

ANTHONY KIMPTON

Academic Curriculum Vitae

Anthony is an urban planner with advanced geospatial statistics training. They are currently an adjunct researcher at the University Queensland and has an ongoing role within the Australian Bureau of Statistics as a [MADIP Data Specialist](#) where they supervise data scientists within the Big Data Pathways section. They are excited by the promise of smart cities and a socially sustainable global society starting from the neighbourhood-scale. Their overarching career objective is clearing the open and big data expertise barrier so that urban researchers and the public can co-design liveable cities where socially diverse communities can thrive.



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" entailing the development of the first quantitative social sustainability measure, and employing social survey, crime incidence, remote imagery, administrative, and population census data to examine how public greenspace and backyards influence the neighbourhood social sustainability

Geography & Sociology: Logistic, negative binomial, and linear regression, cluster analysis using Stata

2012



Bachelor of Arts Honours (1st class)

The University of Queensland's School of Social Sciences

📍 Brisbane, Australia

Thesis: "Seeing Green: Can the Objective Physical Environment Predict Place Attachment?" employing social survey, crime incidence, census, and administrative data to examine how public greenspace influences place attachment

Sociology: Multi-level statistical modelling; research design and scoping

2011



Bachelor of Arts

The University of Queensland's School of Social Sciences

📍 Brisbane, Australia

Sociology & Archaeology: Statistical modelling using Stata and Excel; qualitative interviewing methods; geo-spatial analysis or GIS using ArcGIS; field work; laboratory methods and procedures



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 with vehicle characteristics from the Australian Green Vehicle Guide API to reveal spatiotemporal trends in vehicle ownership at the postcode-level for tracking, predicting, and accelerating the national transition towards hybrid and electric vehicles through strategic planning and infrastructure.

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 machine learning statistical modelling

Advanced capabilities with R, Stata, ArcGIS, Python, SQL, and to a lesser extent, Bash, Docker, HTML, and CSS

Streamlined Github and rMarkdown workflow for generating and updating manuscripts, reports, presentations, APIs, interactive web pages and applications, and for example, this resume!

- 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.
- 2020 ● **Early Career Researcher Travel Grant**
The Institute of Australian Geographers
Aim: Competitive grant funding travel to the 2020 International Geographical Union conference in Turkey (cancelled due to COVID)
- 2019 ● **Early Career Researcher Grant**
The University of Queensland's School of Earth and Environmental Sciences
Aim: Competitive grant for travel and registration to present at the 2019 Australian Sociological Association conference
- 2019 ● **Australian Postgraduate Award**
The Australian Research Council
Aim: Competitive grant providing \$24,653 per annum throughout PhD candidature



RESEARCH EXPERIENCE

- 2022 ● **MADIP Data Specialist**
The Australian Bureau of Statistics' Big Data Pathways Section 📍 Brisbane, Australia
Role: Investigate the extent to which government records can replace survey content collected by the Australian Bureau of Statistics. They are currently investigating dwelling structure and location (ABS big data), income tax records (ATO big data), and government payments (DSS and DVA big data) to replace over 120 survey questions collected from 45k Australians every 2 years. Further, they supervise graduate data scientists investigating disability (NDIS big data) and concession card (DSS big data).
- 2022 ● **Postdoctoral Research Fellow**
The University of Queensland's School of Earth and Environmental Sciences
📍 Brisbane, Australia
Role: Investigate Australian international and internal migration, migration policy, visa types and regional retention of immigrants using the ABS MADIP service and primarily the Traveller module with the R (programming language) for all GIS, statistical modelling, and reporting.
- 2021 ● **Software Developer**
The Australian Urban Research Infrastructure Network and the University of Queensland's School of Civil Engineering
📍 Brisbane, Australia
Role: Develop microservices (AGILE software development) for the Australian Transport Research Cloud e.g. interactive graphics and dashboards, and application programming interfaces (API) for the public and collaborating universities using R (programming language), Docker for containerisation, and Bash for AURIN Virtual Machine operations
- 2018 | 2020 ● **Postdoctoral Research Fellow**
The Queensland Department of Transport and Main Roads & The University of Queensland's School of Earth and Environmental Sciences
📍 Brisbane, Australia
Role: Review Australian land use and transport policy, examine land use and census data to determine how parking supply aligns with policy and influences urban mobility using the R (programming language) for all GIS, statistical modelling, and reporting including the following project page: <https://parks-uq.github.io/>

