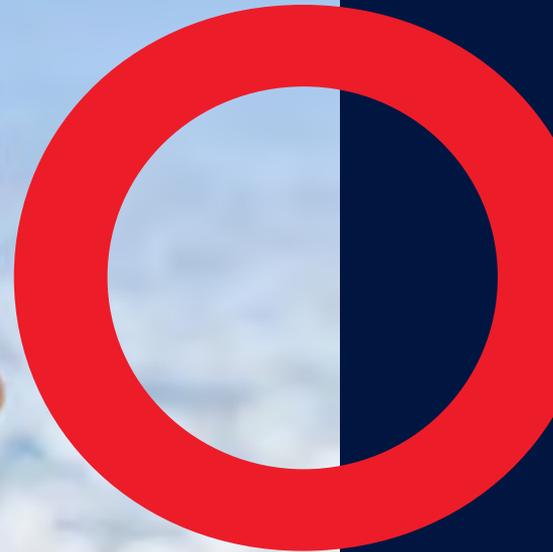




UNIVERSITY
OF WOLLONGONG
AUSTRALIA

School of Geography
and Sustainable
Communities
Research Report
2018/2019



Contents

Introduction	1
Our Research	2
Current Staff Research Interests	3
Researcher Profiles	
Scott McKinnon	5
Nicole Cook	6
Nick Gill	8
Thomas Birtchnell	10
Researchers with Impact	
Chris Brennan-Horley	13
Leah Gibbs	15
Natascha Klocker	16
Research Students	
Ren Hu	18
Inka Santala	19
Makrita Solitei	19
Awards & Professional Service 2018/2019	20
Staff	22
Research Students	23
Funding 2018/2019	24
Selected Research Publications 2018/2019	26

Introduction



The School of Geography and Sustainable Communities at the University of Wollongong (UOW) has an international reputation for undertaking world-class geographical research.

The research conducted in the School occurs through the Australian Centre for Culture, Environment, Society and Space (ACCESS). ACCESS research integrates analysis of environment, culture, society and space to:

- (i) identify and analyse the place-based, multi-dimensional challenges and opportunities that emerge as environments, cities, economies and communities are differentially transformed across space and place;
- (ii) explore how decision-making and action to address these challenges and opportunities can be imagined and enacted at multiple scales and across institutions and communities.

Three key research platforms characterise our research focus:

- Reworking Cities and Economies
- Living Environmental Change
- Negotiating Everyday Sustainabilities

Our research report offers a flavour of the research conducted in the School. You can find out more about our research platforms through our ACCESS web-pages (<https://www.uow.edu.au/social-sciences/schools-entities/geography/research/>) and individual research profiles at UOW Scholars (<https://scholars.uow.edu.au/>).

The School is committed to providing a supportive and rigorous academic environment where individuals can gain awareness, knowledge and skills, and where diverse viewpoints are shared and debated. Our School is determined to cultivate an academic environment where individuals can expand their sphere of awareness and competence so they may enrich individual lives, social diversity and community groups alongside policy and scholarly debate.

Seven key values underpin teaching and learning in the School: compassion, respect, advocacy, courage, passion, vision and groundedness. You will find an explanation of how each key teaching and learning value guides our practice on our UOW home page: <https://www.uow.edu.au/social-sciences/schools-entities/geography/>

The School values and recognises diverse identities and subjectivities, and diverse ways of knowing. As geographers, we have relationships with, and responsibility to Country, as the field of all our work. We acknowledge the Dharawal, Yuin and Wadi Wadi peoples as the Traditional Custodians of Country in the Illawarra. We also acknowledge the ongoing significance of Mount Keira, the ancient teaching site, below which our School resides.

Geography at UOW offers multiple opportunities to build new knowledge and understandings of the complex relations between people, society and environments. Feel free to contact me, our new Head of School as of 2020, Associate Professor Nicholas Gill, or any of our staff, if you want to conduct research with us or commission us to undertake research for you.

Professor Gordon Waitt

Head of School,
School of Geography and Sustainable Communities

Our Research

Our Values

Geography at Wollongong is now much larger, and more diverse, than a decade ago mainly through new early career staff appointments.

The School of Geography and Sustainable Communities at UOW has 16 geographers who seek to understand and improve the ways people interact with natural and constructed environments.

We are interested in everyday environments and extraordinary situations such as bushfires and shark attacks on ocean users. Because we work very closely with our research students our group is larger, extending to nearly 40 geographers.

We value basic research that extends our understanding of the world, but we also value research that, by design or through serendipity, affects the world and is impactful (hopefully for the better).

We acknowledge that we conduct our work on the lands of Indigenous people, both in the Illawarra and elsewhere. We value academic freedom and seek, through our individual and collective research, to answer pressing questions about our society and environment. For instance, how does capitalism use the biophysical world and can it really be 'greened'?; how can households contribute to less environmentally destructive ways of living?; how might cities be transformed to produce more just and sustainable outcomes?; and how can we live better with non-human species that are both threatened and threatening? We value curiosity, innovation and risk-taking.

We maintain that all research contains value judgements and that reflexivity is essential in all we do. We value collegiality, recognising that individual success relies on the mutual support we provide each other. We value field work highly, and seek to test, extend and create theory on the basis of a deep understanding of people, place and region. We aim to be authentic in our research and engagement with our various informants and partners. We value diversity of outlook, both in our research group and among those who we conduct research on and with. We value critical thinking and so avoid orthodoxies in favour of unorthodox doctrines and debate. We recognise, and frequently work with, those whose voices often go unheard in social, economic and

political life. We aim to enrich our own discipline of Geography while also seeking to shape thinking in related disciplines. We aim for integrity and professionalism in all we do, and seek to instil the same in our higher degree students.

Our Goals

As researchers and educators we seek to achieve a number of important goals. We want our research to advance debate and understanding in Geography and related disciplines across the globe. Quality scholarship is a key ambition. We also want our research to be a force for good in the world, especially in the Australian context in which many of us work. We aim to shed new light on issues and to highlight the views, knowledge and actions of those who may be relatively powerless to influence social life or environmental policy. Where appropriate, we seek to propose and enact new measures to make the world a more socially just and environmentally responsible place. We disseminate our research in a variety of arenas and we value books, peer reviewed papers, reports, blogs and other communicative media in equal measure, recognising that all are necessary to reach a range of audiences. We work closely with our research students and set ambitious goals for them. We aim to infuse our undergraduate teaching with insights and examples from our own research, as well as that of colleagues around the world.

Our Current and Future Research

Today, Geography at Wollongong is building on its foundations. Since 2016 we have appointed new early career staff (Chantel Carr, Scott McKinnon, Nicole Cook, Isabelle Wolf), as well as Professor Pauline McGuirk. We work across three research platforms; Reworking Cities and Economies, Living Environmental Change, and Negotiating Everyday Sustainabilities. Yet, there are some significant commonalities of research interest among our staff and research students, notably human engagements with the animate and inanimate world in both everyday and extraordinary situations, and in urban, rural, and coastal settings.

Current Staff Research Interests

- URBAN, REGIONAL, AND RURAL RESTRUCTURING AND CHANGE
- SUSTAINABLE TRANSITIONS TO 'POST-CARBON' SOCIETIES
- URBAN GREENING AND FORESTS
- NATURE, MEANING, AND PLACE
- HOUSING, QUALITY OF LIFE AND PLACE
- CORPOREAL ENGAGEMENTS WITH THE NON-HUMAN
- MANAGING 'TROUBLESOME' NON-HUMAN SPECIES, INCLUDING INVASIVE SPECIES
- NATURAL HAZARD VULNERABILITY AND RESPONSE
- TECHNOLOGY AND EMPLOYMENT IN CREATIVE INDUSTRIES
- CITY GOVERNANCE AND INNOVATION

Research Profiles





SCOTT MCKINNON

VICE-CHANCELLOR'S POSTDOCTORAL RESEARCH FELLOW

Light shed on how marginal groups experience disasters

Vice-Chancellor's Postdoctoral Research Fellow Scott McKinnon's research has led to greater recognition for the ways in which marginal groups such as those in the LGBTIQ communities experience disasters.

Dr McKinnon, who is based in the Australian Centre for Culture, Environment, Society and Space, is a geographer and historian who has researched the history of sexuality and of the LGBTIQ (lesbian, gay, bisexual, transgender/transsexual, intersex and queer) community.

Dr McKinnon was involved in an Australian Research Council (ARC) Discovery Project from 2013-17 titled 'Queering Disasters in the Antipodes'. The project investigated the experiences of LGBTIQ communities in Australia and New Zealand who had experienced a disaster.

He argues that the human impacts of natural disasters vary across different social groups and contends that one group largely absent from scholarly and policy agendas is sexual and gender minorities, or LGBTIQ populations.

For instance, data from the devastating Queensland floods in 2011 have revealed the vulnerability facing LGBTIQ communities due to social and political marginality-- including discrimination and inhibited access to assistance.

Dr McKinnon's work in LGBTIQ histories has also had significant impacts. In 2018, for example, he co-produced a two-part radio documentary on the history of Sydney's Gay and Lesbian Mardi Gras for the ABC Radio National History Listen program.

