



THE UNIVERSITY OF
MELBOURNE

Melbourne Sustainable
Society Institute

ANNUAL REPORT 2020



Credits

Melbourne Sustainable Society Institute
Annual Report 2020

The Melbourne Sustainable Society Institute (MSSI) is situated on the land of the Woiwurrung (Wurundjeri) people of the Kulin Nation and conducts its activities on Aboriginal land. This land has never been ceded and the impacts of colonisation are ongoing.

MSSI acknowledge Traditional Custodians' continuous care for country, the importance of Indigenous sustainability practices and knowledge, and the Woiwurrung and Boon Wurrung's ongoing contributions to the life of this city and region. MSSI pays respect to Elders past and present, and emerging leaders.

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From the Directors



Professor Brendan Gleeson
Director



Dr Sangeetha Chandrashekeran
Deputy Director

2020 saw numerous storms and unexpected currents that challenged us as an Institute, but it also reaffirmed both the direction and strength of the journey that we have been charting. From catastrophic bushfires to COVID-19, the importance of sustainability, resilience and withstanding and adapting to shocks were at the fore of public, community and industry debate.

There has never been a more important time to be facilitating research and undertaking engagement on these issues. The impact of the pandemic on the University's finances, and consequently on MSSl's budget, remains a significant ongoing challenge, and the pandemic has hit the student experience hard.

The MSSl team have weathered the storm with strength and determination - relocating overnight to working from home arrangements, home-schooling whilst continuing to teach and research, and translating and communicating sustainability research from remote locations.

Simply managing the everyday proved demanding, and stretching beyond to push new frontiers of research and engagement was a challenge for us all. Our heartfelt thanks to our hard-working team and our colleagues and supporters, for their forbearance and goodwill.

MSSl has adapted in ways we hadn't previously imagined, and embraced silver linings along the way. Virtual seminars have helped us reach new and diverse audiences, and our own governance, including the convening of our Advisory Board, has been reshaped by the use of technology. We appreciate the versatility of all who tried, persisted and triumphed in the new virtual world we were thrown into.

Looking forward, 2021 unfolds with uncertainty but also promise. MSSl is delighted to have Professor Sarah Bell, who joined us in February 2021, in the City of Melbourne Chair in Urban Resilience and Innovation, extending the good work of Professor Lars Coenen and forging her own exciting work program in collaboration with the City of Melbourne. The University's new Melbourne Climate Futures initiative will help in organising, building and translating the University's work on the threat and impacts of global heating, and presents exciting opportunities for MSSl and our stakeholders in the year ahead.

Professor Brendan Gleeson, Director
Dr Sangeetha Chandrashekeran, Deputy Director

About Us

MSSI is one of the University's five Melbourne Interdisciplinary Research Institutes and plays a vital role in harnessing the University's research expertise to address the complex socio-environmental challenges and crises that we face, locally, nationally, and globally.

MSSI's small yet dynamic team is hosted within the Faculty of Architecture, Building and Planning. In collaboration with our colleagues from all corners of the University, we strive to strengthen and activate interdisciplinary sustainability-focused research that contributes thought leadership on critically important sustainability issues, and effects positive change through transformative approaches to real world problems.

MSSI connects researchers from across the disciplinary spectrum on the theme of sustainability, fostering new and sometimes unlikely collaborations that emphasise the human impacts of environmental and social sustainability challenges. We translate research, and engage academic, policy-making and community audiences to achieve impact.

Being a great place to work, and a great partner to work with, is central to MSSI's success. We approach our staff, students, colleagues, research partners, participants and other key stakeholders with respect, and strive to embed diversity and inclusion principles in everything we do recognising that more still remains to be done.

Research Areas

MSSI leads and facilitates impactful University research initiatives that extend beyond Melbourne to regional Victoria, Australia and internationally. MSSI's research is characterised by a strong commitment to fostering enduring interdisciplinary connections with researchers from the University of Melbourne and other institutions, and with key government, industry and NGO stakeholders, and partners from the community.

