

ANTHONY KIMPTON

Condensed Academic Curriculum Vitae

Anthony is a **lecturer of urban and regional planning** with the University of Southern Queensland (UniSQ) with **expertise** that includes land use and transport planning and policy, social survey development and deployment, advanced geospatial analytics, and data science. Their **experience** includes senior data scientist with the Australian Bureau of Statistics' (ABS) Big Data Pathways team, transport research web application developer with the Australian Urban Research Infrastructure Network (AURIN), postdoctoral research fellow with the Queensland Department of Transport and Main Roads (TMR), and research assistant on the Australian Research Council (ARC) funded Barriers and Facilitators of Neighbourhood Networks and Cohesion Discovery Project that examined community resilience during the **2011 Brisbane Floods**.

They are the **Queensland Convenor** for Planning Institute of Australia's (PIA) Urban Data Network, and their **memberships** include invited member of the Toowoomba Regional Council's Regional Active and Public Transport Advisory Committee (RAPTAC), and PIA's PlanTech and Education sub-committees. They **supervise** PhD, Masters, and Honours student on topics including **cultural heritage management of vernacular architecture**, local government policy for creating environments that support physical activity, micromobility planning for climate positive Olympics and mega sporting events, active school transport, light rail planning in regional towns, cycling road traffic stress, transport and traffic accident modelling, and public transport social equity.

Their overarching **career goal** is clearing the big data and spatial analytics expertise barrier. This ensures that more researchers, practitioners, and the public can collaborate effectively and transparently in co-designing more liveable cities and towns, which are designed from the neighbourhood up and where socially diverse communities can thrive.



SELECTED EDUCATION

2018



Doctor of Philosophy

The University of Queensland's School of Earth and Environmental Sciences

📍 Brisbane, Australia

Thesis: The Sociability of Urban Greenspace: An Exploration of How Public Parks and Private Backyards Influence the Social Sustainability of Urban Communities

Geography & Sociology: Research design and scoping, modelling including logistic, negative binomial, linear regression, spatial and multi-level; and cluster analyses

2011



Bachelor of Arts

The University of Queensland's School of Social Sciences

📍 Brisbane, Australia

Sociology & Archaeology: Statistical modeling; qualitative interviewing; geospatial analyses and mapping; and fieldwork; laboratory methods and procedures



SELECTED GRANTS AND AWARDS

2021



\$89,342 High Impact Projects Grant

The Australian Urban Research Infrastructure Network

📍 Melbourne, Australia

Aim: Lead the development of the Green Australian Vehicle Ownership (GreenAVO) service that harvests and links Australian state and territory vehicle registration APIs to reveal spatiotemporal trends in vehicle ownership for tracking, predicting, and accelerating the national transition towards hybrid and electric vehicles.

CONTACT INFO



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<https://github.com>

/akimpt



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For more

information, please

contact me via email.

SKILLS




Geospatial,
temporal, textual,
and statistical
modelling

R, Stata, ArcGIS,
Python, SQL, Bash,
Docker, HTML, and
CSS

Github and
rMarkdown workflow
for transparent and
efficient generation
of manuscripts,
reports,
presentations, APIs,
data visualisations,
and interactive web
applications

- 2020 ● **Dean's Award for Outstanding HDR Thesis**
The University of Queensland's Graduate School
Criteria: Both thesis examiners Professors Alexis Comber and Kate Bowers commending the 2018 thesis as an outstanding theoretical, empirical, and applied research contribution requiring no changes.


SELECTED RESEARCH EXPERIENCE

- 2024 ● **Lecturer of Urban and Regional Planning**
The University of Southern Queensland  Springfield, Australia
Role: Researcher (0.2FTE) focusing on community social sustainability, participatory planning and accessing the social equity of land use and transport planning outcomes.
- 2022 ● **MADIP Data Specialist**
The Australian Bureau of Statistics' Big Data Pathways Section  Brisbane, Australia
Role: Investigate the extent to which big data (i.e., government agency records) can replace survey content collected by the Australian Bureau of Statistics.
- 2022 ● **Postdoctoral Research Fellow**
The University of Queensland's School of Earth and Environmental Sciences  Brisbane, Australia
Role: Model flood impacts, community social processes, migration, and travel behaviour and analyse policy standards and outcomes.
- 2021 ● **Web Service and Application Developer**
The Australian Urban Research Infrastructure Network and the University of Queensland's School of Civil Engineering  Brisbane, Australia
Role: Develop transport research containerised microservices including interactive spatial data dashboards, and application programming interfaces (API)

SELECTED PUBLICATIONS

- Current ● **Overall (Google Scholar 07/03/25)**
Total cites = 598 and h-index = 12
- 2025 ● **Retaining permanent and temporary immigrants in rural Australia: place-based and individual determinants**
Population, Space and Place (sjr = Q1)
N Argent, A Bernard, D Laukova, T Wilson, T Zajac & A Kimpton
- 2024 ● **The pitfalls and benefits of using administrative data for internal migration research**
Demographic Research (sjr = Q1)
A Bernard, J Wu, T Wilson, N Argent, T Zajac & A Kimpton
- 2022 ● **Community resilience to crime: a study of the 2011 Brisbane flood**
American Journal of Community Psychology (sjr = Q1)
R Wickes, R Zahnow, J Corcoran & A Kimpton

SELECTED CONFERENCE PRESENTATIONS

- 2014 ● **Perspectives on Resilience: A Case Study of the 2011 Brisbane Floods**
Disaster and Emergency Management Conference  Gold Coast, Queensland
A. Kimpton & J. Corcoran