Each part attracted a listening audio of around 46,000 people and, as podcasts, the programs have been downloaded more than 7,000 times. In 2019, the documentary was shortlisted for a prestigious NSW Premier's History Award in the Digital History category. The two parts of the documentary are available at: Part one: <https://www.abc.net.au/radionational/programs/the-history-listen/mardi-gras-1/9860340> Part two: <https://www.abc.net.au/radionational/programs/the-history-listen/mardi-gras-2/9887374>

Dr McKinnon, who has specialist expertise as an oral historian, is currently working on a project investigating memories of disaster in Australia.

"Everyone has an interesting story to tell and I enjoy the opportunity to sit with people and explore their memories and experiences," Dr McKinnon said.

He has two case study sites -- Canberra (looking at the ACT bushfires in 2003) and Brisbane (looking at floods in 1974 and 2011). His research draws on oral history interviews and news media analysis to investigate how memories of past disasters influence how disasters are understood, experienced and planned for in the present.

His first publication from this project was published in Geographical Research earlier this year: <https://onlinelibrary.wiley.com/doi/abs/10.1111/1745-5871.12335>

Together with Dr Margaret Cook (LaTrobe University) Dr McKinnon is co-editing an edited collection of histories of disaster in Australia and New Zealand that will be published by Palgrave MacMillan in 2020. The collection draws on papers presented at a workshop co-convened by Dr McKinnon and Dr Cook at UOW in 2019. The workshop was titled 'Unforgettable: Histories of Disaster in Australia and New Zealand' and was attended by a number of leading and emerging scholars of disaster history.



DR NICOLE COOK

LECTURER

Exploring resident experiences of developing suburbs

Dr Nicole Cook's research takes her into the heartland of suburbia and she has first-hand knowledge of resident experiences to rapidly developing suburbs.

Her research explores experiences of densification and the many elements that shape the governance and politics of home more broadly.

Dr Cook, a Lecturer in the School of Geography and Sustainable Communities, is currently undertaking home visits and neighbourhood tours exploring resident experiences of rapidly densifying suburbs.

"Through policy and legal analysis I am also examining flammable cladding, building defects and financial aspects of housing and home," she said.

On an international level, Dr Cook is working with Associate Professor Stuart Hodgkinson at the University of Leeds on multi-jurisdictional cladding crises, policies and responses.

Publications linked to her research on exploring densification and the many elements that shape the experience and politics of home more broadly include -- Cook, N. Davison, A. and Crabtree, L. (2016) *Housing and Home Unbound: Intersections in economics, politics and environment in Australia*. Routledge: Oxon -- Cook, N. Taylor, E., Hurley, J. Colic-Peisker, V. (2012) *Resident third party objections and appeals against planning applications: implications for higher density and social housing* AHURI Final Report Melbourne.

Other key publications in 2018 included – *More-than-human planning: the agency of buildings and bodies in the post-political city* (Geographical Research); and *Planning the post-political city: exploring public participation in the contemporary Australian city* (Geographical Research).

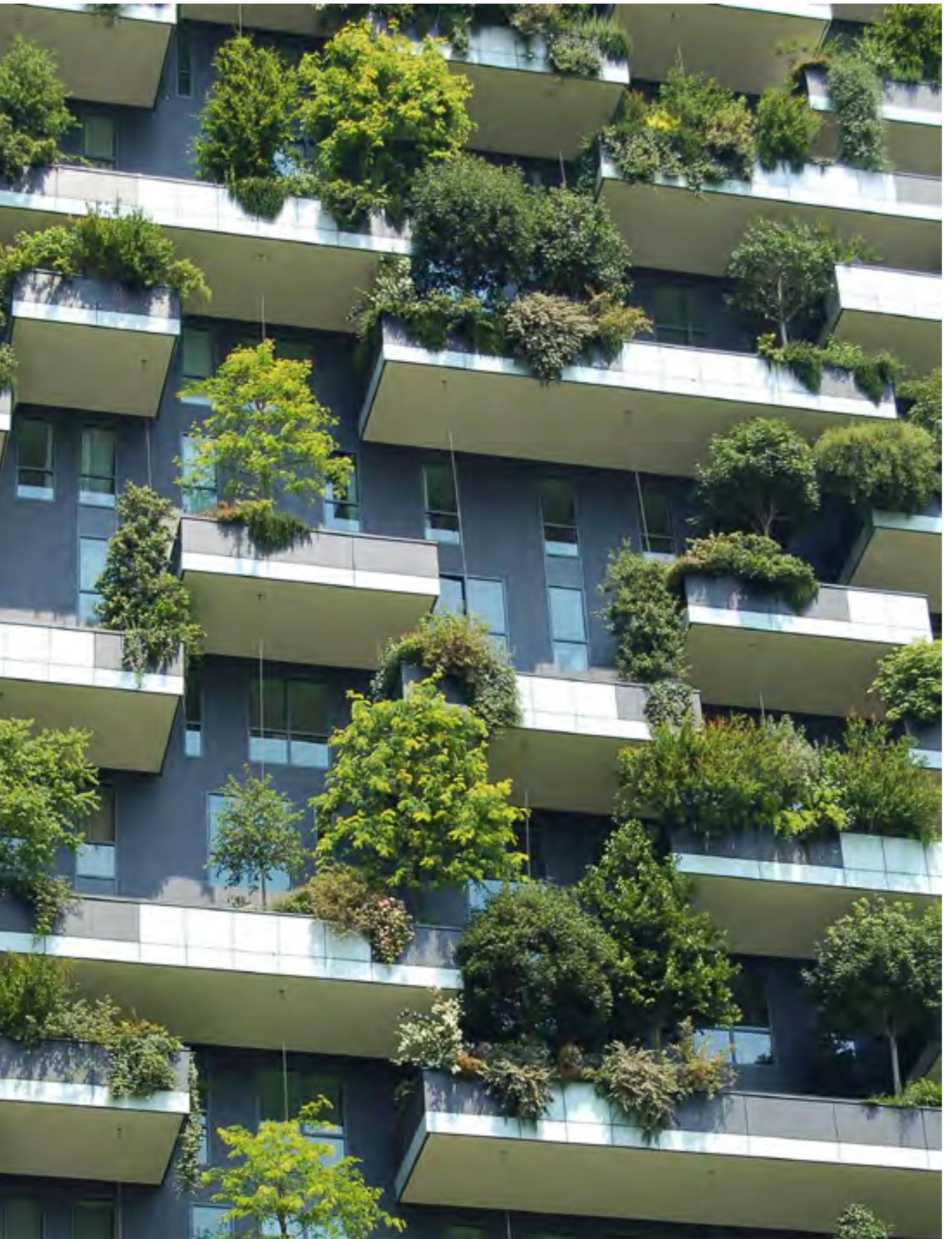
Dr Cook says a favourite aspect of her research is understanding how particular crises and/or moments of change come about and from this proposing new approaches to complex problems.

"Basically, I am an urban geographer researching the capacities of communities, residents, business and government to foster socio-ecological innovation in cities," Dr Cook said.

"My cross-disciplinary research in the field of urban geography, planning and housing reveals the potential of diverse actors and agents to create sustainable and equitable cities, spaces and homes.

"While this work is grounded in the context of contemporary market societies, my work is fundamentally concerned with charting opportunities for social justice."







ASSOCIATE PROFESSOR
NICHOLAS GILL

Researcher's passion for rural land resource management



Research Profiles



Associate Professor Nicholas Gill is never more at home than when he is out in the bush learning about people and their land.

The human geographer from the School of Geography and Sustainable Communities is keen to know what they do with it, how they think about it, their relationships with it, and the challenges and rewards they have.

While fieldwork is his passion, Professor Gill maintains a busy schedule as Acting Director of the Australian Centre for Culture, Environment, Society and Space (ACCESS) as well as serving as head of research for his school.

His main areas of research are the cultural and social aspects of rural natural resource management. His research has included cattle culture and land in Central Australia, Indigenous pastoralism, and weed and bushfire management by tree changer rural landowners.

He regards some of the bushfire research with Dr Christine Eriksen from ACCESS as possibly having the most impact, particularly the work on gendered dimensions of bushfire management -- see Eriksen, C., Gill, N., and Head, L. (2010), *The Gendered Dimensions of Bushfire in 'New' Rural Landscapes*, *Journal of Rural Studies*, 26 (4), 332-342.

His other research focuses on land and environmental management by lifestyle rural land owners (aka tree changers), particularly on weeds.

This work has led to Professor Gill's current research on weed management in Kosciuszko National Park -- see Gill, N., Klepeis, P. and Chisholm, L., (2010); *Stewardship among lifestyle oriented rural landowners*, *Journal of Environmental Planning and Management*, 53(3). 317-334. Abrams, J., Gosnell, H., Gill, N., and Klepeis, P. (2012); *Re-creating the Rural, Reconstructing Nature: Environmental Implications of Amenity Migration: An International Literature Review*, *Conservation and Society*, 10(3), 270-84 Klepeis, P., Gill, N. and Chisholm, L. (2009); and *Emerging Amenity Landscapes: Invasive Weeds and Land Subdivision in Rural Australia*, *Land Use Policy*, 26(2), 380-392.

Professor Gill said one project he was now working on was a meta-ethnography of a qualitative social research on weed management – “a bit like a qualitative version of a meta-analysis”.