RESILIENT CITIES AND REGIONS

Gippsland Smart Specialisation Strategy (GS3)

In 2020 MSSI's collaboration with RMIT and the Latrobe Valley Authority (LVA) embedding Smart Specialisation Strategy approaches in the Gippsland region entered its third year. In late 2017, following the closure of the Hazelwood Power Station, the LVA launched this regionally-focused innovation program to revitalise the region's economy and support communities. The goal was to build new partnerships through co-design and knowledge exchange between government, industry, tertiary education providers and community. By 2020, over 3000 individuals and organisations had been engaged, helping lay the foundations for longer-term development of a sustainable and resilient innovation system in Gippsland centred around food and fibre, energy, health and wellbeing, and the visitor economy. A number of pilot projects stemming from this work will soon be underway, including a collaborative craft malting facility and the development of new bio and geothermal renewable energy sources as the region charts a new path beyond coal-fired power generation. A major achievement of the GS3 team has been assisting the LVA in designing and analysing the first regional business innovation survey in Victoria. The results were published in a MSSI report and are being taken up by other regions across Australia. A further report titled 'Developing and implementing an approach to regional innovation and development in Gippsland' provides an overview of the GS3 achievements over the last three years.

The Greater Melbourne Urban Exchange



MSSI and the Connected Cities Lab continued their work with the Lord Mayor's Charitable Foundation to develop a formal knowledge exchange and engagement hub that examines the major urban challenges affecting greater Melbourne. The Greater Melbourne Urban Exchange will provide a mechanism for convening relevant expertise to address compelling and persistent problems, and formulate well-conceived and targeted responses to critical issues impacting Melbourne's urban landscape and its populace. In 2020 the program delivered a Benchmarking Report outlining the potential future themes and activities to foster Melbourne's transition toward a healthier and more and sustainable city.

Urban Awakenings: Disturbance and Enchantment in the Industrial City

Based on walks around urban Melbourne during 2020, Professor Brendan Gleeson and Dr Samuel Alexander authored a book of urban investigations that explore the industrial city through different lenses. The book is based on the idea that a state of 'enchantment' is important for ethical and political engagement on cities. The authors argue that a sense of enchantment can give people the impulse to care and engage in an increasingly troubled world, whereas disenchantment can lead to resignation. These urban investigations were disrupted midway by COVID-19, but the global pandemic reaffirmed the book's central thesis of a fractured modernity vulnerable to various internal contradictions.

Nature-Based Solutions for Building Urban Resilience

During the Melbourne COVID-19 lockdown, MSSl brought together practitioners from industry, local government and academia in an online forum to discuss the importance of urban nature-based solutions to address challenges around health, biodiversity, pollution and the effects of climate change. Dr Sebastian Fastenrath and Dr Judy Bush chaired the discussion where Martin Hartigan from the City of Melbourne spoke about the Living Melbourne Strategy, and Rachel Lopes from City West Water shared her experience with the Chain of Ponds Collaboration.

The Disability Inclusive City

This Australian Research Council (ARC) Discovery project, a collaboration between MSSl and the School of Geography, aims to advance disability inclusion in our cities. The project maps the barriers and feasible adjustments that can be made to render the City of Melbourne more inclusive for people with different kinds of disabilities. In 2020 the project team's research was published in three journals and a book. The *Cities* journal article examines practical ways to give voice to, and embed the lived experience of people with disability in prioritising important initiatives to enhance social inclusion in the city. It also explores the perceptions of local government about what initiatives are feasible to implement.

Sustainable Development Goals (SDGs) and Climate Change

In 2020 MSSl supported the SDG Cities Challenge, a participatory action project led by the University's Connected Cities Lab working collaboratively with participating cities to produce implementation plans around a nominated SDG target. Central to the program was a three-day SDG Climate Change and Cities Symposium, hosted by the Faculty of Architecture, Building and Planning, which showcased the role cities and their urban partners are playing to implement the SDGs. MSSl's Professor Brendan Gleeson moderated a keynote panel on 'SDGs, Cities Acting on Climate Change, Encouraging a Circular Economy', featuring insights from Claire Ferres Miles, CEO of Sustainability Victoria, and Patrick Cobbinah, CEO of the Business Council for Sustainable Development Australia and ABP Urban Planning researcher.

Future-Proof Cities Through Governance Experiments

This journal article, co-authored by MSSl Honorary Professor Lars Coenen and Dr Sebastian Fastenrath was published in *Regional Studies* and presents an analytical framework for unpacking the principles and structures of governance experiments. With a focus on Resilient Melbourne, it outlines how governance experiments can function as platforms for testing new ways of collaboration and driving transformative change.



