

ANTHONY KIMPTON

Academic Curriculum Vitae

Anthony is an urban and regional planner with advanced geospatial statistics expertise, and a former Senior **MADIP** Data Specialist with the Australian Bureau of Statistics where they trained and 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, towns, and regions where socially diverse communities can thrive.

Anthony's research productivity and impact are exceptional relative to research opportunity. For instance, his H-Index is 12, his peer-reviewed research productivity is 164% (23/14) and citation rate is 870% (609/70) of the Australian Level-B planning academic average (Pojani et al. 2022; Google Scholar 22/04/25). He has 20 publications listed on SciVal including 12 in the top 10% of journals, 2 among the top 10% of cited papers, and an average field weighted citation impact of 2.50 in land use and transport planning (SciVal 12/06/25). They also rank in the top 1% worldwide prominence percentile in fields including electric vehicle adoption, health disparity, physical activity, demography, and residence characteristics; and the top 2% in fields including land use, urban transportation, eScooters and Transportation.



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

CONTACT INFO



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<https://github.com>

[/akimpt](#)

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For more information, please contact me via email.

SKILLS



Planning policy, 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 (including this CV), presentations, APIs, interactive web pages and software.





GRANTS AND AWARDS

- 2024 • **Stellar Award Commendation**
University of Southern Queensland  Springfield, Australia
- 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.
- 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

- present | 2023 • **Lecturer of Urban and Regional Planning**
The University of Southern Queensland  Springfield, Australia
Role: Researcher (0.2FTE) focusing on the intersection between land use and transport planning, and identifying the barriers to walking, cycling public transport, and public physical activity, and accessing the social equity of land use and transport planning outcomes.
- 2023 | 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
- 2020 | 2018 • **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/>
- 2018 | 2013 • **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

- present | 2023 • **Lecturer of Urban and Regional Planning**
The University of Southern Queensland
📍 Springfield, Australia
Role: Lecturer currently teaching (0.7FTE) planning structures and statutory planning, regional planning, sustainable urban design and development, planning theory, and land development and valuation. Notably nominated and awarded the UniSQ *Stella Award for Teaching* while having receiving a 6 course load during first 12 months of appointment and while maintaining a high research output rate exceeding the UniSQ Level B employee expectations framework. My teaching delivery raised the URP3201 end of semester mean from 3.6 (2023; n = 14) to 4.1 (2024; n = 13) immediately upon starting at UniSQ.
- SVY3302: Property Valuation and Development: Develop and present lectures on property valuation theory and methods
 - URP2001: Planning Structures and Statutory Planning: Develop and present lectures on the role of statutory planning throughout the 3 tiers of Australian Government
 - URP3200: Regional Planning: Develop and deliver lectures on regional strategic planning
 - URP3201: Sustainable Urban Design and Planning: Develop and deliver lectures on sustainability audits and master plan design
 - URP4002: Planning Theory: Develop and deliver lectures on the theoretical and historical foundations of the planning profession

present
|
2023

Research Supervisor

The University of Southern Queensland's School of Surveying and Built Environment

📍 Brisbane, Australia

Primary supervisor for 2 PhD projects, 1 masters, 4 honours, and 1 completed honours project. Associate supervisor for 1 PhD project and 1 masters project. These span disciplines including land use and transport planning, heritage management, civil engineering, and public health where I contribute planning, policy, social science and geospatial analytics expertise.

2023
|
2021

Research Supervisor

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

📍 Brisbane, Australia

Associate supervised 2 PhD candidates to completion and 1 honours student

2021
|
2016

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

2017
|
2016

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

2018
|
2013

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
- SOC2339/7339: 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
- SOC2340: 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


2025
(single
term)

- **Invited Regional Active and Public Transport Advocacy Committee (RAPTAC) Member**
Toowoomba Regional Council (TRC)  Toowoomba, Australia
Role: Provide transport planning research, policy, and implementation recommendations for TRC's transport planning projects

ongoing
|
2024

- **National Co-convenor Urban Data Science Network**
The Planning Institute of Australia  Brisbane, Australia
Role: Developing a national framework for technical capabilities required from graduates and planning specialists

ongoing
|
2023

- **PlanTech Committee Member**
The Planning Institute of Australia  Brisbane, Australia
Role: Developing a national framework for technical capabilities required from graduates and planning specialists

2020
|
2019

- **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

2020
|
2019

- **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

- **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
|
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 13/06/25)**
Total cites = 638 and h-index = 12

