

CONTRIBUTOR BIOGRAPHIES

Fred Affleck has had wide experience in many areas of transport (rail, ports and port access, roads and road transport, urban public transport and aviation) in business, government, academia and consulting. His principal areas of focus have been policy analysis, strategic management, corporate governance and corporate public affairs. In the past he has had a number of governance roles including Chair of the Freight and Logistics Council of Western Australia (2010–16), Deputy Chair of the Fremantle Port Authority (2011–14), Chair of the Midland Redevelopment Authority (2004–12), Chair of the Fremantle Port Operations Task Force (2008–10), Commissioner on the National Transport Commission (2006–8) and Chair of WA’s Strategic Grain Network Review (2009). He was the founding Professor of Transport Studies in PATREC at Murdoch University (2003–5) and Curtin University (2005–7). For sixteen years he held senior executive positions in two major Australian rail organisations: the National Rail Corporation Ltd (1992–2000) and the Australian National Railways Commission (1984–92). Dr Affleck is currently Chair of the Advisory Board for the Planning and Transport Research Centre and President of Arts Margaret River Inc. He is also an Adjunct Professor at The University of Western Australia, Curtin University and Edith Cowan University.

Mariana Atkins is a researcher and PhD candidate at the School of Earth and Environment, University of Western Australia. Her research focusses on the geography of ageing and the challenges of ageing-in-place within sprawling, low-density, car-dependent cities. She examines how intergenerational planning can create cities of inclusion and connection. Mariana has extensive research and planning experience in developed and developing countries. She has a Master’s degree in Social Policy and Planning from the London School of Economics and a Bachelor’s degree in Geography from University College London. Mariana is a Fellow of the Royal Geographic Society.

Courtney Babb’s work focusses on the social sustainability of cities, urban mobility and accessibility and issues of governance in urban planning. He has published work on a range of transport-related

topics, including children's travel and wellbeing; land-use and transport integration; urban policy integration; evaluation tools for active travel and physical activity; and the development of a framework categorising a comprehensive range of Travel Demand Management instruments. Courtney has worked with the Planning and Transport Research Centre (PATREC), looking at the integration of land use and transport planning in urban environments, and also with GAMUT (Australian Centre for the Governance and Management of Urban Transport), investigating barriers to the implementation of integrated transport and land-use policy. Dr Babb currently lectures in the Department of Planning and Geography at Curtin University, teaching units in transport and land-use integration, participatory governance in planning and research design and methodologies for urban planning.

Sharon Biermann has led the research and management of integrated planning and water projects; computer-based spatial information and knowledge support for integrated urban and regional planning (planning support systems); integrated land-use and infrastructure planning and modelling; and advised on urban form for sustainable cities and regions. Dr Biermann moved to Australia in 2009 from South Africa, where she had worked with the Council for Scientific and Industrial Research (CSIR) managing a range of multi-disciplinary planning and development projects. Prior, Dr Biermann was Chief Professional Officer – Land Use Planning at the Metropolitan Planning Department at the Johannesburg City Council, where she played a lead role in the production of an integrated land-use and transportation framework for the city. Moving to Queensland, Dr Biermann took up a managerial role with the South East Queensland Urban Water Security Research Alliance to help address the drought crisis, also leading the Water Smart Cities project. Dr Biermann took up her current position as Professor and Director of the Planning and Transportation Research Centre (PATREC), based at The University of Western Australia, in 2012.

Fiona Bull is Director of the Centre for Built Environment and Health based at The University of Western Australia and is President of the International Society for Physical Activity and Health. Fiona's research interests are focussed on promoting healthy, active living and the prevention of chronic disease. She has led national and international studies on measurement and global monitoring of physical activity, understanding the individual, social and environmental determinants of

physical activity and testing policy and program interventions. She leads the last four years of the RESIDE study in Western Australia testing the state planning policy on Liveable Neighbourhood. Fiona has a strong focus on applied research and making sure new knowledge is translated into practical solutions and policy. Professor Bull works closely with many national governments as well as the World Health Organisation and non-government partners to ensure the benefits of good urban planning inform current practice and global health agendas. To date, Professor Bull has over 160 scientific publications, book chapters and reports, research funding of over \$20 million and, in 2014, her contribution to research and policy was recognised with an MBE.