“I'm also working with the NSW National Parks and Wildlife Service on weed hygiene practices in Kosciuszko National Park looking at trying to reduce the risks of bushwalkers carrying weed seeds into, or out of the park, on their shoes and clothing.”

Professor Gill is busy extending this to other park users and applying for funds to expand this work to encompass private landholders around the park for one particular high risk weed see <https://stand.uow.edu.au/hunt-for-hawkweeds/>

He is collaborating with Dr Leonie Miller, a UOW psychologist on this high country work.

Professor Gill also has some work on regenerative agriculture coming out soon – see Gosnell, H., Gill, N., and Moyer, M. (In Press) *Transformational adaptation on the farm: processes of change and persistence in transitions to 'climate-smart' regenerative agriculture*, *Global Environmental Change*.

On an international level, Professor Gill works with Hannah Gosnell at Oregon State University – in the past on rural lifestyle and more recently on regenerative agriculture. He also works with Peter Klepeis at Colgate University on rural lifestyle and is collaborating with an international authorship group on a review paper on collective action and weed management see -- Graham, S., Metcalf, A.L., Gill, N., Niemiec, R., Moreno, C., Bach, T., Ikutegebe, V., Hallstrom, L., Ma, Z., Lubeck, A. (2019); *Opportunities for better use of collective action theory in research and governance for invasive species management*. *Conservation Biology* 33, 275-287.



DR THOMAS BIRTCHELL

SENIOR LECTURER

Implications of technological change on labour and employment

As a core member of the Australian Centre for Culture, Environment, Society and Space (ACCESS) everything from mobility scooters to 3D printers fall into the ambit of research interest for Dr Thomas Birtchnell in his inquiries on the links between technologies and place.

The main research concern for the Senior Lecturer from the School of Geography and Sustainable Communities lies with the geographical and social aspects of technological change and its implications for labour and employment.

He focuses on how fringe technologies that foment hype and speculation in the public sphere and media do, or do not, scale up to have significance for people's experiences of space and place.

For example, Dr Birtchnell cites the situation if people can 3D print objects at home why build motorways to malls? And he asks: Do mobility scooters (or motorised wheelchairs) on pavements discourage people from walking? Can computers provide a critical ear to people's music? Does the outsourcing of jobs overseas to India create jobs in other countries for people from India?

He is author of multiple books including *Indovation* on information and communication technologies (ICTs) and outsourcing in India (<https://doi.org/10.4324/9781315776798>), *3D Printing for Development in the Global South* on using objects 3D printers for charity and aid (<https://doi.org/10.1057/9781137365668>), and *A New Industrial Future?* on 3D printing's consequences for global economic systems (<https://www.taylorfrancis.com/books/9781315776798>).

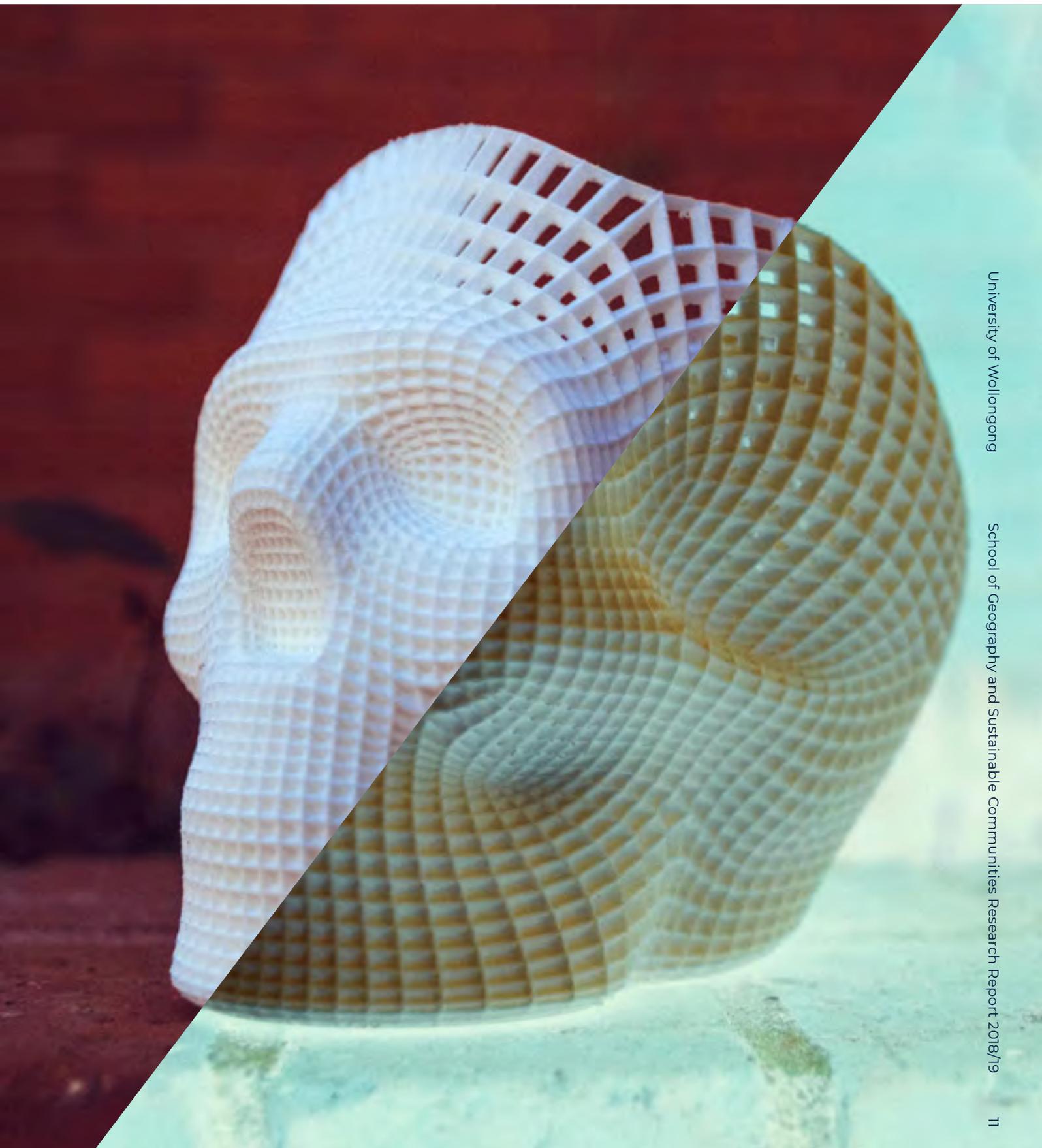
Dr Birtchnell believes the spread of 3D printers could enable greater access to the means of production for those enduring poverty in the Global South. A 3D printer is literally a technology that 'prints' out an object in three dimensions from a CAD file. 3DP is being hailed in some quarters as the harbinger of a third industrial revolution. It allows computers to convert virtual data into physical matter.

His outputs also include a regional specialisation on India across a range of topics: urban planning (<https://doi.org/10.1080/1369183X.2016.1205806>), transport (<https://doi.org/10.1080/09584935.2011.569702>), consumer movements (<https://doi.org/10.1177/1470593113489196>), wild animals and transportation (<https://doi.org/10.3167/TRANS.2016.060209>), and management ideologies (<https://doi.org/10.1080/00856400903049507>). Historical studies in Dr Birtchnell's portfolio include an award winning study of luxury objects in post-Second World War Britain and the emergence of the global trade imbalance (<https://doi.org/10.1111/area.12050>) and a consideration of the role of home production technologies (salt pans and spinning wheels) in India's Independence movement and Gandhi's link between Empire and global trade (<https://doi.org/10.1016/j.jtrangeo.2012.01.020>).

Dr Birtchnell is currently an investigator on two Australian Research Council (ARC) grants -- (1) a Discovery Project on artificial intelligence, robotics and enhanced humans in the future of work; and (2) a Linkage Project on powered mobility devices in transport futures.

He has also been funded as a consultant for the UK Government for two reports involving international linkages: 2018 Birtchnell, T., Daly, A., Rayna, T., and Striukova, L. *3D Printing and Intellectual Property Futures* UK Government Intellectual Property Office (Ref: ISBN 978-1-910790-43-4) 2014 Urry, J., Birtchnell, T., Caletrio, J. and Pollastri, S. - *Living in the City* (WP2) UK Government Office for Science, Foresight Future of Cities Project (Ref: GS/14/801).

Dr Birtchnell said he was privileged also to be working with a top group of PhD students -- Leigh Robinson who is researching the impact of automation on volunteering in Australian airports; Razia Sultana who is nearing completion of a study of urban green infrastructure in Dhaka's slums, (<https://doi.org/10.1016/j.ufug.2018.05.014>); Makrita Solitei who is studying waste supply chains in Kenya; and Alex York who is examining the emergence of artificial intelligence in healthcare.





Researchers with Impact



DR LEAH GIBBS
SENIOR LECTURER

How we negotiate ‘troublesome encounters’ with nature

Dr Leah Gibbs’ research in marine and coastal environments is playing an important part in keeping both humans and sharks safe.

She holds a high public profile nationally and internationally in the field especially through her legal and media appearances.

