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 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

📞 +61 412 452 471

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
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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
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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
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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, and planning theory. 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 that nears triple the UniSQ Level B employee expectations framework. My teacching delivery raised the URP3201 end of semester mean from 3.6 (2023; n = 14) to 4.1 (2024; n = 13) immediately upon staring 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
• 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

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

onging | 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 12/06/25)
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

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