Carey Curtis' research interests lie in land-use and transport planning, with a focus on city form and structure; transit-oriented development; personal travel behaviour; accessibility planning; institutional barriers to sustainable transport; and governance and transport policy. She has won five Australian Research Council research grants and played key leadership roles in major international research centres. Professor Curtis served as a commissioner on the Western Australian Planning Commission for seven years (2003–2010) and played a key role in the state government planning initiative 'Dialogue with the City', developing the Network City Spatial Planning Framework for metropolitan Perth. Carey Curtis has worked at Curtin University since 1996 and is now Professor of City Planning and Transport and the Director of Curtin University's research network Urbanet and is a MORE Research Fellow (Marie Curie Fellowship) at the University of Gothenburg, Sweden.

Amanda Davies researches population demographics and migration and rural, periurban and coastal development issues. Her work has been concerned with regional and rural change, adaptation and socioeconomic viability. Dr Davies' research has examined the role of local leadership, volunteering and social innovation in promoting sustainable adaptation in rural societies. Dr Davies is currently a senior lecturer in the Department of Planning and Geography, School of Built Environment, at Curtin University.

Anthony Duckworth-Smith has qualifications and experience in the fields of civil engineering, architecture and transport planning. He has worked in both public and private sectors in Western Australia and internationally. Dr Duckworth-Smith's interests focus on the urban intensification of

sprawled cities, having recently concentrated on the design of different housing types and their residential environments along road and rail transit 'activity' corridors in Perth. Suburban subdivision policy and practices for urban infill has also been the subject of his published work. He has been a teacher, practitioner and researcher at the Australian Urban Design Research Centre in Perth, Western Australia, since 2011.

Ryan Falconer has worked in Australia, New Zealand, China, the US and Canada as a consultant transport planner and geographer. Ryan has published more than twenty-five peer-reviewed papers and book chapters and received industry awards from the Australian Institute of Transport Planning and Management, the Planning Institute of Australia, the Chartered Institute of Logistics and Transport, the West Australian Department of Transport and Consult Australia. Ryan is a member of the Toronto Region Board of Trade's Infrastructure Committee and the Urban Land Institute's Autonomous Vehicles Working Group. He currently leads Arup's Transportation Consulting business in Canada.

Cath Ferguson is a teacher and researcher with an interest in behaviour change. She has published on a range of topics including youth suicide prevention and the Theory of Planned Behaviour in relation to traffic behaviours such as speeding, drink driving and driving tired. Dr Ferguson is currently a Senior Research Officer in the School of Education at Edith Cowan University, Joondalup and teaches in a postgraduate research unit.

Marion Fulker has worked in a range of advocacy and leadership roles in Western Australia with organisations such as the Urban Development Institute of Australia (WA), Heritage Council of Western Australia, Committee for Perth Ltd and Chair of the Conservation and Parks Commission. She is the inaugural CEO of the Committee for Perth, which focusses on the reshaping, reforming and revitalisation of Perth. The committee undertakes research and supports and proposes solutions in order to maintain the region's high levels of liveability and increase its global competitiveness. Marion is a self-confessed lover of cities and is an Adjunct Senior Research Fellow at The University of Western Australia. In 2015, Marion was named one of Australia's 100 Women of Influence, with government and the media regularly seeking her opinions on Perth's future.

Fiona Haslam McKenzie has extensive experience in population and socioeconomic change; housing and workforce mobility; regional economic development and governance; and analysis of remote, regional and urban socioeconomic indicators. She has published widely and undertaken work for the corporate and small business sectors both in Western Australia and nationally as well as conducting work for all three tiers of government. From 2012 to 2015 Fiona was appointed Principal Research Leader of the 'Regional Economies – Enduring Community Value from Mining' program for the Co-operative Research Centre for Remote Economic Participation (CRC-REP), after which she became co-director of the Centre for Regional Development at The University of Western Australia. Professor Haslam McKenzie is currently researching the socioeconomic impact of different workforce arrangements for the mining industry and uneven economic development in Western Australia, focussing on the key issues of competitiveness, resilience and spatial integration.

Tim Hoffman has worked in the freight and logistics public and private sectors for twenty-five years. He has specialist insight into rail freight operational and commercial strategy; rail infrastructure planning and policy; grain industry logistics; intermodal freight service development; regional primary industry export chains; minerals supply chain analysis; infrastructure asset transactions; and also competition policy and access issues. Based in Perth, Tim offers consultancy services nationally.