2013-
2018

Research Assistant

The University of Queensland's School of Geography, Planning, and Environmental Management

📍 Brisbane, Australia

Role: Review community sociology and environmental criminology research literature focusing on how natural disasters impact community sociability, and examine social survey, crime incident, census, flood, and administrative data using ArcGIS for spatial analyses and cartography, and Stata for statistical modelling and data visualization



TEACHING EXPERIENCE

2021
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present

PhD Supervisor

The University of Queensland's School of Civil Engineering & School of Earth and Environmental Sciences

📍 Brisbane, Australia

Supervising one PhD candidate investigating the First and Last Mile Problem of public transport and further investigating internal migration of immigrants within Australia

2016
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present

Sessional Lecturer

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

📍 Brisbane, Australia

Teaching Evaluations: Ranging 4.2 to 4.5 on a 5-point scale with 4.3 most recently awarded for both online and face-to-face delivery

- **GEOG1000: Human Settlements:** Develop and present lectures on the history of human settlements and future of cities to over 200 first-year urban planning, geography, and environmental management students per semester

- **GEOG2202/GEOG7202: Global Population Issues:** Develop and deliver lectures on global demographic challenges to over 60 second-year and postgraduate

urban planning and geography students per semester

- **GEOG3003: The Global Metropolis:** Invited for first lecturing assignment to revamp and re-badge the "GEOG3030: the Asian Metropolis" capstone course by developing and delivering six new lectures on topics including smart cities, transport, and sustainability to over 40 final-year urban planning and geography students per semester

2016
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2017

School Representative

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

📍 Brisbane, Australia

Role: Invited and employed to develop and deliver presentations at high schools, career open days, and high school teaching conferences to promote geography, planning, environmental management, and geology

2013
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2018

Lead Tutor/Demonstrator

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

📍 Brisbane, Australia

Teaching Evaluations: Ending with 4.7 on a 5-point scale for face-to-face delivery and consistently high evaluations created opportunities to lecture

- **GEOG1000: Human Settlements:** Develop practicals, workbooks, and assessments for over 200 first-year geography, environmental management, and urban planning students per semester, and manage and train up to 4 demonstrators running a portion of these practicals per semester
- **SOCY2339/7339: Introduction to Quantitative Methods:** Develop and deliver introductory statistical modelling workshops using Stata for over 60 second-year and 20 research by higher degree students per semester
- **SOCY2340: Sociology of the City:** Tutor across urban topics including public space, social equity, community sociability, and environmental criminology to over 60 second-year sociology, criminology, urban planning, and geography students per semester
- **CRIM1000: Introduction to Criminology** Develop and deliver introductory criminology tutorials to over 60 first-year criminology students per semester



PROFESSIONAL EXPERIENCE

2019
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2020

The Early and Mid Career Researcher Representative

The University of Queensland's Faculty of Science Research Committee

📍 Brisbane, Australia

Role: Invited to represent EMCRs at monthly faculty research committee meetings chaired by the faculty Associate Dean of Research

2019
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2020

The Urban Planning and Geography Representative

The University of Queensland's School of Earth and Environmental Sciences Early Career Researcher Committee

📍 Brisbane, Australia

Role: Invited to represent urban planning and geography ECRs at monthly school meetings, develop grant guidelines and applications, and evaluate these applications

2018
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present

Milestone and Thesis Examiner

Role: Examine RhD milestones and theses on topics including environmental criminology, urban sociology, demography, land use and transport planning, and urban ecology

2015
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present

Academic Journal Reviewer

Role: Peer-reviewer for journals including: *Applied Geography*; *Applied Spatial Analysis and Policy*; *Australian Planner*; *Behavioural Research Methods*; *City, Culture and Society*; *Ecosystem Services*; *Environment and Behaviour*; *Environment and Planning B: Urban Analytics and City Science*; *Environmental Planning and Management*; *Geoforum*; *Housing and the Built Environment*; *Land Use Policy*; *Landscape and Urban Planning*; *Landscape Research*; *Population Research*; *Research in Crime and Delinquency*; *Security Journal*; *Social Science Research*; *Spatial Science*; *Springer Nature: Social Science*; *Sustainability*; *Sustainable Cities and Society*; *Transport Reviews*; *Travel Behaviour and Society*; *Urban Studies*; and *Urbanism: International Research on Placemaking and Urban Sustainability*



