

Queensland Centre for Population Research

2018 ANNUAL REPORT

March 2018

Table of Contents

Message from the Director of the Centre	3
Strategic Overview of the Centre Research Activities	4
Centre Membership in 2018	5
The Centre's members.....	5
National and International Visitors	6
Our Students – Research Degrees awarded and in progress in 2018.....	7
Awarded in 2017	7
Commencing in 2017-8.....	8
Continuing in 2017-8.....	9
Completion in 2018	12
Research Grants and Contracts in 2018	13
Research Income	13
Major Partners and Linkages in 2018.....	16
Research Publications from 2017.....	18
Awards and Prizes in 2018.....	24
Community and Professional Activities in 2018	25
Contact Details	26

Queensland Centre for Population Research

Message from the Director of the Centre

First established in 2001, the Queensland Centre for Population Research (QCPR) is supported by the School of Earth and Environmental Sciences (SEES) operating as a school-level centre. QCPR thanks the School, Faculty of Science and Vice Chancellor's Strategic Research Fund for ongoing support allied with the significant backing of the Queensland Government Statistician's Office. This report provides a concise summary of Centre activities during the period 2017 to March, 2018.

Objectives

QCPR was established to:

- provide a focus for pure and applied research on population-related issues, particularly those relating to Queensland, but also encompassing issues of national and international significance;
- develop and enhance the provision of training in demographic methods and the analysis of population-related issues, within and beyond UQ;
- promote and advance understanding of population dynamics, their origins, processes and implications throughout academia, governments, and the community; and
- serve as a focal point for demographic research at the University of Queensland.

Performance Metrics

- Staff: In 2017/18 there were 5 SEES T&R staff directly associated with the Centre (we count only direct contributors, not distant affiliates); plus 3 fulltime research staff research (fellows, postdocs and research officers); plus 12 part-time RAs.
- RHD Students: Centre staff were involved in supervision of 33 research higher degree students.
- Active Research Grants: Staff directly associated with the Centre were CIs on 19 active research grants with a total (during the reporting period) value of \$1,649,258.
- Publications: staff and students associated with the Centre were authors on a total of 72 refereed outputs published during the reporting period or accepted for publication by 16/3/2018.
- Contributions to teaching: During 2017-18 two research staff of the Centre contributed substantially to teaching in demography and population geography in GEOG2205 and GEOG3205.
- Engagement: Centre staff served in key roles on professional bodies in the field and made frequent contributions to public debate with expert commentary on population and planning issues in print and electronic media Australia-wide.

Strategic Overview of the Centre Research Activities

Substantive focus

The primary goal was to establish UQ as an internationally-recognised leader in population-related research. From inception QCPR sought to achieve this by focusing on two principal domains:

- the development of population projection and forecasting techniques and models, and
- the analysis of internal migration and population mobility

Over the past eight years, the Centre has expanded the scope of its work to encompass spatial analysis of demographic data, and has adopted a global focus in partnership with leading centres of expertise in Australia, Europe and North America. QCPR undertakes research on a range of population topics including local and regional population dynamics, fertility, household demography, ageing and population estimates. A diagnostic feature of QCPR work is its focus on quantitative modelling.

Developments 2017-2018

Key developments in QCPR during 2017-18 were:

- With the success of a strategic funding request (Transport and Population Research Network - TPRN) in 2016 in collaboration with colleagues from EAIT, BEL and ITEE, QCPR receives financial support from 2017 for a period of 5 years. This funding support from SEES, Science and the TPRN forms part of a leverage arrangement linked to the Centre's Collaborative Research Agreement with Queensland Treasury.
- Successful delivery on a range of existing competitive grants (ARC Discovery, DECRA, LIEF, Linkage)
- New staff appointments at postdoctoral fellow and research associate level.
- New (Level B) research fellow (Dr Pia Wohland) to commence in April 2018 on a 4 year position strengthening our demographic capacity and extending the Centre's influence into the health space. Dr Pohland will also facilitate deeper collaboration with the TPRN
- Thematized centre research activities under 4 areas: (1) Demographic analysis and forecasting; (2) Internal and International migration; (3) Urban regional spaces and flows; (4) Economic Change and Globalisation and appointed theme leaders.
- Developed a QCPR website (<https://qcpr.com.au/>) to showcase centre people, projects and publications.

In sum, QCPR has tracked strongly across all areas displaying excellent growth in outputs and international linkages.

Centre Membership in 2018

The Centre's members

Academic, General and Research Staff, and conjoint, adjunct or honorary members specifically appointed to or affiliated with this centre.