For two years (2017-19) she contributed as an expert witness to a legal case challenging use of lethal shark control measures in the Great Barrier Reef Marine Park. The case was run by the Environmental Defenders Office (EDO) NSW, on behalf of the Humane Society International Australia (HSI).

On 2 April 2019 the Administrative Appeals Tribunal handed down its decision in favour of HSI and EDO, NSW.

The Senior Lecturer from the School of Geography and Sustainable Communities described it as “a terrific win for the Great Barrier Reef and marine life”. The case was appealed in the Federal Court but the appeal was dismissed in September 2019.

Dr Gibbs is particularly interested in how we negotiate ‘troublesome encounters’ with nature.

This may be in how people use and value water in arid landscapes, negotiate protection of species that may pose a threat to human life, livelihood or valued environment, or make decisions about invasive species in the context of growing environmental change and uncertainty.

“I am a human geographer and my research emerges from training across the disciplines of geography and Indigenous Studies. That training has shaped my interest in learning and communicating across disciplines and with broader audiences.”

Dr Gibbs is a field-based researcher with experience working in arid and coastal Australia, northern Britain, and Tanzania.

Her current projects involve:

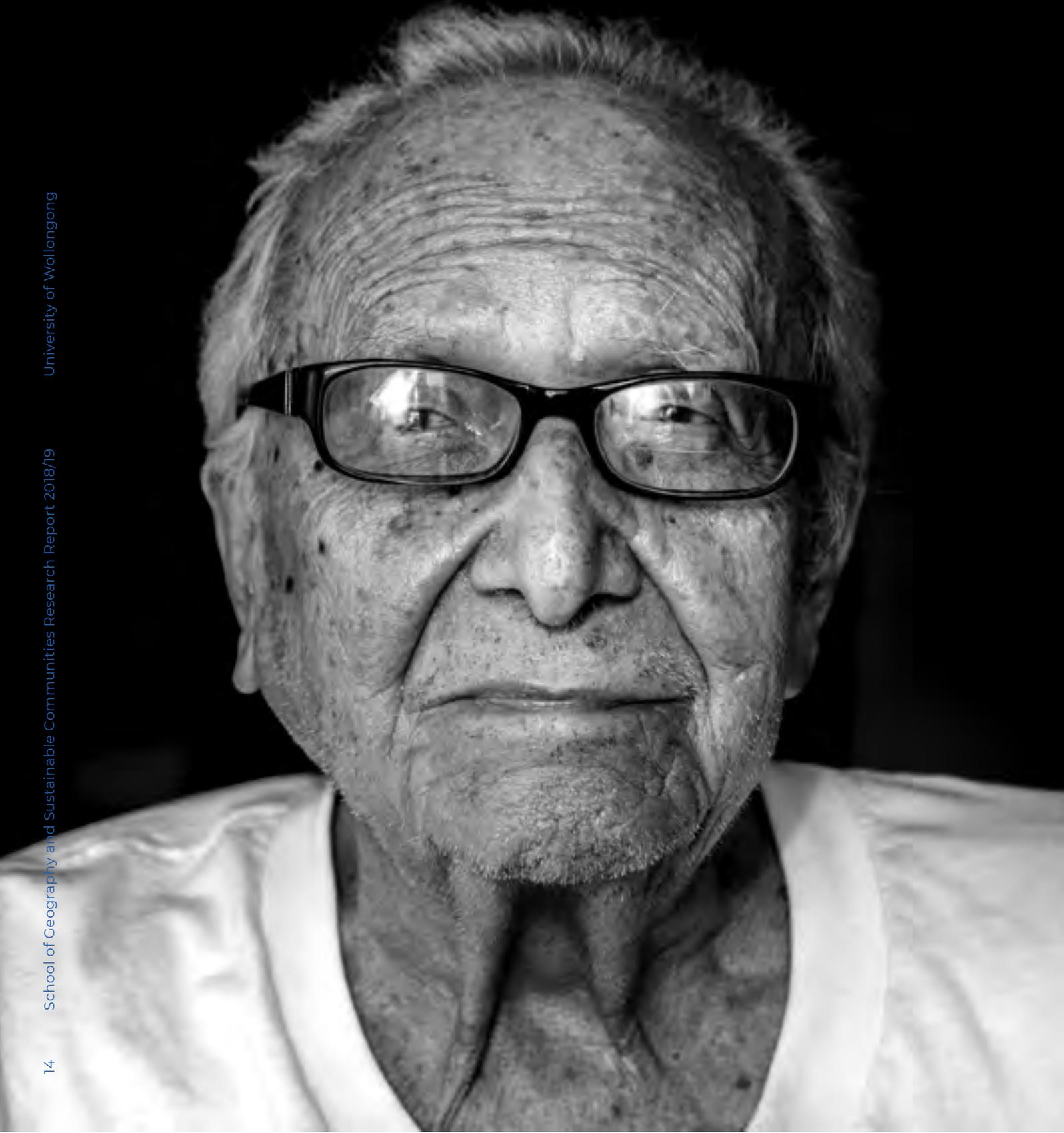
1) Human-shark encounters -- The cultures and politics of human-shark encounter and shark hazard management. To date her work has focused on experiences and views of ocean-users in Western Australia (with Andrew Warren, UOW), and interdisciplinary critique of the effects and effectiveness of lethal shark hazard management in New South Wales (with Lachlan Fetterplace, Matt Rees and Quentin Hanich, UOW). She is also working with an interdisciplinary group of researchers on Project AIRSHIP—a trial of non-lethal shark surveillance technology (with Kye Adams, Allison Broad, Andy Davis and Wanqing Li, UOW), and contributed to a NSW Department of Primary Industry grant to further investigate new non-lethal shark hazard management technologies.

2) Mapping the Islands -- Mapping the Islands: how art and science can save the Great Barrier Reef is a project which uses arts-science-social science collaboration to investigate and communicate about climate change. With coastal scientist Sarah Hamylton and artists Kim Williams and Lucas Ihlein, this UOW Global Challenges-funded project explores the efficacy of mapping, drawing, story-telling and other forms of communicating to interrogate the contemporary environmental and social changes that are altering the Great Barrier Reef.

3) Love of Country -- A Love of Country: mapping and re-imagining a UOW Geography curriculum is a project funded by the University of Wollongong Jindaola Indigenous educational development program. It creates an opportunity for colleagues in the School of Geography and Sustainable Communities to pay attention, explicitly and carefully, to the ways that geographic knowledge is produced and practised, and to further embed Indigenous knowledges and perspectives into the curriculum. Working with Laura Hammersley, Vanessa Cavanagh, Jenny Atchison, Chantel Carr, Gillian Gregory and Michael Adams, and PhD students Carrie Wilkinson, Hilton Penfold, Makrita Solitei and Craig Lyons, Dr Gibbs is seeking to engage the whole of School to map the existing UOW geography curriculum and rethink how it can support students to effectively and respectfully engage with Indigenous knowledges across its teaching.

4) Hope and grief in the geography classroom -- Human geography courses frequently touch on distressing material including the inevitability of climate change, food insecurity, the plight of refugees and asylum seekers and child labour. Discussions of how to communicate such information in the public sphere have garnered some attention, with concerns being raised that a ‘doom and gloom’ approach may be disempowering and counterproductive. This project (with Natascha Klocker, Charlie Gillon, Jenny Atchison and Gordon Waitt) engages the existing evidence base around strategies for communicating challenging issues, bringing the focus to the undergraduate classroom.

On the international scene, Dr Gibbs is Associate Editor for the international journal *People and Nature* (British Ecological Society). Her collaborations include working with colleagues at Durham University, on the connections between the ocean and the city. Another is a collaboration with colleagues at Université de La Réunion on shark hazard management.





DR CHRIS BRENNAN-HORLEY

LECTURER

Mapping out a better future for regional communities

Mapping ‘wellbeing’ – such as dementia-enabling environments – is a project theme defining real community benefits currently being undertaken by researcher Dr Chris Brennan-Horley.

The Lecturer and Academic Program Director in the School of Geography and Sustainable Communities is Chief Investigator on an Australian Research Council (ARC) grant called ‘Mapping the Effect of Social Enterprise on Regional City Disadvantage’.

He is also a UOW Global Challenges Keystone project leader for ‘Connections for Life with Dementia’ and in addition is involved in another Global Challenges project called ‘Blue futures: Managing and Planning for Coastal Change.’

“Broadly speaking, my research applies Geographic Information Systems (GIS) and qualitative research to cultural research problems,” Dr Brennan-Horley said.

Within the ‘Connections for life with Dementia’ project Dr Brennan-Horley leads an interdisciplinary team to understand how urban and apartment design features can promote or hinder social connection and wellbeing for people living with, or at risk of dementia.

The team uses a salutogenic framework (factors that support human health and wellbeing) to understand how manageable, meaningful and comprehensible Wollongong’s urban environment is for ageing apartment dwellers.

Initial research in Wollongong includes:

- Mapping interviews and walkarounds led by people with dementia and their carers
- Piloting a dementia-friendly home audit tool
- Developing a precinct audit tool for benchmarking urban streets in terms of their dementia-enabling elements

Mapping ‘wellbeing’ has emerged recently as a cross-cutting theme for various projects.

“As a geographer working with geospatial technologies, I treat maps as boundary spanners – as tools for working productively with different disciplines and stakeholders to reveal hidden or emerging geographies,” he said.

