

Urban and regional planning



MACQUARIE
University
SYDNEY · AUSTRALIA



From research into sustainable urbanism, energy justice and Indigenous water rights to life in the Anthropocene, alternative food pathways and native title, Macquarie's urban and regional planning researchers are uniquely positioned to help shape the complex issues that define the future of humanity.

Urban and regional planning research at Macquarie is characterised by interdisciplinary perspectives. Research among our team intersects with the fields of human geography, demography, environmental science and management, geographic information systems, law and resilience to climate change.

Planning and urban governance have implications for the social and economic performance of cities and nations. Our research centres around the ways cities are managed and experienced by policy makers, the private sector and the urban public. A major emphasis of our research is practical engagement with and assessment of existing planning systems with a focus on contemporary Sydney and New South Wales, as well as on the United States, Europe and East Asia.

Our research makes key contributions to planning theory, especially in the realm of culture and representation, planning system regulations and reform, metropolitan and strategic planning, environmental planning and sustainability, social housing delivery and management, community participation in and resistance to planning and development, urban regeneration and renewal, transport, heritage, housing, master planning, migration, urban governance, and experiences and perceptions of home.

We actively collaborate with the Department of Planning and Environment, UrbanGrowth NSW, Macquarie Park Forum, the New South Wales Land and Housing Corporation, and the Ryde and Ku-ring-gai Councils, as well as with international institutions such as Durham and York Universities, Queen Mary University of London, and the Universities of Glasgow and Tokyo.

As a higher degree research candidate at Macquarie, you'll be encouraged to take an interdisciplinary approach to addressing contemporary environmental and planning challenges, thereby solving the big issues that matter to business and society.



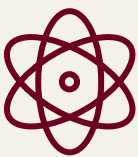
AREAS OF SPECIALISATION

- Climate adaptation and mitigation
- Environmental ethics and justice
- Geographical information science
- Housing studies
- Natural hazards risk assessment
- Political ecology
- Resource and environmental management
- Social impact assessment
- Sustainable urbanism
- Urban governance
- Urban regeneration and renewal
- Urban, social and community planning



FACILITIES

- Climate science laboratory
- Environmental quality laboratory
- Gas chromatography and analytical facilities
- Geographic information systems
- Laboratory for thermal and environmental processing



RESEARCH HUBS

- ARIES: Australian Research Institute for Environment and Sustainability
- Climate Futures
- Concentration of Research Excellence in Climate Risk
- Concentration of Research Excellence in Social Inclusion
- Concentration of Research Excellence in Urban Energy Transitions
- Macquarie Urban Research Network



OUR RESEARCH PRIORITIES

We pursue excellence in a broad range of research areas. Our five interdisciplinary strategic research priorities – Healthy People, Resilient Societies, Prosperous Economies, Secure Planet and Innovative Technologies – respond to globally significant challenges and opportunities to improve the lives of millions. Together, these research priorities provide a focal point for research, with discoveries made under these priorities translating into real improvements in the lives of local, national and global communities.

JOINTLY SUPERVISED PHD PROGRAMS

Macquarie actively encourages cotutelles and joint degrees – shared supervision arrangements with universities whose research activity strongly aligns with ours. Under each model, you are enrolled at two universities with a principal supervisor at each and may be eligible for additional scholarship support.

mq.edu.au/cotutelle-and-joint-phd