Title	First Name	Last Name	School/Centre/Institute
Em/Prof	Martin	Bell	SEES, Queensland Centre for Population Research
Dr	Aude	Bernard	SEES, Queensland Centre for Population Research
Dr	Elin	Charles-Edwards	SEES, Queensland Centre for Population Research
Dr	Iraphne	Childs	SEES, Queensland Centre for Population Research
Mr	Jim	Cooper	SEES, Queensland Centre for Population Research
Prof	Jonathan	Corcoran	SEES, Queensland Centre for Population Research
Dr	Kiran	KC	SEES, Queensland Centre for Population Research
Dr	Yan	Liu	SEES, Queensland Centre for Population Research
Dr	Karen	McNamara	SEES, Queensland Centre for Population Research
Dr	Radoslaw	Panczak	SEES, Queensland Centre for Population Research
Dr	Thomas	Sigler	SEES, Queensland Centre for Population Research

National and International Visitors

Title	First Name	Last Name	Appointment	Place and Name of Institution	Reason for Visit	Duration	Dates
A/Prof	Rebecca	Wickes	Associate Professor	Monash University	ARC DP collaboration	1 week	January 2017
Dr	Xiong	He	Associate Professor	Zhongnan University of Economics and Law, Wuhan, Hubei Province, P. R. China.	Visiting scholar	12 months	December 2016 to December 2017
Dr	Petr	Matous	Senior Lecturer	The University of Sydney	Collaborative discussions; Seminar	2 days	23-24 October 2017
Dr	Yuhong	Shan	Associate Professor	Huazhong Agricultural University, Wuhan, Hubei Province, P. R. China	Visiting scholar	16 months	December 2016 to April 2018
Dr	Bin	Xie	Assistant Professor	Hangzhou Normal University, Hangzhou, P. R. China.	Visiting scholar	8 months	December 2016 to August 2017
Prof	Guy	Abel	Professor	Asian Demographic Research Institute, Shanghai University	Workshop for ARC LP160100305	1 week	19-23 February 2018
Prof	Michael	Batty	Professor	Centre for Advanced Spatial Analysis & University College London	ARC Research collaboration	3 weeks	June 2017
Prof	Ben	Derudder	Professor	Ghent University	Collaborative visit	4 days	11-14 July 2017
Prof	Matthew	Zook	Professor	University of Kentucky	Seminar	4 days	11-14 July 2017

Our Students – Research Degrees awarded and in progress in 2018

Awarded in 2017

Name of Student	Topic	PhD / MPhil	1 st Year	Name of University, Institution / School	Principal or Joint Advisor	Associate Advisors
Alvin Chandra	Climate-Smart Agriculture in Practice: Insights from smallholder farmers, Timor-Leste and the Philippines, Southeast Asia	PhD	2014	UQ, SEES	Karen McNamara Paul Dargusch	
Kiran KC	Enhancing Emergency Fire Service Delivery Response – a Geostrategic Approach	PhD	2013	UQ, SEES	Jonathan Corcoran	Angela Higginson
Michelle Sydes	The Immigration-Crime Myth: Exploring the Impact of Immigration on Neighbourhood Violence	PhD	2013	UQ, School of Social Science	Rebecca Wickes	Jonathan Corcoran Renee Zahnow Angela Higginson
Trung Tran	Understanding Long-term Livelihood Resilience of Resettled Ethnic Groups in the Yali Falls Dam Basin, Central Highlands of Vietnam	PhD	2013	UQ, SEES	Karen McNamara Bradd Witt	Bob Beeton
Agung Wahyudi	Modelling urban growth: Integrating both physical and human dimensions in developing world context	PhD	2012	UQ, SEES	Yan Liu	Jonathan Corcoran
Amirul Zolkafli	Evaluating Participatory GIS toward Effective Public Participation for Land Use Planning in Malaysia	PhD	2012	UQ, SEES	Yan Liu	

Commencing in 2017-8

Name of Student	Topic	PhD / MPhil	FT / PT	Name of University, Institution and School	Principal or Joint Advisor	Associate Advisors
Christopher McEwan	Investigating the social and political effects of climate change on historical societies	PhD	FT	UQ, SEES	Elin Charles-Edwards	Prof Karen Hussey Prof Ian Lilley
Mengyuan Jia	A Comparative Study on the Spatial Diversity of Urban Forms of Mega-cities: Evaluation of Urban Form Diversity of Mega-cities	PhD	FT	UQ, SEES	Yan Liu	Mengyuan Jia
Robert Sobyra	The Place of Tourism in Australia's Asian-oriented Service Economy	PhD	FT	UQ, SEES	Thomas Sigler	Elin Charles-Edwards
Rosabella Borsellino	The Shifting Geographies of Migration in Australia	PhD	FT	UQ, SEES	Elin Charles-Edwards	Aude Bernard Jonathan Corcoran
Sirat Mahmuda	The Sharing Economy and its Geographical Implications	PhD	FT	UQ, SEES	Thomas Sigler	Jonathan Corcoran
Sunganani Kalenna	Understanding the Long-Term Decline of Internal Migration	PhD	FT	UQ, SEES	Aude Bernard	Elin Charles-Edwards Jonathan Corcoran