For example, Dr Brennan-Horley highlighted how an online Story Map created for the Blue Futures project involved working with creative artists, scientists, economists and ocean governance experts to create a living document that spoke in a unified voice.

“In this circumstance, the map became an ordering device for competing definitions of a ‘blue economy’. The map is impactful as it uses location to engage and educate various publics about an emerging phenomenon that is deeply rooted in place.”

Dr Brennan-Horley said overall the project team was “trying to imagine a blue future for southern NSW” where there were increases in sustainable jobs, incomes and security.

He said a blue economy also means preserving things that make the region unique such as heritage, diversity, culture and traditions.

“The plan is to embrace innovative technology and skills to achieve economic, environmental and social sustainability.”

The Blue Future project is strongly connected to Indigenous and community knowledges.

As well as the Blue Future project and Dementia-enabling environments, Dr Brennan-Horley is also working on applying qualitative GIS to another project – how wellbeing emerges for Social Enterprise employees.

Work-integrated social enterprises can combat social exclusion and create employment pathways for disadvantaged communities.

“Mapping the sites within a social enterprise where wellbeing is realised provides insights into how this overlooked and difficult to quantify element can be fostered and planned for.”

And what pleases Dr Brennan-Horley most in relation to the research he undertakes? “I continually get a kick out of watching maps do their work. Showing an audience a map visualisation of a particular socio-spatial issue I’ve worked on and seeing them make connections between people, place and the topic at hand is always energising.”



DR NATASCHA KLOCKER

SENIOR LECTURER

Human geographer's research key to rural policy making decisions

Dr Natascha Klocker's research, which is often conducted with marginalised groups such as former refugees, seeks to identify and support meaningful changes in participants' lives.

The main areas of research for the Senior Lecturer in the School of Geography and Sustainable Communities are refugee settlement, migration, population, racism, and the environmental knowledge and practices of ethnic minority migrants.

She investigates the ways in which Australians from migrant backgrounds feature, and participate in, national debates on population, environmental sustainability and climate change.

Reflecting her research interests, Dr Klocker is Editor (Human Geography) of the journal *Australian Geographer*, and is a member of the Advisory Board of the Food Next Door Co-operative.

Together with her colleagues (Professor Lesley Head and Dr Olivia Dun), Dr Klocker conducted research for an Australian Research Council (ARC) Discovery Project in Mildura, Victoria, which explored the environmental and agricultural knowledge of migrants and former refugees.

Over the course of the research, the team found that many former refugees have agricultural backgrounds and wish to farm but cannot afford land in Australia.

The research team organised a workshop in Mildura in 2016 including Regional Development Victoria (RDV), Mildura Rural City Council and the Sunraysia Mallee Ethnic Communities Council.

"We raised the idea, based on our research, of matching these 'landless farmers' with underutilised farmland," Dr Klocker said.

The immediate outcomes were a pilot project (the Sunraysia Burundian Garden, launched in 2016 on donated farmland), and the formation of a local food co-operative, Food Next Door (FND).

Due to the successful Sunraysia Burundian Garden, FND was awarded \$630,000 by RDV and \$80,000 by the Victorian Multicultural Commission in 2018 to establish a community farm.

Dr Klocker said the primary objective of FND and the community farm was to relieve the distress experienced by newly arrived migrants and refugee groups, particularly those without access to land and living in rural and regional areas.

Such groups, living in Mildura, have since been supported to re-engage in farming and to grow food, including their traditional foods (<https://www.foodnextdoor.org.au/>).

Related publications: Klocker, N., Head, L., Dun, O. and Spaven, T. (2018) 'Experimenting with agricultural diversity: migrant knowledge as a resource for climate change adaptation' *Journal*





of Rural Studies, 57: 13-24. <https://www.sciencedirect.com/science/article/pii/S074301671730116X> Dun, O., Bogenhuber, D., Head, L., Kadahari, J., Klocker, N., Niyera, J. and Sindyigaya, J. (2018) 'Bringing together landless farmers and unused farmland: the Sunraysia Burundian Garden and Food Next Door initiative' in: Rose, N. and Gaynor, A. (Eds) *Reclaiming the Urban Commons: The past, present and future of food growing in Australian towns and cities*. UWA Publishing: Crawley, pp. 39-52.

Dr Klocker is currently leading two research projects that explore former refugees' desires to move to rural Australia and the impacts of rural settlement on both former refugees and rural communities.

"This research is highly significant to policymakers given population pressures in urban Australia, rural population decline, and government emphasis on settling migrants outside major cities."



Research students



REN HU

PHD STUDENT

Aim to provide better support for dairy farmers

Economic geographer Ren Hu is helping to leave his mark in supporting the local Illawarra rural industry, particularly dairy farming.

A PhD student from the School of Geography and Sustainable Communities, Ren's research is focused on informing local policy makers on how agriculture can be better supported and preserved.

His PhD is on Australian agricultural restructuring and farmers' responses: a case study of the Illawarra region, New South Wales.

Ren says the favourite aspect of his research is examining agricultural/economic/technological transition and how the economy can continue to evolve.

Dairy farming dominates Illawarra agriculture and has been constantly pressured by industry restructuring and urban sprawl.

Ren highlights how dairy farmers have tried hard over the years to improve the viability of their business from various angles. He believes that farmers represent a class of people who are disadvantaged in the global capitalist system.

"My study provides a fine-level understanding of the transformation of local agriculture and may provide valuable insights for food authorities to enhance food security in a future characterised by environmental challenges and resource scarcity."

Ren's doctoral research is being undertaken under the supervision of Associate Professor Nicholas Gill and Dr Andrew Warren. Ren has been a co-author with Associate Professor Gill on two papers published as part of different studies for his Masters thesis in 2015 (Geographical Research) and 2016 (Society and Natural Resources).



INKA SANTALA

PHD STUDENT

Uncovering socio-political realities behind the ‘Sharing City’

Urban lifestyle and new smart technologies have made it possible for city residents to share space, skills and property effectively and reliably with their peers. Recently, many cities have witnessed the rise of various sharing initiatives, ranging from grassroots makerspaces and tool libraries to local connection hubs and cooperatives.

Following this increase in community-based sharing practices has been a new urban narrative of the ‘Sharing City’ – promoted by sharing advocates as a more socially just and environmentally sustainable vision for a future city. Yet, what are the realities behind this Sharing City ideal when it comes to the socio-political landscape in Sydney?

Taking part in community projects such as the Sharing Map and Sydney Commons Lab as an observing researcher, Geography PhD student Inka Santala has been able to explore the variety of ways communal sharing initiatives emerge, how they are organised and what kind of capabilities and agency they might nurture.

Her research to date shows communal sharing does not only bring visibility to alternative practices and identities already existing, but that the socio-political implications of these temporary demonstrations extend well beyond the initiatives themselves, potentially challenging contemporary economic norms and helping to preconfigure postcapitalist futures in the present.

Yet, she has found that the ad-hoc nature of communal sharing initiatives together with the risk of co-optation, silo-mentality and unintentional exclusion, might also inhibit this so called ‘sharing transformation’.

Some of the preliminary results have been presented in a research paper; Santala, I., McGuirk, P. (2019). Sharing cities: creating space and practice for new urban agency, capacities and subjectivities. *Community development*. DOI:10.1080/15575330.2019.1642928.

The title of Mrs Santala’s thesis is ‘Sharing Cities: New strategies for communal sharing’. Her research supervisors are Professor Pauline McGuirk and Professor Chris Gibson. Mrs Santala’s research has been supported by a University Postgraduate Award (UPA).



MAKRITA SOLITEI

PHD STUDENT

Life goes the full circle for Makrita’s research

For PhD student in Human Geography and Business Supply Chains, Makrita Solitei, her sights are clearly set on circular economies.

Such economies are focused on extending the useful life of products and materials – hence for instance, minimisation of waste.

Makrita currently has joint roles as a researcher at the School of Geography and Sustainable Communities as well as working as an Intern at the Illawarra Shoalhaven Joint Organisations for Councils. In 2018, Makrita was awarded an International Postgraduate Award Scholarship for four years to undertake her PhD.

She is now researching waste circular economies especially those in resource constrained communities.

Her aim is to study the concept of circular economies in waste and the impacts that grassroots innovations have on these communities.

The majority of her research is specifically targeted on Kenya.

Makrita is a Member of the Supply Chain Management Club, a Member of the Human Geography Society and a Member of the Australian Centre for Culture, Environment, Society and Space (ACCESS) which is based at UOW.

She is working on a collaborative project with industry and local councils in further understanding cradle to cradle operations in the waste circular economy of manufacturing industries.

In the project Makrita will be researching and identifying circular economy models by analysing manufacturing waste in the Illawarra and Shoalhaven for supply chain and business innovation.

Makrita said the favourite aspect of her research was experiencing and witnessing the impact grassroots innovation has had on communities and the waste supply chain in Kenya.

“In these resource constrained communities, there is a flourishing underground economy, job creation, political statements and upcoming skill development or trade schools as a result of grassroots innovation that is tailored to the requirements of the lower income earner -- and it works,” she said.

“I have not always followed a linear trajectory in life but I have continued to challenge the norms so as to identify gaps within the system to which I can contribute solutions.”

