal of Transport Geography*.

**Neil Sipe** is Professor and Head of the Planning Program at the University of Queensland. He was previously Deputy Director of the Urban Research Program at Griffith University and served as Head of the Griffith University's Urban Planning Program for more than ten years. He has been an active researcher in the area of transport planning and has collaborated with Jago Dodson on a body of research related to oil vulnerability in the transport sector. He currently serves on the US Transportation Research Board Ferry Committee and the Social and Economic Effects of Transportation Committee and is the editor of *Australian Planner*, the peer-reviewed journal serving the Australian planning community.

**Dominic Stead** is Associate Professor in the Faculty of Architecture and the Built Environment, Delft University of Technology, and Honorary Research Fellow at the Bartlett School of Planning, UCL. He has published more than 25 book chapters and more than 60 journal articles. He has also co-edited three books. He is a member of the editorial board of four international journals – *European Journal of Transport and Infrastructure Research*, *European Planning Studies*, *Journal of Planning Education and Research* and *Planning Practice and Research*.

**Philip Stoker** is PhD Candidate in the Department of City and Metropolitan Planning at the University of Utah. Philip has a Master's degree in Resource and Environmental Management from Simon Fraser University, Vancouver, and a Bachelor of Science in Environmental Management from the University of Redlands, California. He has conducted environmental and social science research internationally, including work with the World Health Organization, Parks Canada, the National Park Service, the Kenyan Wildlife Service and the Vancouver 2010 Olympic Games. Currently, he is an iUTAH graduate research fellow investigating urban water use.

**Gordon Stokes** is a Visiting Research Associate at the Transport Studies Unit, University of Oxford. He has done research for the UK government at the Transport and Road Research Laboratory, for Oxford University, for consultancies and the government's Countryside Agency and Commission for Rural Communities. His work has generally been concerned with social, environmental and rural transport issues, and has involved analysing large-scale datasets and panel surveys, in particular the UK's National Travel Survey. He was responsible for the 'State of the Countryside' reports while at the Commission for Rural Communities and was an author of *Transport, the New Realism* in the early 1990s while working for Transport Studies Unit.

**Harry Timmermans** is Head of the Urban Planning Group of the Eindhoven University of Technology, the Netherlands. He has research interests in modelling decision-making processes and decision support systems in a variety of application domains, including transportation. His main current research project is concerned with the development of a dynamic model of activity-travel behaviour. He is Co-Chair of the International Association of Travel Behaviour Research.

**Bert van Wee** is Professor of Transport Policy at Delft University of Technology, the Netherlands, in the Faculty of Technology, Policy and Management. In addition he is scientific director of TRAIL research school. His main interests are in long-term developments in transport, in particular in the areas of accessibility, land-use transport interaction, (evaluation of) large infrastructure projects, the environment, safety, policy analyses and ethics. He gained his PhD in Economics and Econometrics at the University of Amsterdam, and his masters in Geography at Utrecht University. In 2014 the Transport Geography Specialty Group of the Association of American Geographers offered him the Edward L. Ullman Award.

**Ryan Wilson** is a registered Professional Engineer and member of the American Institute of Certified Planners. Ryan works currently at the Minnesota Department of Transportation, Metro District Transit Section, as a Transit Corridor Engineer focused on the region's light rail transit system. He previously served as project manager for the Minnesota 20-year State Highway Investment Plan 2013 update. He has worked at MnDOT in the areas of highway planning, investment analysis, construction, and design and has prior experience in research and construction. Ryan holds a Master of Science in Civil Engineering and Master of Urban and Regional Planning from the University of Minnesota, Twin Cities as well as a Bachelor of Science in Civil Engineering from the University of Wisconsin, Madison.

**Dujuan Yang** is a PhD Candidate in the Urban Planning Group, Department of the Built Environment, Eindhoven University of Technology. She received her MSc from Harbin Institute of Technology, China. Her PhD is concerned with a model of energy consumption related to activity-travel patterns and consumer response to increasing energy prices. Her publications have appeared in *Transportation*, *Journal of Transport Geography* and *Transportation Research Record*.