Continuing in 2017-8

Name of Student	Topic	PhD / MPhil	FT / PT	1 st Year	Name of University, Institution and School	Principal or Joint Advisor	Associate Advisors
Annah Piggott-McKellar	A review of community-based climate change adaptation projects in the Asia-Pacific region	PhD	FT	2016	UQ	Karen McNamara	Patrick Nunn James Watson
Anurodh Khanal	The Role of Walking towards Achieving a Disaster Resilient Community	PhD	FT	2015	UQ, SEES	Elin Charles-Edwards	Jonathan Corcoran
Ayodeji Adeniyi	Changing Assumptions in the Contemporary Housing Market	PhD	FT	2016	UQ, SEES	Thomas Sigler	
Gillian Cornish	The role of informal housing and livelihoods for households in urban areas after rural migration	PhD	PT	2015	UQ	Sonia Roitman	Karen McNamara
Guy Jackson	Global change and environmental hazards as disturbances in food systems: case studies from the Southwest Pacific	PhD	FT	2017	UQ	Karen McNamara Bradd Witt	
Ingrid Baker	Land-use, Climate Change and Biodiversity Loss: a Critical Analysis of Divergent and Competing Land-use Planning Frames	PhD	PT	2013	UQ	Karen McNamara	Ann Peterson Clive McAlpine
Jasmine Pearson	Pacific Islander knowledge and attitudes towards environmental changes: Exploring human-mangrove interactions on western Vanua Levu, Fiji	PhD	FT	2016	UQ	Karen McNamara	Patrick Nunn
Jason Hilder	Intentional Communal Living Arrangements: Sustainable, affordable, social additions to the contemporary Australian housing landscape	PhD	FT	2014	UQ, SEES	Elin Charles-Edwards	Thomas Sigler E Bill Metcalf

Name of Student	Topic	PhD / MPhil	FT / PT	1st Year	Name of University, Institution and School	Principal or Joint Advisor	Associate Advisors
Jason Hilder	Intentional Communal Living Arrangements: Sustainable, affordable, social additions to the contemporary Australian housing landscape	PhD	FT	2015	UQ, SEES	Thomas Sigler	
Jeff Humpheys	Land Use and Development in Queensland's Glasshouse Corridor	MPhil	PT	2015	UQ, SEES	Thomas Sigler	
Jillian Ash	Social impact assessment, social justice and scales of knowledge: exploring the emerging mining industry in Solomon Islands	PhD (submitted)	FT	2013	UQ	Kristen Lyons (principal)	Karen McNamara Simon Albert
Kirsty Chessher-Brown	A Compact Liveable City through Urban Regeneration: an Emerging Reality in Brisbane?	PHD	PT	2015	UQ, SEES	Elin Charles-Edwards	Sebastien Darchen
Long Chen	Rural development under contemporary China's land use policy: the Link Policy	PhD	FT	2014	UQ, SEES	Yan Liu	
Ming Wei	Impact of high-speed rails in China	PhD	FT	2014	UQ, SEES	Jonathan Corcoran	Thomas Sigler Yan Liu
Nayef Alghais	Modelling of Urban Development and Future Urban Growth Impacts on Traffic Congestion and Housing Shortages in Kuwait	PhD	FT	2015	UQ, SEES	Elin Charles-Edwards David Pullar	
Nicole Garofano	Municipal Solid Waste (MSW) in small island developing states (SIDS): How can recycling rates be improved using a holistic approach to deliver beneficial social, economic and environmental outcomes?	PhD	FT	2016	UQ	Karen McNamara	Kelly Fielding
Paul Evans	The Geopolitics of Climate Change Adaptation in Small Island Developing States (SIDS)	PhD	FT	2015	UQ	Karen McNamara , Carol Farbotko (joint principal)	

Name of Student	Topic	PhD / MPhil	FT / PT	1st Year	Name of University, Institution and School	Principal or Joint Advisor	Associate Advisors
Rachel Gallagher	Land use and parcel scale amalgamation in Brisbane	MPhil	PT	2017	UQ, SEES	Thomas Sigler	
Sarah de Vries	Embedding participatory approaches	PhD	PT	2013	UQ	Karen Hussey	Karen McNamara
Yasa Belmar	Water Security and Transformation in Small Island Developing States	PhD	FT (on leave at present)	2014	UQ	Karen McNamara	Shahar Hameiri

Completion in 2018

Name of Student	Topic	PhD / MPhil	FT / PT	Name of University, Institution and School	Principal or Joint Advisor	Associate Advisors
Siqin Wang	Spatial Evolution and Settlement Pathways of Mainland China-born Migrants in Australia	PhD	FT	UQ, SEES	Yan Liu	Thomas Sigler Jonathan Corcoran

Research Grants and Contracts in 2018

Research Income

Amount (\$) received in 2017-8	Title	Type of Funding and Organisation / Company	Names of recipients or chief investigators	UQ Admin Unit
7,000	Ageing well: Place, belonging, and well-being of older Chinese in Australia and China	Academy of the Social Sciences in Australia (ASSA)	Shuang Liu Yan Liu	School of Communication and Arts
34,600	Assessing climate change vulnerability and adaptation in the Maldives	United Nations Development Programme	Karen McNamara	SEES
65,600	Building students' spatial skills through a sequential technology-enabled curriculum design towards work-ready planners	UQ T&L Grant	Yan Liu D Mateo-Babiano Sebastian Darchen	SEES
130,000	Collaborative Research Program	Queensland Treasury Office of Economic and Statistical Research & UQ (2016-2021)	Jonathan Corcoran	SEES
14,922	Cured or condemned? Surviving mild stroke with unrecognised and untreated deficits	UQ CIEF	E Finch J.Fleming M Foster L Worrall T Cruwys P Aitken Jonathan Corcoran Yan Liu	
80,000	Improved offsets for koala conservation	QLD Gov't Community Sustainability Action Grants Round 1 – Koala Research	Jonathan Rhodes Martine Maron Yan Liu H Beyer S Iftekhar	SEES
214,000	LP160100305: Estimating Temporary Populations	ARC	Elin Charles-Edwards Jonathan Corcoran	SEES