Roy Jones is an Emeritus Professor of Geography at Curtin University where he worked from his arrival in Australia from the UK in 1970 until his retirement in 2012. He spent a year on secondment to the Department of Territories and Local Government in Canberra and has been a visiting Lecturer/Fellow/Professor at the Universities of Bristol and Plymouth in the UK and Carleton, Queens (Kingston) and British Columbia in Canada. He was Human Geography Editor of *Geographical Research: Journal of the Institute of Australian Geographers* from 2000 to 2009 and is a member of the Steering Committee of the International Geographical Union's Commission for the Sustainability of Rural Systems. As an historical geographer, Roy has an interest in how and why places change and the impacts of such change on their populations and environments. More recently, he has worked specifically in the areas of tourism and leisure, with a particular focus on heritage and cultural issues. Much of his early work, including his secondment to the federal government in Canberra focussed on aspects of regional disadvantage.

Tod Jones is a geographer working in the research field of cultural policy studies, with a focus on heritage and tourism and utilising approaches from human geography, cultural theory and planning. Tod has a special research interest in Indonesian heritage and cultural policy, where he continues to work with a network of collaborators. In addition, Tod has worked with a diverse range of government and Aboriginal organisations in Western Australia on cultural and planning issues. Recently, he and Len Collard worked, with the guidance of Indigenous leaders, to develop Aboriginal heritage maps for the City of Perth. Tod is a Senior Lecturer at Curtin University in the Department of Planning and Geography, School of Built Environment.

Paul J. Maginn is a geographer/planner educated in Northern Ireland (University of Ulster and Queen's University of Belfast) and London (South Bank University). He held posts at Edith Cowan University in Perth and the University of South Australia before moving to The University of Western Australia in 2007. His research interests include geographies and regulation of the sex industry; strategic planning and planning reform in Australia; social and cultural meanings of suburbia; and gender and cultural representation in local government. Dr Maginn is presently program coordinator of the Masters of Urban and Regional Planning program within the School of Earth and the Environment at The University of Western Australia.

Kirsten Martinus' work focusses on metropolitan and regional urban planning and economic development; social capital, network economies and innovation systems; and globalisation and world systems. She has published extensively on the development of Western Australia both from a global geopolitical perspective as well as on the specific urban and economic processes shaping the social economy of Perth, such as commuting. Dr Martinus is a research fellow and teaches in the School of Earth and Environment and the Centre for Regional Development at The University of Western Australia.

Gary McCarney is a civil engineer specialising in traffic engineering, transport modelling and land-use planning, with a career spanning over thirty-five years. He has worked throughout Australia, the UK and New Zealand within major engineering consultancies and local and state governments. His last fourteen years were with the Department of Planning in Perth. He is principal author of the Western

Australian Planning Commission's Transport Assessment Guidelines for Developments. He is currently an Honorary Research Fellow at PATREC. Gary is a keen cyclist and has managed to survive in Perth for over fourteen years without a car, an achievement he rates as, whilst not necessarily his greatest, certainly one of his most challenging.

Don McFarlane has over thirty years' experience in water and natural resource research and management. His main work areas have been in hydrogeology, remote sensing, urban hydrology, climate change impacts on water yields, wastewater reuse, dryland salinity and water resource assessment. Dr McFarlane played leading roles in the South West Sustainable Yield Project, the Pilbara Water Resource Assessment, the Kwinana Managed Aquifer Recharge project and both the Land Monitor and Urban Monitor projects. He managed state water policy, planning, water science and licensing in precursor agencies to the Department of Water. In the early 2000s he helped Perth adjust to markedly reduced runoff into water supply dams. Between 2004 and 2016 he led water resource research in CSIRO's Floreat Laboratories and received the CSIRO Medal for his research. He is currently working as a consultant to industry and is an Adjunct Professor in the School of Earth and Environment at The University of Western Australia.

Paul McLeod's expertise is in business economics, resource economics and public policy. His research and consulting work has spanned economic impact analysis, cost benefit analysis, hedonic price analysis, policy evaluation, resource management economics and industry analysis. Paul had a long and successful career at The University of Western Australia where he held a number of senior roles including, Dean, Faculty of Economics and Commerce; Head, Department of Economics; Executive Dean, Faculties of Education, Economics and Commerce and Law; and Dean of The University of Western Australia Business School. Paul has been a Director of Economic Research Associates since 1988. In that role he has provided applied economic analysis to government and industry on a wide range of major planning and development projects in Western Australia. He is a member of the economics panel of the Economic Regulation Authority.

Lynn Meuleners is a road safety epidemiologist, who has been publishing injury and road safety research for over fourteen years. In particular, her focus has been on data linkage; older drivers and vision and eye disease

in relation to driving; evaluation of road treatments and infrastructure; and driver fatigue and heavy vehicle safety and injury surveillance. Professor Meuleners has developed an extensive collaborative network with policy makers, researchers and practitioners in road safety and injury (Main Roads WA, WA Police, the Road Safety Commission, WA Local Government Association and the Injury Control Council of Australia). She is currently Director of the Curtin Monash Accident Research Centre (C-MARC).