PUBLICATIONS

Current

Overall (Google Scholar 22/01/23)

Total cites = 308 and h-index = 7

- 2022 ● **The role of household modality style in first and last mile travel mode choice (cites = 4)**
Transportation Research Part A: Policy and Practice (sjr = Q1)
Y Lu, CG Prato, N Sipe, **A Kimpton** & J Corcoran

- 2022 ● **Neighbourhood places, collective efficacy and crime: a longitudinal perspective (cites = 3)**
Urban Studies (sjr = Q1)
R Zahnow, J Corcoran, **A Kimpton** & R Wickes

- 2022 ● **Weather to scooter? How weather shapes shared e-scooter ridership patterns (cites = 1)**
Journal of Transport Geography (sjr = Q1)
A Kimpton, J Loginova, D Pojani, R Bean, T Sigler & J Corcoran

- 2022 ● **Community resilience to crime: a study of the 2011 Brisbane flood (cites = 0)**
American Journal of Community Psychology (sjr = Q1)
R Wickes, R Zahnow, J Corcoran & **A Kimpton**

- 2022 ● **E-scooters are becoming wildly popular—but we have to factor in the weather (cites = 0)**
The Conversation (popular media)
A Kimpton, D Pojani, J Corcoran, J Loginova, R Bean & T Sigler

- 2022 ● **Neighbourhood correlates of average population walking: using aggregated, anonymised mobile phone data to identify where people walk (cites = 0)**
Health & Place (sjr = Q1)
R Zahnow, **A Kimpton**, J Corcoran & G Mielke

- 2022 ● **The temporality of on-street parking—exploring the role of land-use mix and change on parking dynamics (cites = 0)**
Environment and Planning B: Urban Analytics and City Science (sjr = Q1)
A Kimpton, D Stead & J Corcoran

- 2021 ● **The socio-spatial determinants of covid-19 diffusion: the impact of globalisation, settlement characteristics and population (cites = 60)**
Globalization and Health (sjr = Q1)
T Sigler, S Mahmuda, **A Kimpton**, J Loginova, P Wohland & ...

- 2021 ● **Contemporary parking policy, practice, and outcomes in three large Australian cities (cites = 13)**
Progress in Planning (sjr = Q1)
A Kimpton, D Pojani, C Ryan, L Ouyang, N Sipe & J Corcoran

- 2021 ● **Sociospatial factors explaining daylight saving preferences in Australia (cites = 0)**
The Professional Geographer (sjr = Q1)
T Sigler, H Boyd & **A Kimpton**

- 2021 ● **Explaining the railheading travel behaviour with home location, park 'n'ride characteristics, and the built environment to strengthen multimodalism (cites = 0)**
Applied Spatial Analysis and Policy (sjr = Q2)
A Kimpton

- 2021 ● **Parking policy and bay-sharing for unmooring automobility from cities (cites = 0)**
A Modern Guide to the Urban Sharing Economy (book chapter)
A Kimpton, D Pojani, N Sipe & J Corcoran
- 2020 ● **Parking behavior: park 'n'ride (pnr) to encourage multimodalism in Brisbane (cites = 25)**
Land Use Policy (sjr = Q1)
A Kimpton, D Pojani, N Sipe & J Corcoran
- 2020 ● **Setting the agenda for parking research in other cities (cites = 4)**
Parking: an International Perspective (book chapter)
D Pojani, A Kimpton, N Sipe, J Corcoran, I Mateo-Babiano & D Stead
- 2020 ● **Upset diagrams for examining whether parking maximums influence modal choice and car holdings (cites = 0)**
Environment and Planning A: Economy and Space (sjr = Q1)
A Kimpton
- 2020 ● **Visualising Australia's older population using grid maps (cites = 0)**
Australian Population Studies (sjr = Q2)
A Kimpton
- 2019 ● **The temporality of place: constructing a temporal typology of crime in commercial precincts (cites = 11)**
Environment and Planning B: Urban Analytics and City Science (sjr = Q1)
J Corcoran, R Zahnow, A Kimpton, R Wickes & C Brunsdon
- 2019 ● **Planning students' conceptions of research (cites = 3)**
Journal of Planning Education and Research (sjr = Q1)
D Pojani, A Kimpton & R Rocco
- 2019 ● **What can our cities do about sprawl, congestion and pollution? Tip: scrap car parking (cites = 0)**
The Conversation (popular media)
N Sipe, A Kimpton & D Pojani
- 2018 ● **Cycling and walking are short-changed when it comes to transport funding in Australia (cites = 5)**
The Conversation (popular media)
D Pojani, A Kimpton, J Corcoran & N Sipe
- 2018 ● **Why driverless vehicles should not be given unchecked access to our cities (cites = 3)**
The Conversation (popular media)
D Stead, A Kimpton, D Pojani, I Mateo Babiano, J Corcoran & N Sipe
- 2017 ● **A spatial analytic approach for classifying greenspace and comparing greenspace social equity (cites = 72)**
Applied Geography (sjr = Q1)
A Kimpton
- 2017 ● **Greenspace and crime: an analysis of greenspace types, neighboring composition, and the temporal dimensions of crime (cites = 65)**
Journal of Research in Crime and Delinquency (sjr = Q1)
A Kimpton, J Corcoran & R Wickes