Amount (\$) received in 2017-8	Title	Type of Funding and Organisation / Company	Names of recipients or chief investigators	UQ Admin Unit
5,720	Maternity Funding (Advance Queensland Women's Academic Fund)	Queensland Government	Karen McNamara	SEES
308,000	New approaches to modelling human-environment interactions for sustainable coastal city development: spatial complexity, cellular automata and agent based models	ARC-DP	Yan Liu G Searle Y J Feng Michael Batty	SEES
180,098	Optimising community-based climate change adaptation in the Pacific Islands	ARC Linkage	Karen McNamara Patrick Nunn James Watson	SEES
120,000	Pacific Health Governance: Knowledge Translation for Implementing the UN Sustainable Development Goals	UQ Global Change Institute	Owain Williams Nina Hall Matt McDonald Mark Moran Karen McNamara Karen Hussey Jodi Curth-Bibb	School of Public Health
103,945	Physical and socio-structural barriers and facilitators of neighbourhood networks and cohesion	ARC Discovery Project (2014-2017)	Jonathan Corcoran R Wickes J Hipp	SEES
57,500	Reclaiming lost ground: Transitions of mobility and parking.	ARC Linkage project (2016-2019)	Jonathan Corcoran Dorina Pojani I Mateo-Babiano Neil Sipe D Stead	SEES
18,757	Science with Impact Fund	Faculty of Science, UQ	Karen McNamara	SEES

Amount (\$) received in 2017-8	Title	Type of Funding and Organisation / Company	Names of recipients or chief investigators	UQ Admin Unit
20,042	So what do you do? Graduates in the Creative and Cultural Industries.	ARC Discovery Project (2015-2018)	J Webb S Brook Jonathan Corcoran R Comunian Alessandra Faggian P Lewis	University of Canberra
8,000	The Geographical Extent of Home-Sharing in Australia	Research Collaboration, The University of Sydney	Thomas Sigler	SEES
222,074	The globalisation of the resources sector(s) in Australian cities	ARC Discovery	Matthew Tonts Ben Derudder Thomas Sigler Kirsten Martinus Glen Searle	SEES
54,000	The role of spatial planning towards better resilience to hydro-meteorological hazard. Case study: Coast area of Semarang City	Ministry of Research, Technology, and High Education, Indonesia	I Buchori Mussadun A Sugiri David Wadley Yan Liu	
5,000	The Sharing Economy and its Geographical Impacts	Research Collaboration The University of Sydney	Thomas Sigler	SEES

Major Partners and Linkages in 2018

(List major research partnerships, such as closely linked National and International co-investigators on grants, co-authors on publications, commercial/funding partnerships, inbound/outbound visiting partners)

Person	Company/Institute/Department	Linkage or Activity
Edward Dostine	Airtasker	Data sharing agreement for major corporation
-	Asian Demographic Research Institute, Shanghai University	Dr Aude Bernard appointed Adjunct Research Fellow in July 2017. Funded Dr Aude Bernard for a 5-day visit to ADRI and invited her to present two research seminars. ADRI has agreed to fund and host a 20 person workshop on internal migration in Asia in July 2018 in preparation for a book to be co-edited by QCPR and ADRI staff. ADRI committed \$100k to DP190100930 (Dr Bernard lead CI).
Yu Zhu Co	Asian Demographic Research Institute, Shanghai University	Co-authored a working paper and journal paper currently under review. PI on DP190100930.
Densie Carlton Beidar Cho Andrew Howe Tricia Chester	Australian Bureau of Statistics	ARC Linkage Project (LP160100305: Estimating Temporary Populations)
Hedda Ransan-Cooper	Australian National University	Grants, publications
Carol Farbotko	CSIRO	Grants, publications, supervision
-	East China Normal University	Participant in a NNSF project
-	Fuzhou University	Research Collaboration
Alessandra Faggian	GSSI, L'Aquila, Italy	ARC DP partner investigator
-	Huazhong Agricultural University	Participant in a NNSF project
Helen Adams	King's College London	Publications

Person	Company/Institute/Department	Linkage or Activity
-	OECD	Invited to and presented at the OECD 3rd Policy Forum "Strength through Diversity:" Learning from Data
-	Qld Department of Transport and Main Roads	ARC LP partner
-	Queensland Treasury Office of Economic and Statistical Research	Population and household forecasting
Prem Chhetri	RMIT	ARC collaborator and co-author
Scott Brook	RMIT	ARC DP CI investigator
John Hipp	UC Irvine, California, US	ARC DP partner investigator
-	UNESCO	Authored a background report on the links between education and migration in 57 countries for the UNESCO 2018 Global Education Monitoring Report
Fanny Thornton	University of Canberra	Grants, publications
Nishara Fernando	University of Colombo	Grants, projects, publications, supervision
Celia McMichael	University of Melbourne	Grants, publications
Fanny Thornton	University of Melbourne	Grants, publications
Patrick Nunn	University of Sunshine Coast	Projects, publications, supervision
-	Wuhan University	Participant in a NNSF project

Research Publications from 2017

Journal (peer reviewed)

Allgood L & **McNamara KE** 2017, 'Climate-induced migration: Exploring local perspectives in Kiribati', *Singapore Journal of Tropical Geography*, vol. 38, no. 3, pp. 370-385.