Awards & Professional Service

Awards

JENNY ATCHISON

2018 University of Wollongong Vice-Chancellor's Award for Interdisciplinary Research. Awarded for her role in *Blue Carbon Futures: Mangrove Regeneration in Vietnam, Brazil and Australia*.

CHRIS BRENNAN-HORLEY

2018 UOW Scholars Impact Story (Highly Commended). Awarded for Research and Action to Pioneer Dementia Friendly Communities: The 'Dementia Friendly Kiama' Story

SUSANNAH CLEMENT

2018 Geographical Society of NSW Post-Doctoral Scholars Award

FREYA CROFT

2019 Blue Charter Fellowship, Association of Commonwealth Universities

CHRISTINE ERIKSEN

2018 Highly Commended, Resilient Australia Awards, Australian Institute for Disaster Resilience. Awarded for the project *Resilient Together: Engaging the Knowledge and Capacities of Refugees for a Disaster Resilient Illawarra*

2018 Recognised as one of 145 'Women Leaders in Fire Science' by the journal *Fire*

NICHOLAS GILL

2019 Recognised in the University of Wollongong's *Best Practice in HDR Supervision* publication

SHEFALI JUNEJA LAKHINA

2018 Highly Commended, Resilient Australia Awards, Australian Institute for Disaster Resilience. Awarded for the project *Resilient Together: Engaging the Knowledge and Capacities of Refugees for a Disaster Resilient Illawarra*

PAULINE MCGUIRK

2019 MacDonal Holmes Medal. Awarded for Contribution to Geographical Research and Education in Australia (Geographical Society of NSW).

RACHEL REIMER

2019 Silver Distinguished Service Award, Association of Canadian Mountain Guides

ELYSE STANES

2018 Geographical Society of NSW Post-Doctoral Scholars Award

2018 Blue Charter Fellowship, Association of Commonwealth Universities

GORDON WAITT

2019 Fellow of the Academy of Social Sciences Australia



Professional Service Contributions

THOMAS BIRTCHNELL

2019 Editorial Board member, *Mobilities* (Taylor and Francis)

NICOLE COOK

2018 Co-convenor, National Housing Theory Symposium

2019-2020 Co-Editor, Special Issue of *Housing, Theory and Society* (Taylor and Francis)

CHRISTINE ERIKSEN

2019 Associate Editor, *Fire* (MDPI)

LEAH GIBBS

2014-2018 Councillor, Institute of Australian Geographers

2018- Associate Editor, *People and Nature* (British Ecological Society)

2018- Founding Chair, Institute of Australian Geographers Equity Reference Group

CHRIS GIBSON

Editor-in-Chief, *Australian Geographer* (Taylor and Francis)

2006- Editorial Board member, *Political Geography* (Elsevier)

2011-2019 Inaugural Editorial Board member, *Dialogues in Human Geography* (SAGE)

2017- Editorial Board member, *Economic Geography* (Taylor and Francis)

NICHOLAS GILL

2012-2019 Editorial Board member, *Geoforum* (Elsevier)

LAURA HAMMERSLEY

2017- Councillor, Geographical Society of NSW

ANJA KANNGIESER

2016-2022 Editorial Board member, *Environmental and Planning D: Society and Space* (SAGE)

NATASCHA KLOCKER

Editor (Human Geography), *Australian Geographer* (Taylor and Francis)

PAULINE MCGUIRK

Editor, *Progress in Human Geography* (Sage publications)

(2015–) Editorial board member of the peer review journals: *Geographical Research*; *Irish Geography*; *Geography Compass*; *Territory, Politics, Governance*; *Geographical Journal*

SCOTT MCKINNON

Vice-President of Oral History New South Wales



Staff

ASSOCIATE PROFESSOR MICHAEL ADAMS

DR JENNIFER ATCHISON, *Senior Lecturer*

DR THOMAS BIRTCHNELL, *Senior Lecturer*

DR CHRIS BRENNAN-HORLEY, *Lecturer*

DR CHANTEL CARR, *Associate Lecturer*

MS VANESSA CAVANAGH, *Associate Lecturer*

DR NICOLE COOK, *Lecturer*

DR CHRISTINE ERIKSEN, *Senior Lecturer*

DR LEAH GIBBS, *Senior Lecturer*

PROFESSOR CHRIS GIBSON

ASSOCIATE PROFESSOR NICHOLAS GILL

DR ANJA KANNGIESER, *Vice-Chancellor's
Postdoctoral Research Fellow*

DR NATASCHA KLOCKER, *Senior Lecturer*

PROFESSOR PAULINE MCGUIRK

DR SCOTT MCKINNON, *Vice-Chancellor's
Postdoctoral Research Fellow*

PROFESSOR GORDON WAITT

DR ANDREW WARREN, *Senior Lecturer*

DR ISABELLE WOLF, *Vice-Chancellor's
Postdoctoral Research Fellow*

Postgraduate Students 2018/2019

Lance Barrie (PhD) ‘The embodied dimensions of endurance cycling and the formation of gendered cycling identities’. Supervisors Gordon Waitt and Chris Brennan-Horley.

Rebecca Campbell (PhD) ‘Food and kitchens as gendered household sustainability practice in Pacific Island migrant households’. Supervisors Gordon Waitt and Nicholas Gill.

Vanessa Cavanagh (PhD) ‘Exploring the lived experiences and aspirations of Aboriginal women’s participation in cultural burning practices in NSW’. Supervisors Michael Adams and Laura Hammersley.

Freya Croft (PhD) ‘Historical representations of oceans’. Supervisors Michael Adams and Jenny Atchison.

Ryan Frazer (PhD) ‘Thinking care through assemblage: the corporeal politics of volunteering with refugees’. Supervisors Gordon Waitt and Ian Buchanan.

Ananth Gopal (PhD) ‘Growing cultures: cultivating culturally diverse ecological knowledge’. Supervisors Lesley Head and Natascha Klocker.

Ren Hu (PhD) ‘Australian agricultural restructuring and farmers’ responses: a case study of the Illawarra region, New South Wales’. Supervisors Nicholas Gill and Andrew Warren.

Kiera Kent (PhD) ‘Children’s play encounters: materiality and more-than-human theory’. Supervisors Leah Gibbs and Natascha Klocker.

Sophie-May Kerr (PhD) ‘Living with children in apartments: sharing, materials and space’. Supervisors Natascha Klocker and Chris Gibson.

Shefali Juneja Lakhina (PhD) ‘Resilient together: engaging the knowledge and capacities of refugees for a disaster resilient Illawarra’. Supervisors Christine Eriksen, Noel Castree and Nicholas Gill.

Marc Llewellyn (PhD) ‘An Examination of the Relationships that the People of Rarotonga have with Native and Non-Native Species; in order to Inform Conservation Strategy on the Island’. Supervisors Jenny Atchison and Nicholas Gill.

Craig Lyons (PhD) ‘Making things, producing culture, housing people? Competing visions of industrial land use in the contemporary city’. Supervisors Chris Gibson, Pauline McGuirk and Andrew Warren.

M. Abdul Malak (PhD) ‘Exploring the climatic and anthropogenic challenges to build livelihood vulnerability and resilience of Tanguar Haor in Bangladesh’. Supervisors Jenny Atchison and Noel Castree.

Rebecca McClung (PhD) ‘Recentring the Voices of Nonhuman Beings in Species Conservation, Environmental Education, and Protected Area Management: Towards More Effective and More Ethical Conservation Approaches’. Supervisor Leah Gibbs.

Hilton Penfold (PhD) ‘Material Geographies of the Tiny House: Downsizing the ‘Great Australian Dream’ for Sustainability’. Supervisors Gordon Waitt and Pauline McGuirk.

Vivian Pham (PhD) ‘Low-carbon retrofit for community housing and household resilience’. Supervisors Leah Gibbs, Gordon Waitt and Paul Cooper.

Rachel Reimer (PhD) ‘The Long Winter: A comparative study of gender, leadership and wellbeing among guiding and avalanche professionals in Canada and New Zealand’. Supervisor Chrsitine Eriksen.

Leigh Robinson (PhD) ‘The highs and lows of the airport: volunteering in an intensely mobile space’. Supervisors Thomas Birtchnell and Peter Caputi.

Inka Santala (PhD) ‘Sharing Cities: new strategies for communal sharing’. Supervisors Pauline McGuirk and Chris Gibson.

Ville Santala (PhD) ‘From experimentations to collaborative governance: The role and implications of experimentations in shaping Australian smart cities’. Supervisors Pauline McGuirk and Nicole Cook.

Makrita Solitei (PhD) ‘Managing Waste in Indigenous Communities Through a 3D Printing Centric Circular Economy’. Supervisors Thomas Birtchnell and Tillman Boehme.

Razia Sultana (PhD) ‘Urban Green Infrastructure in the Global South: adapting slums to climate change in Dhaka, Bangladesh’. Supervisors Thomas Birtchnell and Nicholas Gill.

Stephanie Toole (PhD) ‘Climate change adaptation in culturally-diverse Australian households’. Supervisors Natascha Klocker and Lesley Head.

Carrie Wilkinson (PhD) ‘Saving water for a rainy day: thinking through the materiality, agency and assemblage of water tanks and tank water in a changing climate’. Supervisors Leah Gibbs and Gordon Waitt.