CLIMATE

The Climate Reality Project (TCRP)

In 2020 the Australia and Pacific Branch of TCRP, hosted by MSSI, supported the delivery of TCRP's first ever online global training led by the Honourable Al Gore. There was a strong contingent of University of Melbourne staff and students participating in the training, building further on the local network of Climate Reality Leaders who trained with Mr Gore and the TCRP team in Brisbane in 2019. Since July 2020, almost 10,000 people have completed the training, with 149 countries represented, helping drive greater public awareness of climate challenges and solutions. Along with its commitment to public outreach and education, the Australia and Pacific Branch work with state and local governments and the business sector to build ambition and commitment to climate action.

In October, TCRP hosted '24 Hours of Reality', an annual day of presentations led by Al Gore and trained Climate Reality Leaders around the globe, to urge action on climate. The online format opened new horizons for our branch, with our sessions reaching a global audience.

Implementing the Paris Climate Agreement

MSSI's Professor Don Henry was awarded funds from the Lord Mayor's Charitable Foundation in 2020 for a project working with state governments to develop clean economies as part of COVID-19 recovery, and to submit subnational plans to the Glasgow November 2021 Conference of Parties for Paris Agreement implementation. This project identifies opportunities to accelerate the growth of clean economies tracking towards achieving the Paris Agreement goals. It will focus on encouraging mainstream economic agencies at the state level as they explore how to accelerate clean economies as part of COVID-19 recovery strategies, and for 'subnational' implementation of the Paris Agreement.

Towards 2030 Climate Webinar Series

During the pandemic lockdown of 2020 MSSI extended our research and engagement reach to new audiences through the delivery of a four-part online webinar series 'Towards 2030: Climate Action for the Crucial Decade Ahead'. With the world's nations due to meet at the international climate negotiations in Glasgow in November 2021 we felt it important to analyse the actions required during this crucial decade in a public forum.



The webinars connected academic scholars with experts from government, industry, business and the non-profit sectors to discuss the actions needed to meet global climate goals by 2030. The topics and speakers were:

- **Climate Targets, Assessments and Science:** Dr Sophie Lewis, Professor Tim Flannery and Professor Don Henry.
- **Clean Investment and the Costs of Climate Inaction:** Emma Herd (Investor Group on Climate Change), Ian Learmonth (Clean Energy Finance Corporation), with Professor Tom Kompas and Professor Don Henry.
- **The US Election and Paris Implementation:** Roy Neel (Former Deputy Whitehouse Chief of Staff to President Clinton), Catherine Flowers (US Centre for Rural Enterprise and Environmental Justice), with Professor Don Henry.
- **Adaptation from Australia to the Pacific Islands:** Tearinaki Tanielu (Kiribati Ministry for Foreign Affairs and Immigration), Tina Eonemto Stege (Climate Envoy for the Government of the Republic of the Marshall Islands), Genevieve Mortimer (Project Manager at Climate-KIC Australia), Djarra Delaney (PhD candidate), with Professor Jon Barnett and Dr Janine Felson.



Dr Janine Felson joined the MSSSI team in 2020 as a Research Fellow. Janine's extensive diplomatic career includes involvement in the development of the 2030 Agenda for Sustainable Development, the Paris Climate Agreement, and the United Nations Convention on the Law of the Sea. Janine's primary focus is on integrating global policy for sustainable development, climate change and ocean through new or improved financial frameworks and governance structures.



Bushfire Prevention Program

2020 opened with Australia experiencing our worst ever season of bushfires, with strong causal links to climate change. MSSl supports a large research program around the prevention of bushfire, led by Associate Professor Janet Stanley, whose work has taken on greater urgency in the context of the growing number and frequency of devastating bushfires. Last year Janet's research formed the basis of a submission to the Royal Commission into National Natural Disaster Arrangements, and the (Victorian) Inquiry into the 2019-2020 Victorian Fire Season. In addition to these submissions, Janet co-authored a book titled *Feeling the Heat*, a culmination of over a decade of research into wildfires and arson. The book reviews current international knowledge, and presents new findings on political, spatial, psychological, socio-ecological and socio-economic risk factors.