- 2014 ● **Greenspace and place attachment: do greener suburbs lead to greater residential place attachment? (cites = 39)**
Urban Policy and Research (sjr = Q1)
A Kimpton, R Wickes & J Corcoran



CONFERENCE PRESENTATIONS

- 2019 ● **Capturing Change to Daily Mobility (and Immobility)**
eResearch Australasia Conference  Brisbane, Australia
A. Kimpton
- 2019 ● **Contemporary Parking Policy and Practice in Large Australian Cities**
International Geographical Union  L'Aquila, Italy
A. Kimpton, D. Pojani, C. Ryan, L. Ouyang, J. Corcoran, & N. Sipe
- 2018 ● **Urban Immobility**
International Geographical Union  Quebec, Canada
A. Kimpton, J. Corcoran, D. Pojani, & N. Sipe
- 2018 ● **By Invitation Only: Private and Public Space, Neighborhood Social Cohesion and Crime**
American Society of Criminology Conference  Atlanta G.A., United States
A. Kimpton, J. Corcoran, & R. Wickes
- 2017 ● **The Duality of Neighborhood Social Conduits: A Case Study of Greenspace Crime**
American Society of Criminology Conference  Philadelphia P.A., United States
A. Kimpton, J. Corcoran, J. Hipp, R. Wickes, & R. Zahnow
- 2015 ● **Public Greenspaces and Crime**
American Society of Criminology Conference  Washington D.C, United States
A. Kimpton, J. Corcoran, & R. Wickes
- 2015 ● **Public Greenspaces and Crime: An Analysis of Crime Timing and Public Greenspace Amenities**
State of Australian Cities Conference  Gold Coast, Australia
A. Kimpton, J. Corcoran, & R. Wickes
- 2014 ● **Perspectives on Resilience: A Case Study of the 2011 Brisbane Floods**
Disaster and Emergency Management Conference  Gold Coast, Queensland
A. Kimpton & J. Corcoran



PROFESSIONAL MEMBERSHIP

- The Institute of Australian Geographers
- The International Geographical Union



OTHER SKILLS AND QUALIFICATIONS

- 2020 ● **Asymmetric Innovations' Impact Forge**

- 2019 ● **Writing for The Conversation**
- 2019 ● **Science Communication and Mainstream Media**
- 2019 ● **Alternate Futures' Industry Engagement Program**
- 2017 ● **Software Carpentry with Python**
- 2016 ● **Complete Python Bootcamp**
- 2016 ● **Stata Programming Workshop**
- 2015 ● **Multilevel Modelling Course**
- 2014 ● **Open Knowledge Brisbane Data Visualisation Workshop**
- 2013 ● **Envirohack Workshop**
- 2013 ● **Tutors@UQ Program**



REFEREES

- **Professor Jonathan Corcoran**
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Email: jj.corcoran@uq.edu.au
- **Professor Rebecca Wickes**
 Former Director for the Monash Migration and Inclusion Centre
Mail: School of Criminology and Criminal Justice, Griffith University, Mount Gravatt, Queensland, Australia, 4122

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Email: r.wickes@griffith.edu.au
- **Emeritus Professor Neil Sipe**
 Former School Head of Urban and Regional Planning
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