Balaji M & **Sigler T** 2018, 'Glocal Riddim: The Political Economy of Multi-Scalar Territorial Identity in Caribbean Music Videos', *Visual Communication*, vol. 17, no. 1, pp. 91-111.

Bernard, A 2017, 'Levels and Patterns of Internal Migration in Europe: A Cohort Perspective', *Population Studies*, vol. 71, no. 3, pp. 293-311.

Bernard, A 2017, 'Cohort Measures of Internal Migration: Understanding Long-Term Trends', *Demography*, vol. 54, no. 6, pp. 2201-2221.

Bernard, A, Forder, P, Kendig, H & Byles, J 2017, 'Residential Mobility in Australia and the United States: A Retrospective Study', *Australian Population Studies*, vol. 1, no. 1, pp. 41-54.

Bernard, A, Rowe, F, Bell, M, Ueffing P & **Charles-Edwards, E** 2017, 'Comparing Internal Migration across the Countries of Latin America: A Multidimensional Approach.' *PLOS ONE*, vol. 12, no. 3, e0173895.

Buchori, I, Sugiri, A, Mussadun, M, Wadley, D, **Liu, Y**, Pramitasari, A, Pamungkas, ITD 2017, 'A predictive model to assess spatial planning in addressing hydro-meteorological hazards: A case study of Semarang City, Indonesia', *International Journal of Disaster Risk Reduction*, vol. 27, pp. 415-426.

Chandra A, Dargusch P, **McNamara KE**, Caspe AM & Dalabajan D 2017, 'A study of climate-smart farming practices and climate-resiliency field schools in Mindanao, the Philippines', *World Development*, vol. 98, pp. 214-230.

Chandra A, **McNamara KE** & Dargusch P 2017, 'Climate-smart agriculture: perspectives and framings', *Climate Policy*, vol. 18, no. 4. Pp. 526-541.

Chandra A, **McNamara KE** & Dargusch P 2017, 'The relevance of political ecology perspectives for smallholder Climate-Smart Agriculture: a review', *Journal of Political Ecology*, vol. 24, no. 1, pp. 821-842.

Chandra A, **McNamara KE**, Dargusch P, Caspe AM and Dalabajan D 2017, 'Gendered vulnerabilities of smallholder farmers to climate change in conflict-prone areas: a case study from Mindanao, Philippines', *Journal of Rural Studies*, vol. 50, pp. 45-59.

Charrieras D, Darchen S & **Sigler T** 2018, 'The Shifting Spaces of Creativity in Hong Kong', *Cities*, vol. 74, pp. 134-141.

Cheshire, L, Fitzgerald, R & **Liu, Y** 2018, 'Neighbourhood change and neighbour relations: how gentrification and densification influence the prevalence of problems between neighbours', *Urban Studies* (accepted 10 Feb 2018).

Journal (peer reviewed)

Chhetri, A, Chhetri, P, Arrowsmith, C, & **Corcoran, J** 2017, 'Modelling tourism and hospitality employment clusters: a spatial econometric approach', *Tourism Geographies*, vol. 19, no. 3, pp. 398-424.

Corcoran, J & Tao, S 2017, 'Mapping spatial patterns of bus usage under varying local temperature conditions', *Journal of Maps*, vol. 13, no. 1, pp. 74-81.

Corcoran, J, Zahnow, R, & Assemi, B 2017, 'Wander: A Smartphone App for Sensing Sociability', *Applied Spatial Analysis and Policy*, doi: 10.1007/s12061-017-9228-4.

Corcoran, J, Zahnow, R, Wickes, R, & Hipp, J 2017, 'Neighbourhood land use features, collective efficacy and local civic actions', *Urban Studies*, doi: 10.1177/0042098017717212.

Deilami, K, Kamruzzaman, M & **Liu, Y** 2018, 'Urban heat island effect: A systematic review of spatio-temporal factors, data, methods and mitigation measures', *International Journal of Applied Earth Observation and Geoinformation*, vol. 67, pp. 30-42.

Feng, YJ, **Liu, Y** and Liu, Y 2017, 'Spatially explicit assessment of land ecological security with spatial variables and logistic regression modeling in Shanghai, China', *Stochastic Environmental Research and Risk Assessment*, vol. 31, no. 9, pp. 2235-2249.

Higgs, G, Zahnow, R, **Corcoran, J**, Langford, M, & Fry, R 2017, 'Modelling spatial access to General Practitioner surgeries: Does public transport availability matter?', *Journal of Transport & Health*, vol. 6, pp. 143-154.

Jackson G, **McNamara KE** & Witt B 2017, 'A framework for disaster vulnerability in a small island in the Southwest Pacific: A case study of Emae Island, Vanuatu', *International Journal of Disaster Risk Science*, vol. 8, no. 4, pp. 358-373.