- 2025 ● **Can reliable sub-state emigration estimates be obtained from an administrative population dataset? The case of the person level integrated data asset (plida) of Australia (cites = 1)**
Journal of Population Research
T Wilson, G Wu, A Bernard, N Argent & A Kimpton
- 2025 ● **Are visa-based dispersal policies effective in attracting and retaining skilled migrants in rural Australia?**
International Migration Review (SJR = Q1)
D Laukova, A Bernard, T Zając, A Kimpton, N Argent & T Sigler
- 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 ● **First and last mile travel mode choice: a systematic review of the empirical literature (cites = 19)**
International Journal of Sustainable Transportation (SJR = Q1)
Y Lu, A Kimpton, CG Prato, N Sipe & J Corcoran
- 2024 ● **The pitfalls and benefits of using administrative data for internal migration research (cites = 4)**
Demographic Research (SJR = Q1)
A Bernard, J Wu, T Wilson, N Argent, T Zając & A Kimpton
- 2024 ● **Please mind the gap: examining regional variations in private vehicle carbon dioxide emissions and fuel consumption—the case of Australia**
Journal of Transport Geography (SJR = Q1)
KL Lim, Y Lu, A Kimpton, R Zahnow, T Li, J Dodson, N Sipe & J Corcoran
- 2024 ● **Please mind the gap: examining regional variations in private vehicle carbon dioxide emissions and fuel consumption—the case of Australia**
Journal of Transport Geography (SJR = Q1)
KL Lim, Y Lu, A Kimpton, R Zahnow, T Li, J Dodson, N Sipe & J Corcoran
- 2023 ● **Planning students' conceptions of research (cites = 6)**
Journal of Planning Education and Research (SJR = Q1)
D Pojani, A Kimpton & R Rocco
- 2023 ● **The temporality of on-street parking—exploring the role of land-use mix and change on parking dynamics (cites = 1)**
Environment and Planning B: Urban Analytics and City Science (SJR = Q1)
A Kimpton, D Stead & J Corcoran
- 2023 ● **The temporality of on-street parking—exploring the role of land-use mix and change on parking dynamics (cites = 1)**
Environment and Planning B: Urban Analytics and City Science (SJR = Q1)
A Kimpton, D Stead & J Corcoran
- 2022 ● **Weather to scoot? How weather shapes shared e-scooter ridership patterns (cites = 35)**
Journal of Transport Geography (SJR = Q1)
A Kimpton, J Loginova, D Pojani, R Bean, T Sigler & J Corcoran

- 2022 ● **Weather to scoot? How weather shapes shared e-scooter ridership patterns (cites = 35)**
Journal of Transport Geography (SJR = Q1)
A Kimpton, J Loginova, D Pojani, R Bean, T Sigler & J Corcoran
- 2022 ● **The role of household modality style in first and last mile travel mode choice (cites = 26)**
Transportation Research Part A: Policy and Practice
Y Lu, CG Prato, N Sipe, A Kimpton & J Corcoran
- 2022 ● **Neighbourhood places, collective efficacy and crime: a longitudinal perspective (cites = 24)**
Urban Studies (SJR = Q1)
R Zahnow, J Corcoran, A Kimpton & R Wickes
- 2022 ● **Community resilience to crime: a study of the 2011 Brisbane flood (cites = 7)**
American Journal of Community Psychology (SJR = Q1)
R Wickes, R Zahnow, J Corcoran & A Kimpton
- 2022 ● **Neighbourhood correlates of average population walking: using aggregated, anonymised mobile phone data to identify where people walk (cites = 4)**
Health & Place
R Zahnow, A Kimpton, J Corcoran & G Mielke
- 2021 ● **The socio-spatial determinants of COVID-19 diffusion: the impact of globalisation, settlement characteristics and population (cites = 121)**
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 = 23)**
Progress in Planning (SJR = Q1)
A Kimpton, D Pojani, C Ryan, L Ouyang, N Sipe & J Corcoran
- 2021 ● **The temporality of place: constructing a temporal typology of crime in commercial precincts (cites = 21)**
Environment and Planning B: Urban Analytics and City Science (SJR = Q1)
J Corcoran, R Zahnow, A Kimpton, R Wickes & C Brunsdon
- 2021 ● **The temporality of place: constructing a temporal typology of crime in commercial precincts (cites = 21)**
Environment and Planning B: Urban Analytics and City Science (SJR = Q1)
J Corcoran, R Zahnow, A Kimpton, R Wickes & C Brunsdon
- 2021 ● **Parking policy and bay-sharing for unmooring automobility from cities (cites = 3)**
A Modern Guide to the Urban Sharing Economy
A Kimpton, D Pojani, N Sipe & J Corcoran
- 2021 ● **Explaining the railheading travel behaviour with home location, Park 'n' Ride characteristics, and the built environment to strengthen multimodalism (cites = 1)**
Applied Spatial Analysis and Policy
A Kimpton

- 2021 ● **Sociospatial factors explaining daylight saving preferences in Australia**
The Professional Geographer
T Sigler, H Boyd & A Kimpton
- 2020 ● **Parking behavior: Park 'n' Ride (PnR) to encourage multimodalism in Brisbane (cites = 47)**
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
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 = 1)**
Environment and Planning A: Economy and Space
A Kimpton
- 2020 ● **Visualising Australia's older population using grid maps**
Australian Population Studies
A Kimpton
- 2017 ● **A spatial analytic approach for classifying greenspace and comparing greenspace social equity (cites = 116)**
Applied Geography (SJR = Q1)
A Kimpton



CONFERENCE PRESENTATIONS

- 2025 ● **Chair City Movement and Infrastructure Track**
State of Australian Cities 2025 📍 Brisbane, Australia
A. Kimpton
- 2025 ● **Assessing our 10/15/20/30-minute cities/neighbourhoods policy outcomes**
AITPM Online Technical Conference Series 📍 Online
A. Kimpton
- 2024 ● **Multimodal Routing Methods for Supporting Sustainable Mobilities**
AITPM Toowoomba Technical Seminar 📍 Toowoomba, Australia
A. Kimpton
- 2023 ● **Introduction to chrono-urbanism and spatial networks in R**
ResBazQld 2023 📍 Brisbane, Australia
A. Kimpton
- 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 Planning Institute Australian**
- **The Australian Institute of Traffic Planning and Management**
- **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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