Adam Woods (MPhil) ‘The applications and function of citizen science in growing community based knowledge’. Supervisors Nicholas Gill and Michael Adams.

Alexandre York (PhD) ‘Enhanced Humans, Robotics and the Future of Work’. Supervisors Thomas Birtchnell and Tillman Boehme.

Funding 2018/2019

INTERNAL FUNDING

Project title: Benchmarking, characterising and valuing the resources in bulky kerbside council collections

Investigators: Elyse Stanes, Tin Ng, David Steel, Mark Nelson, Paul Chad, Sarah Wright, Yvette Barrs, Nicole Parsons
Funding body: Global Challenges Seed Funding
Year: 2019
Amount: \$25,000

Project title: Coping with climate: Geographies of building system maintenance and repair in the mid-tier office sector

Investigators: Chantel Carr
Funding body: Social Sciences Early Career Researcher Grant
Year: 2019
Amount: \$8,091

Project title: Green Space, Liveability and Ethnic Diversity: A Geospatial Analysis

Investigators: Isabelle Wolf
Funding body: Vice-Chancellor's Postdoctoral Research Fellowship Scheme
Year: 2019
Amount: \$423,282

Project title: Liverpool to Liverpool: A Dialogue Between Two Cities

Investigators: Brogan Bunt, Lucas Ihlein, Sukhmani Khorana, Gordon Waitt
Funding body: International Links Grants
Year: 2019
Amount: \$2,000

Project title: Community perspectives on aid and remittances

Investigators: Stephanie Perkiss, Natascha Klocker, Olivia Dun, Yvonne Underhill-Sem
Funding body: Global Challenges Challenge Funding
Year: 2018
Amount: \$20,000

Project title: Finding the right flow: 3D printed fins for surfboards

Investigators: Marc in het Panhuis, Andrew Warren, Prabuono Kosasih, Julie Steele, Stephen Beirne
Funding body: Global Challenges Challenge Funding
Year: 2018
Amount: \$20,000

Project title: SCULL

Investigators: Hugh Forehead, Kristine French, Jennifer Atchison, Helen Murphy, Cole Hendrigan, Farzana Tanima, Ahm Anwar, Louella McCarthy
Funding body: Global Challenges Challenge Funding
Year: 2018
Amount: \$20,000

Project title: Future Makers

Investigators: Geoffrey Spinks, Teodor Mitew, Susan Bennett, Tillmann Boehme, Chantel Carr, Thomas Birtchnell, Wendy Nielsen, Shirley Agostinho, Sarah Howard, Helen Georgiou
Funding body: Global Challenges Keystone Funding
Year: 2018
Amount: \$200,000

Project title: PIECES

Investigators: Lyn Phillipson, Lisa Kervin, Christopher Brennan-Horley, Sarah Howard, Cathrine Neilsen-Hewett, Irina Verenikina, Kara Cappetta, Victoria Traynor, Richard Fleming, Phillippa Burns
Funding body: Global Challenges Keystone Funding
Year: 2018
Amount: \$200,000

Project title: 'Driving Change': Options for driving retirement with over 75 age groups

Investigators: Victoria Traynor, Melanie Randle, Gordon Waitt, Theresa Harada, Patricia Mundy, Karina Murray, Joanna Stirling, Nadine Veerhuis
Funding body: Global Challenges Project Funding
Year: 2018
Amount: \$48,380

Project title: Project AIRSHIP: automated blimp surveillance for conservation and human safety

Investigators: Kye Adams, Andrew Davis, Allison Broad, Leah Gibbs, Wanqing Li
Funding body: Global Challenges Project Funding
Year: 2018
Amount: \$25,000

Project title: Mind the Age Gap? - Revealing the Truth about Senior Travel at Peak Times

Investigators: Bo Du, Pauline McGuirk, Michal Strahilevitz, Pascal Perez, Thomas Birtchnell, Jun Ma, Muhammad Nouman Amjad Raja
Funding body: Global Challenges Seed Funding
Year: 2018
Amount: \$15,000

Project title: Resident perceptions of intensification: Western City and the transformation of local government

Investigators: Nicole Cook, Shanaka Herath, Cole Hendrigan
Funding body: Global Challenges Seed Funding
Year: 2018
Amount: \$14,856

Project title: Understanding Social Behaviour through Minimal Models of Collective Intelligence

Investigators: Patrick McGivern, Jennifer Atchison, Marian Wong

Funding body: Global Challenges Seed Funding

Year: 2018

Amount: \$11,698

Project title: Alternate urbanisms: an international comparative study

Investigators: Pauline McGuirk

Funding body: International Links Grants

Year: 2018

Amount: \$5,000

Project title: Implementing and evaluating weed hygiene practices using community based social marketing of track users in Kosciuszko National Park

Investigators: Nicholas Gill, Leonie Miller, Hillary Cherry

Funding body: Social Sciences Partnership Grant

Year: 2018

Amount: \$20,000

Project title: Secondary settlement of former refugees in regional Australia: evaluation of 'The Great South Coast Economic Migration Project'

Investigators: Natascha Klocker, Emmanuel Musoni

Funding body: Social Sciences Partnership Grant

Year: 2018

Amount: \$25,187

EXTERNAL FUNDING

Project title: Pedalling for Change: Cultural Geography for Traffic Congestion Innovation

Investigators: Gordon Waitt, Teresa Lea, Ian Buchanan, Glen Fuller

Funding body: Australian Research Council Discovery Project

Year: 2019

Amount: \$373,000

Project title: In it to win it: An interdisciplinary investigation of sports betting

Investigators: Ross Gordon (QUT), Gerda Reith, Gordon Waitt, Joseph Ciorciari, Lauren Gurrieri

Funding body: Australian Research Council Discovery Project

Year: 2019

Amount: \$267,000

Project title: Managing wild and weedy Australia across boundaries and disciplines

Investigators: Nicholas Gill, Sonia Graham, Roger Cousens, Robyn Bartel

Funding body: Australian Academy of Science Fenner Research Conferences

Year: 2019

Amount: \$10,000

Fellowship

Investigators: Elyse Stanes

Funding body: The Association of Commonwealth Universities Blue Charter Fellowship

Year: 2019

Amount: £10,000

Project title: Driving in the Senior Years

Investigators: Victoria Traynor, Nadine Veerhuis, Melanie Randle, Patricia Mundy, Gordon Waitt, Theresa Harada, Karina Murray, Dimity Pond, John Carmody, Catherine Andrew

Funding body: Transport NSW Community Road Safety Grant

Year: 2019

Amount: \$22,811

Project title: Economic geographies of transition: beyond Australian automotive production

Investigators: Andrew Warren

Funding body: Australian Research Council Discovery Early Career Researcher Award

Year: 2018

Amount: \$373,996

Project title: Integrated Futures for the use of Motorised Mobility Devices

Investigators: Gordon Waitt, Thomas Birtchnell, Stacy Carter, David Sinclair

Funding body: Australian Research Council Linkage Projects

Year: 2018

Amount: \$356,000

Selected Research Publications 2018/2019

Full lists of publications can be found on each researcher's UOW Scholars page: <https://scholars.uow.edu.au/people>

STAFF

MICHAEL ADAMS

Adams, M. (2019). Outlier. Writing the Country. *Griffith Review* 63.

Adams, M. (2018). Wild Children. In G. Cederlof and M. Rangarajan (Eds.), *At Nature's Edge: The Global Present and Long-term History* (pp. 1-24). New Delhi, India: Oxford University Press.

JENNIFER ATCHISON

Atchison, J. (2019). Between disgust and indifference: Affective and emotional relations with carp (*Cyprinus carpio*) in Australia. *Transactions of the Institute of British Geographers*, 44, 735-748.

Atchison, J. (2019). Green and blue infrastructure in Darwin; Carbon Economies and the social and cultural dimensions of valuing urban mangroves in Australia. *Urban Science*, 3, 86.

THOMAS BIRTCHNELL

Birtchnell, T. (2018). Listening without ears: Artificial intelligence in audio mastering. *Big Data and Society*, 5, 1-16.

Birtchnell, T., Harada, T., Waitt, G. (2018). On the verge of change: Maverick innovation with mobility scooters. *Environmental Innovation and Societal Transitions*, 7, 118-128.

CHRISTOPHER BRENNAN-HORLEY

Farmer, J., De Cotta, T., Kamstra, P., **Brennan-Horley, C.** & Munoz, S. (2019). Integration and segregation for social enterprise employees: A relational micro-geography. *Area*, doi.org/10.1111/area.12567.

Phillipson, L., Hall, E., Cridland, R., Fleming, R., **Brennan-Horley, C.**, Guggisberg, N., Frost, D., and Hasan, H. (2019). Involvement of people with dementia in raising awareness and changing attitudes in a dementia friendly community pilot project. *Dementia*, 18, 2679-2694.

CHANTEL CARR

Carr, C., McGuirk, P. and Dowling, R. (2019). Geographies of energy transition: The case of high-performing commercial office space in the central business districts of Sydney and Melbourne, Australia. *Australian Geographer*, 50, 29-48.