Kim, J, **Corcoran, J**, & Papamanolis, M 2017, 'Route choice stickiness of public transport passengers: Measuring habitual bus ridership behaviour using smart card data', *Transportation Research Part C: Emerging Technologies*, vol. 83, pp. 146-164.

Kimpton, A, **Corcoran, J**, & Wickes, R 2017, 'Greenspace and crime: An analysis of greenspace types, neighboring composition, and the temporal dimensions of crime', *Journal of Research in Crime and Delinquency*, vol. 54, no. 3, pp. 303-337.

Kiran, KC, & **Corcoran, J** 2017, 'Modelling residential fire incident response times: A spatial analytic approach', *Applied Geography*, vol. 84, pp. 64-74.

Martinus K & **Sigler T** 2017, 'Cluster proximity in global city networks: Insights from the firm networks of Australia', *Regional Studies*, doi: 10.1080/00343404.2017.1314457.

McAlpine, C, Brearley, G, Rhodes, J, Bradley, AJ, Baxter, GS, Seabrook, L, Lunney, D, **Liu, Y**, Cottin, M, Smith, A & Timms, P 2017, 'Time-delayed influence of urban landscape change on the susceptibility of koalas to chlamydia', *Landscape Ecology*, vol. 32, no. 3, pp. 663-679.

Journal (peer reviewed)

McNamara KE & Buggy L 2017, 'Community-based climate change adaptation: A review of academic literature', *Local Environment: The International Journal of Justice and Sustainability*, vol. 22, no. 4, pp. 443-460.

McNamara KE & Farbotko C 2017, 'Resisting a 'doomed' fate: An analysis of the Pacific Climate Warriors', *Australian Geographer*, vol. 48, no. 1, pp. 17-26.

McNamara KE, Westoby R & Smithers SG 2017, 'Identification of limits and barriers to climate change adaptation: Case study of two islands in Torres Strait, Australia', *Geographical Research*, vol. 55, no. 4, pp. 438-455.

Pan, F, He, Z, **Sigler, T**, Martinus, K & Derudder, B 2018, 'How Chinese financial centers integrate into global financial center networks: An empirical study based on overseas expansion of Chinese financial service firms', *Chinese Geographical Science*. doi: 10.1007/s11769-017-0913-7.

Piggott-McKellar AE & **McNamara KE** 2017, 'Last Chance Tourism and the Great Barrier Reef', *Journal of Sustainable Tourism*, vol. 25, no. 3, pp. 397-415.

Pojani, D, Bakija, D, Shkreli, E, **Corcoran, J**, & Mateo-Babiano, I 2017, 'Do Northwestern and Southeastern Europe Share a Common Cycling Mindset? Comparative Analysis of Beliefs toward Cycling in the Netherlands and the Balkans', *European Journal of Transport & Infrastructure Research*, vol. 17, no. 1, pp. 25-45.

Rees, P, Bell, M, Kupiszewski, M, Kupiszewka, D, Ueffing P, **Bernard, A, Charles-Edwards, E** & Stillwell J 2017, 'The Impact of Internal Migration on Population Redistribution: An International Comparison', *Population Space and Place*, vol. 33, no. 2, pp. 123-46.

Rowe, F, **Corcoran, J**, & Bell, M 2017, 'The returns to migration and human capital accumulation pathways: non-metropolitan youth in the school-to-work transition', *The Annals of Regional Science*, vol. 59, no. 3, pp. 819-845.

Safra De Campos, R, Bell, M & **Charles-Edwards, E** 2017, 'Collecting and Analysing Data on Climate-related Local Mobility: the MISTIC Toolkit', *Population, Space and Place*, vol. 23, no. 6, doi: 10.1002/psp.2037.

Sigler, T & Martinus, K 2017, 'Urban positionality in a global system: economic linkages through the Australia-based corporate network', *Environment and Planning A*, vol. 49, no. 12, pp. 2916-2947.

Sigler, T, Searle, G & Martinus, K 2017, 'Industrial Location and Global Restructuring in Australian Cities', *Australian Geographer*, doi: 10.1080/00049182.2017.1385228

Tao, S, **Corcoran, J** & Mateo-Babiano, I 2017, 'Modelling loyalty and behavioural change intentions of busway passengers: A case study of Brisbane, Australia', *IATSS research*, vol. 41, no. 3, pp. 113-122.

Tao, S, **Corcoran, J**, Rowe, F & Hickman, M 2018, 'To travel or not to travel: "Weather" is the question. Modelling the effect of local weather conditions on bus ridership', *Transportation Research Part C: Emerging Technologies*, vol. 86, pp. 147-167.