Peter Newman's work centres around sustainable cities, with a focus on their transport and land-use development. Publishing eighteen books and 300 papers for his peers and the wider public, Peter is a leading academic and author. Peter was a local government councillor, in 2001 to 2003 he directed the production of Western Australia's Sustainability Strategy and from 2010 to 2014 was on the Board of Infrastructure Australia. In 2004 and 2005 he was a sustainability commissioner in Sydney advising the government on planning and transport issues, in 2006 and 2007 he was a Fulbright Senior Scholar at the University of Virginia Charlottesville and was a lead author for Transport on the IPCC 2012–15. In 2014 he was awarded an Order of Australia for his contributions to urban design and sustainable transport, particularly related to the saving and rebuilding of Perth's rail system. Dr Newman is now the Professor of Sustainability in the Curtin University Sustainability Policy Institute (CUSP).

Doina Olaru is a full time academic in Management and Organisations at The University of Western Australia Business School and is involved in both teaching and research. A railway transport engineer by background, Doina's research covers a wide range of interests around networks and methodologies, developed over 25 years of experience in industry (National State Railways, Romania), research (CSIRO) and academia (Romania and Australia). She is interested in the relationships between planning and mobility, namely how to create urban spaces that are well serviced by transport and enhance human interactions. Dr Olaru is concerned with the environmental and social effects of transport activities and how modelling of transport networks can help us better understand business network models.

Valerià Paül, born in Barcelona, is a geographer and planner who is interested in regional planning; landscapes; protected areas, especially in periurban locations; food and rural studies; cultural, historical

and political geography; and tourism. He has worked internationally, including time spent in Australia to study land-use conflict and sustainability of the periurban fringe of Perth, as well as the emerging alternative food networks linking rural and periurban producers with urban 'eaters'. Professor Paül teaches in the Faculty of Geography and History at the University of Santiago de Compostela.

Natasha Pauli is an environmental geographer with special interest in biodiversity; soil quality and agroecosystem function; ecosystem services in mosaic landscapes; interactions between natural and social systems in environmental management and planning; and ecology and biogeography of soil and litter invertebrates. She has worked previously as the Conservation Policy Program Manager at the Zoological Society of London, as a Scientific Advisor to the Global Legislators Organisation for a Balanced Environment (GLOBE) in the UK, for the Department of Water in Western Australia and also in environmental science consulting. Dr Pauli is currently a lecturer with the School of Earth and the Environment at The University of Western Australia, teaching environmental policy, planning and management.

Tim Perkins has over thirty years' experience researching and teaching geography, urban design, regional planning and geographical information systems. He is currently Program Director within the Centre for Planning in the School of Business and Law at Edith Cowan University. His research areas cover planning education, travel behaviour and sustainable built environments.

Emmerson Richardson has worked as a transport planner and traffic engineer in London, Melbourne and Perth. Previously a Director of Metropolitan Strategy with the WA Department of Transport, he played a prominent role in the development of the Perth Metropolitan Transport Strategy, the Perth Parking Strategy, the Perth Walking Strategy and the Perth TravelSmart Demand Management Strategy. In recent years he has been working on methods to make travel more sustainable through cycling. Emmerson is now a senior transport planner with Jacobs (SKM) in Perth, where he provides strategic transport planning and investment advice to governments and industry. He is also Adjunct Associate Professor of Transport Studies at Curtin University.

Brett Smith is a transport academic with specialisms in modelling logistics systems, decision making in uncertain environments, probability and statistics, experimental design and discrete choice modelling. In 2011, Brett's PhD dissertation won him the Eric Pas Dissertation Prize from the International Association for Travel Behaviour Research (IATBR) as well as The University of Western Australia Business School's BHP Billiton PhD prize. His work blending discrete choice estimates and microeconomics has since found application in a range of fields. In a former life, Dr Smith taught secondary maths and physical education, grounding him with practical experience and skills he now uses to deliver courses in project management into the MBA program at The University of Western Australia Business School.

Yuchao 'Chao' Sun's expertise is in traffic/transport modelling and supply chain simulation. He has also applied artificial intelligence and evolutionary computing techniques to solve modelling and urban planning problems. During his PhD, he developed an application to automatically design urban layouts without human interference. Chao is currently a Research Fellow with PATREC, specialising in transport modelling, data analysis and future transport technologies for the centre.