Carr, C., Gibson, C., Staynes, E. and Warren, A. (2018). Work, value and space: Three key questions of making for the Anthropocene. In L. Price and H. Hawkins (Eds.), *Geographies of Making, Craft and Creativity*, Routledge, Abingdon, 94-107.

VANESSA CAVANAGH

Cavanagh, V. (2019). Aboriginal women and caring for Country in NSW, Australia, <https://yourforestpodcast.com/good-fire-podcast/2019/10/16/39x21icgmd101pd7tj2qqzsajy0jh6>

NICOLE COOK

Hadfield, P. and **Cook, N.** (2019). Financing the low-carbon city: can local government leverage public finance to facilitate equitable decarbonisation? *Urban Policy and Research*, 37 13-29.

Cook, N. (2018). More-than-human planning: the agency of buildings and bodies in the post-political city. *Geographical Research*, 56, 368-381.

CHRISTINE ERIKSEN

Eriksen, C. (2019) Coping, caring and believing: The embodied work of disaster recovery workers. *Emotion, Space and Society*, 32, 100592

de Vet, E., and Eriksen, C. (2019) When insurance and goodwill are not enough: Bushfire Attack Level (BAL) ratings, risk calculations and disaster resilience in Australia. *Australian Geographer*, doi.org/10.1080/00049182.2019.1691436.

LEAH GIBBS

Gibbs, L. (2019). Animal Geographies I: hearing the cry and extending beyond. *Progress in Human Geography*, doi.org/10.1177/0309132519863483.

Gibbs, L., Fetterplace, L., Rees, M. and Hanich, Q. (2019). Effects and effectiveness of lethal shark hazard management: the Shark Meshing (Bather Protection) Program, NSW, Australia. *People and Nature* doi.org/10.1002/pan3.10063.

CHRISTOPHER GIBSON

Gibson, C. (2019). Economic geography, to what ends? From privilege to progressive performances of expertise, *Environment and Planning A: Economy and Space*, 51, 805-813.

Gibson, C. and Gordon, A. (2018). Rural cultural resourcefulness: how community music enterprises sustain cultural vitality. *Journal of Rural Studies* 63, 259-270.

NICHOLAS GILL

Gosnell, H., **Gill, N.** and Voyer, M. (2019). Transformational adaptation on the farm: Processes of change and persistence in transitions to 'climate-smart' regenerative agriculture, *Global Environmental Change*, 59, doi.org/10.1016/j.gloenvcha.2019.101965

Gill, N., Graham, S, Cross, R., and Taylor, E. (2018). Weed hygiene practices in rural industries and public land management: Variable knowledge, patchy implementation, inconsistent coordination, *Journal of Environmental Management*, <https://www.sciencedirect.com/science/article/pii/S0301479718306595>.

THERESE HARADA

Waite, G., Harada, T. (2019). Space of energy well-being: Social housing tenants' everyday experiences of fuel poverty *Transactions of the Institute of British Geographers*, 44, 794-807.

Stratford, E., **Waite, G.**, and **Harada, T.** (2019). Walking city streets: Spatial qualities, spatial justice, and democratising impulses, *Transactions of the Institute of British Geographers*, doi.org/10.1111/tran.12337.

ANJA KANNEGIESER

Kannegieser, A. and Gibb, R. (2019). Sonifying the world. In K. Doughty, M. Duffy and T. Harada (Eds.), *Sounding Places: More-Than-Representational Geographies of Sound and Music*. Edward Elgar Publishing Limited, 153-160.

NASTASCHA KLOCKER

Head, L., Klocker, N. and Aguirre-Bielschowsky, I. (2019). Environmental values, knowledge and behaviour: contributions of an emergent literature on the role of ethnicity and migration. *Progress in Human Geography*, 43, 397-415.

Klocker, N. Head, L., Dun, O. and Spaven, T. (2018). Experimenting with agricultural diversity: migrant knowledge as a resource for climate change adaptation. *Journal of Rural Studies*, 57, 13-24.

PAULINE MCGUIRK

McGuirk P.M., Dowling, R. and **Carr, C.** (2019). The material politics of smart building energy management: a view from Sydney's commercial office space, *Political Geography* 74 doi.org/10.1016/j.polgeo.2019.102034.

Baker, T., **McGuirk, P.M.** (2019). Out from the shadows? Voluntary organisations and the assembled state, *Environment and Planning C*, doi.org/10.1177/2399654419843541.

SCOTT MCKINNON

McKinnon, S. (2019). Remembering and forgetting 1974: The 2011 Brisbane floods and memories of an earlier disaster. *Geographical Research*, 57, 204-214.

McKinnon, S. (2018). Maintaining the school closet: The changing regulation of homosexuality and the contested space of the school in NSW, 1978 to 1984. *Australian Geographer*, 49, 185-198.

GORDON WAITT

Waite, G., Stratford, E. and **Harada, T.** (2019). Rethinking the geographies of walkability in small city centers. *Annals of the American Association of Geographers*. 109, 926-942.

Waite, G., Buchanan, I., and Duffy, M., (2019). Lively cities made in sound: A study of the sonic sensibilities of listening and hearing in Wollongong, New South Wales, *Urban Studies*, doi.org/10.1177/0042098019871170.

ANDREW WARREN

Warren, A. (2019). Labour geographies of workplace restructuring: An intra-labour analysis. *Antipode*, 51, 681-706.

Gibson, C. and **Warren, A.** (2018) Creative industries, global restructuring, and new forms of subcultural capitalism: the experience of Australia's surf industry. *Australian Geographer* 49, 455-467.

ISABELLE WOLF

Wolf, I., Croft, D., Green, R. (2019). Nature conservation and nature-based tourism: a paradox? *Environments*. 6, <https://www.mdpi.com/2076-3298/6/9/104/pdf>.

Sumanapala, D., and **Wolf, I.** (2019). Recreational ecology: A review of research and gap analysis. *Environments*. 6, <https://www.mdpi.com/2076-3298/6/7/81/pdf>.

SELECTED HONORARIES AND ASSOCIATES**NOEL CASTREE**

Castree, N. (2019). Have new map, will travel, *Dialogues in Human Geography*, 9, 22-25.

SUSANNAH CLEMENT

Clement, S. and **Waite, G.** (2019). Pram mobilities: affordances and atmospheres that assemble childhood and motherhood on-the-move, *Children's Geographies*, 16, 252-265.

ELIZA DE VET

de Vet, E., Eriksen, C., Booth, K., French, S. (2019). An unmitigated disaster: shifting from response and recovery to mitigation for an insurable future. *International Journal of Disaster Risk Science*, 10, 179-192.

OLIVIA DUN

Head, L., Klocker, N., Dun, O., Aguirre-Bielschowsky, I. (2019). Cultivating engagements: Ethnic minority migrants, agriculture, and environment in the Murray-Darling basin, Australia. *Annals of the American Association of Geographers*. 109, 1903-1921.

CHARLIE GILLON

Gillon, C. and **Gibbs, L.** (2019). Coastal homemaking: Navigating housing ideals, home realities, and more-than-human processes. *Environment and Planning D: Society and Space*. 37, 104-121.

Selected Research Publications 2018/2019

LAURA HAMMERSLEY

McLean, J., Lonsdale, A., **Hammersley, L.**, O’Gorman, E., Miller, F. (2018) Shadow waters: Making Australian water cultures visible, *Transactions of the Institute of British Geographers*, 43, 615-629.

LESLEY HEAD

Dun, O., Klocker, N., Head, L (2018). Recognising knowledge transfers in ‘unskilled’ and ‘low-skilled’ international migration: Insights from Pacific Island seasonal workers in rural Australia, *Asia Pacific Viewpoint*, <https://onlinelibrary.wiley.com/doi/pdf/10.1111/apv.12198>.

VICTORIA IKUTEGBE

Graham, S., Metcalf, A., **Gill, N.**, Niemiec, R., Moreno, C., Bach, T., **Ikutegbe, V.**, Hallstrom, L., Ma, Z., Lubeck, A. (2019). Opportunities for better use of collective action theory in research and governance for invasive species management. *Conservation Biology*, 33, 75-287.

SHEFALI LAKHINA

Lakhina, S., Eriksen, C., Thompson, J., Aldunate, R., McLaren, J. and Reddy, S. (2019). People from refugee backgrounds contribute to a disaster-resilient Illawarra. *The Australian Journal of Emergency Management*, 34, 19-20.

ELYSE STAYNES

Stanes, E. (2019). Clothes-in-process: Touch, texture, time. *Textile*, 17, 224-245.

ALEX TINDALE

Klocker, N., Tindale, A. (2019). Together and apart: relational experiences of place, identity and belonging in the lives of mixed-ethnicity families. *Social and Cultural Geography*, <https://www.tandfonline.com/doi/full/10.1080/14649365.2018.1563710>.

LOUISA WELLAND

Waitt, G., Welland, L. (2019). Water, skin and touch: migrant bathing assemblages. *Social and Cultural Geography*, 20, 24-42.





CONTACT INFORMATION

T: +61 2 4221 8016

F: +61 2 4221 3102

E: Geography-Admin@uow.edu.au

Building 41
School of Geography and
Sustainable Communities
University of Wollongong

Northfields Avenue
WOLLONGONG NSW 2522
AUSTRALIA



**UNIVERSITY
OF WOLLONGONG
AUSTRALIA**