Journal (peer reviewed)

- Wahyudi, A, **Liu, Y & Corcoran, J** 2018, 'Combining Landsat and landscape metrics to analyse large-scale urban land cover change: A case study in the Jakarta Metropolitan Area', *Journal of Spatial Science*, doi: 10.1080/14498596.2018.1443849.
- Wang, S, **Corcoran, J, Liu, Y & Sigler, T** 2018, 'Visualising the internal migration of mainland China-born migrants', *Australian Population Studies* (accepted, 8 March 2018).
- Wang, S, **Sigler, T, Corcoran, J & Liu, Y** 2017, 'Modelling the spatial dynamics of Mainland China-born migrants in Australia', *Australian Geographer* (accepted with minor changes 9 March 2018).
- Wilson, T & **Charles-Edwards, E** 2017, 'The regional pattern of Australia's largest overseas-born populations', *Regional Studies, Regional Science*, vol. 4, pp. 227-231.
- Wilson, T, **Charles-Edwards, E & Corcoran, J** 2017, 'Introducing Australian Population Studies', *Australian Population Studies*, vol. 1, pp. 1-2.
- Zahnow, R, Mazerolle, L, Wickes, R & **Corcoran, J** 2017, 'Living near violence: How proximity to violence shapes perceptions of police effectiveness and confidence in police', *Journal of Environmental Psychology*, vol. 53, pp. 138-144.
- Zahnow, R, Wickes, R, Haynes, M & **Corcoran, J** 2017, 'Disasters and crime: The effect of flooding on property crime in Brisbane neighborhoods', *Journal of Urban Affairs*, vol. 39, no. 6, pp. 857-877.
- Zhou, J, **Corcoran, J** & Borsellino, R 2017, 'Mapping cities by transit riders' trajectories: The case of Brisbane, Australia', *Environment and Planning A*, vol. 49, no. 8, pp. 1707-1709.
- Zhu, G, **Corcoran, J**, Shyy, P, Pileggi, SF & Hunter, J 2018, 'Analysing journey-to-work data using complex networks', *Journal of Transport Geography*, vol. 66, pp. 65-79.
- Zolkafli, A, Brown, G & **Liu, Y** 2017, 'An evaluation of Participatory GIS (PGIS) for land use planning in Malaysia', *Electronic Journal of Information System in Developing Countries*, vol. 83, no. 1, pp. 1-23.
- Zolkafli, A, Brown, G & **Liu, Y** 2017, 'An Evaluation of the Capacity-building Effects of Participatory GIS (PGIS) for Public Participation in Land Use Planning', *Planning Practice and Research*, vol. 32, no. 4, pp. 385-401.
- Zolkafli, A, **Liu, Y** & Brown, G 2017, 'Bridging the knowledge divide between public and experts using PGIS for land use planning in Malaysia', *Applied Geography*, vol. 83, pp. 107-117.

Book

Corcoran, J & Faggian, A (eds) 2017, *Graduate migration and regional development: an international perspective*, Edward Elgar Publishing, Northampton MA.

Book Chapter

Bell M, Charles-Edwards E, Bernard A, & Ueffing P 2018, 'Global trends in internal migration', in T Champion, T Cooke, I Shuttleworth (eds), *Internal Migration in the Developed World: Are We Becoming Less Mobile?*, Routledge, London, pp. 76-97.

Bell, M, Wilson, T, **Charles-Edwards, E** & Ueffing, P 2018, 'Australia: The Long-Run Decline in Internal Migration Intensities', in T Champion, T Cooke, I Shuttleworth (eds), *Internal Migration in the Developed World: Are We Becoming Less Mobile?*, Routledge, London, pp. 147-172.

Charles-Edwards, E 2017, 'The changing population geography of Australia: Implications for planning and policy', in N Sipe & K Vella (eds), *The Routledge Handbook of Australian Urban & Regional Planning*, Routledge, London.

Liu, Y, Wadley, D & **Corcoran, J** 2017, 'Spatial typology of the private rental housing market at neighbourhood scale: the case in South East Queensland, Australia', in JR Lombard, E Stern & G Clarke (eds), *Applied Spatial Modeling and Planning*, Routledge (Taylor and Francis Group), London, pp. 91-106.

Martinus K & **Sigler T** 2017, 'Boomtown globalising: Perth as an international connected resource hub', in S Biermann, D Oлару & V Paül (eds), *Planning Boomtown and Beyond*, UWA Publishing, Perth WA, pp. 27-42.

McNamara KE, Clissold, R, Pearson, J, McLeod-Robertson, D, Ward, A & Allgood, L 2017, 'The role of a women's collective in rebuilding livelihoods after a disaster: Case study of Salam village, Yogyakarta', in R Djalante, F Thomalla, M Garschagen & R Shaw (eds), *Disaster Risk Reduction in Indonesia*, Springer International Publishing, Switzerland, pp. 395-410.

Sander, N & **Charles-Edwards, E** 2017, 'Internal and International Migration', in H Groth & J May (eds), *Africa's Population: In Search of a Demographic Dividend*, Springer International Publishing, Switzerland, pp. 333-349.

Stillwell, J, **Bell, M** & Shuttleworth, I 2017, 'Studying internal migration in a cross-national context', in T Champion, T Cooke, I Shuttleworth (eds), *Internal Migration in the Developed World: Are We Becoming Less Mobile?*, Routledge, London, pp. 56-75.

Other publications (non-research, e.g. reports, non-peer-reviewed papers, letters, case studies)

Bernard, A, Bell, M & Cooper, J 2017, *Internal Migration and Education: A Cross-National Comparison*, UNESCO, Paris.

Chandra A & **McNamara KE** 2017, 'In Philippines, climate change and conflict both conspire against rural women', *The Conversation*, 25 July, <<https://theconversation.com/in-philippines-climate-change-and-conflict-both-conspire-against-rural-women-77729>>.

Charles-Edwards, E, Bell, M, Bernard, A & Zhu, Y 2017, 'Internal migration in the countries of Asia: levels, ages and spatial impacts', Working Paper 1/2017, Asian Demographic Research Institute, Shanghai University.

Corcoran, J 2018 'Book review: Mobility, Sociability and Well-being of Urban Living', *Urban Studies*, doi: 10.1177/0042098018758908.

Farbotko, C, Dun, O, **McNamara, K**, Ransan-Cooper, H, McMichael, C & Thornton, F 2017, Submission, Senate Committee's inquiry into the implications of climate change for Australia's national security, Parliament House, Canberra, Australia.

Liu, Y, Mateo-Babiano, I & Darchen, S 2018, 'How virtual 3D modelling and simulation can help us create better cities', *The Conversation*, 30 January, <<https://theconversation.com/how-virtual-3d-modelling-and-simulation-can-help-us-create-better-cities-88635>>.

Mateo-Babiano, I, Pojani, D, **Corcoran, J** & Bean, R 2017, 'Here's what bike-sharing programs need to succeed', *The Conversation*, 22 December, <<http://theconversation.com/heres-what-bike-sharing-programs-need-to-succeed-85969>>.

McNamara, K & Watson, J 2017, 'Climate change in the Pacific: Are community-based adaptation efforts working?', *IAPS Dialogue: The online magazine of the Institute of Asia and Pacific Studies*, 7 December, <<https://iapsdialogue.org/2017/12/07/climate-change-in-the-pacific-are-community-based-adaptation-efforts-working/>>.

McNamara, K, Farbotko, C, Thornton, F, Dun, O, Ransan-Cooper, H, Chevalier, E and Lkhagvasuren, P 2017, 'Environment and Migration Experts: Who are they, and what are their views?', *International Organization for Migration Policy Brief*, International Organization for Migration, Geneva.

McNamara, KE, Clissold, R, Piggott-McKellar, A & Azfa, A 2017, 'Policy Brief: Vulnerability and vulnerable groups in Laamu Atoll, Maldives', The University of Queensland, Brisbane.

Pojani, D, Butterworth, E, Cooper, J, **Corcoran, J** & Sipe, N 2018, 'Australian cities are far from being meccas for walking and cycling', *The Conversation*, 5 February, <<https://theconversation.com/australian-cities-are-far-from-being-meccas-for-walking-and-cycling-87331>>.

Pojani, D, Mateo-Babiano, I, **Corcoran, J** & Sipe, N 2017, 'Freeing up the huge areas set aside for parking can transform our cities', 30 October, <<https://theconversation.com/freeing-up-the-huge-areas-set-aside-for-parking-can-transform-our-cities-85331>>.

Sigler, T 2017, 'Trump and Brexit won't kill globalisation: We're too far in', *The Conversation*, 6 March, <<https://theconversation.com/trump-and-brexit-wont-kill-globalisation-were-too-far-in-73688>>.

Awards and Prizes in 2018

Title	Name of Recipient	Impact	Name of Award	Awarding entity/organisation	Area or Project
Dr	Elin Charles-Edwards	\$5,000	UQ Faculty of Science T&L Award	UQ Faculty of Science	Teaching
Dr	Elin Charles-Edwards		Appointed as Research Fellow	Asian Demographic Research Institute, Shanghai University	Research
Dr	Karen McNamara		Teaching Award	Environmental Management, SEES	Teaching
Dr	Karen McNamara		Promoting Women's Fellowship	The University of Queensland	Teaching
Dr	Karen McNamara		"Young Scientists Programme" affiliate	Integrated Research on Disaster Risk	Research
Dr	Karen McNamara		Resilience Academy member	United Nations University	Research
Dr	Thomas Sigler		Runner-Up for Best Paper Award	Urban Studies	Research

Community and Professional Activities in 2018

Title	Name of Staff Member	National/International	Name of Society	Position Held
Dr	Elin Charles-Edwards	National	Australian Population Association	Vice-President
Dr	Elin Charles-Edwards	National	Geography Teachers Association of Queensland	Committee Member
Dr	Elin Charles-Edwards	National	Australian Population Studies	Editorial board member
Dr	Iraphne Childs	International	Australian Chapter of the East-West Center Alumni	President
Prof	Jonathan Corcoran	International	Applied Geography Commission	Co-Chair
Prof	Jonathan Corcoran	National	Australian Population Studies	Editorial board member
Prof	Jonathan Corcoran	International	Applied Spatial Analysis and Policy	Editorial board member
Dr	Thomas Sigler	National	Geographical Research (journal)	Editorial board member
Dr	Thomas Sigler	International	Urban Geography (journal)	Editorial board member
Dr	Thomas Sigler	National	Institute of Australian Geographers Conference	Chair

Contact Details

Professor Jonathan Corcoran

Director, Queensland Centre for Population Research, School of Earth and Environmental Sciences | University of Queensland | St Lucia | Queensland | Australia | 4072

Tel: +61(0)7 3365 6517 | **Fax:** +61(0)7 3365 6899 | **Email:** jj.corcoran@uq.edu.au

QCPR website: <https://qcpr.com.au/>