Janet also co-authored two chapters in the book *Natural Hazards and Disaster Justice*. The first chapter explores how poor urban planning and failures in social justice can lead to higher risks of bushfire occurrence. The second chapter, led by Professor Alan March, explores implications of collective responsibility when failure to prevent the risk of fire in a house puts neighbours' homes at risk in bushfire vulnerable areas.

Janet regularly shares her knowledge in public forums such as webinars and panel discussions, and was frequently called upon by the media throughout 2020 to provide expert opinion and analysis on the megafires in Australia and California.

Energy Transitions

Strong global climate change mitigation will require a significant decline in coal use, and MSSl researchers are working in cross-disciplinary collaborations exploring the potential of well-managed and equitable economic transitions away from coal. Dr Sangeetha Chandrashekeran published in *Geoforum* on accountability challenges in the rollout of electricity smart meters; and in *Local Environment* on the need for greater attention to the opportunities for benefit-sharing by Indigenous landholding interests from renewable energy projects in Australia.



SUSTAINABLE POST-GROWTH ECONOMIES

This innovative research program explores the problematic issues of our current growth-orientated economy, interrogating limits to growth such as resource scarcity and climate change, and looking at various strategies for moving ‘beyond growth’ in equitable ways. MSSl hosts a group of researchers who convene to explore the most effective social, economic and political transition pathways beyond unsustainable growth trajectories. This group brings together practitioners and researchers working in the fields of new economy, sustainable consumption, and sustainable transitions.

MSSl hosted a webinar in September on ‘Degrowth, Solidarity and the Welfare State’ with Associate Professor Anitra Nelson and Professor Boris Frankel. Together, they discussed degrowth in the context of the recent bushfires, pandemic, and climate change crises. The speakers conversed with the audience in an open Q&A session, discussing how resistance and degrowth projects offer strategies for the transformation of societies in order to live within Earth’s limits.

During 2020, scholars working in this area published the following works:

Professor Brendan Gleeson and Dr Samuel Alexander published an article titled ‘Suburban Practices of Energy Descent’ in *The American Journal of Economics and Sociology*, and also authored an essay in *ARENA* that examines degrowth and capitalism in the context of the current pandemic.

Boris Frankel authored a book *Capitalism versus Democracy: Rethinking Politics in the Age of Environmental Crisis*.

Dr Samuel Alexander co-authored two chapters in the recently released book *Ecological Economics: Solutions for the Future*. The first chapter discusses Modern Monetary Theory in relation to steady-state and degrowth economics. The second chapter discusses why access to land is a barrier to sustainability transitions.

Associate Professor Anitra Nelson authored two journal articles, ‘COVID-19: Capitalist and Postcapitalist Perspectives’ and ‘Democratic Crises and Degrowth’. In addition, she has also written a chapter in the book *Degrowth in Movement(s): Exploring Pathways for Transformation*, focusing on demonetisation.

MSSl Associate David Holmgren published an article in *Resilience* on whether changing our habits for self-reliance can help society avoid the worst of unfortunate futures.

Research Clusters and Networks

MSSI plays a critical role in connecting the University's sustainability-focused researchers with each other, and with internal and external opportunities to extend and elevate their work. The Institute employs a Cluster Model to achieve this, bringing together interdisciplinary researchers from all the University's Faculties and Centres around central themes of Cities and Climate.

FUTURE CITIES

The Future Cities Research Cluster is a whole-of-university research group seeking to investigate and generate best-practice and policy-relevant evidence to understand and effectively respond to the challenges facing urban environments.

The importance of envisioning and enacting sustainable urban futures was amplified in 2020, as cities - already rightly recognised as being central to sustainability in the Anthropocene - emerged as the COVID-19 pandemic's 'ground zero' across the world. Urban inequality within cities was also amplified, with more vulnerable urban inhabitants bearing the brunt of the pandemic's ongoing economic impacts through rolling lockdowns. These impacts were intensified by poorly understood vectors for transmission of the virus itself.

Amongst the disruption, the Future Cities Research Cluster continued to facilitate urban sustainability research collaboration, outreach and impact across and beyond the University. Throughout the pandemic, the Transport, Health and Urban Design (THUD) Research Lab - represented by Professor Mark Stevenson on the Future Cities Convenors Group - played a critical role in shaping Victoria's COVID-19 response. THUD's agent-based modelling of social responses to differing levels of 'lockdown' rules - determining the likelihood of achieving zero community transmission - provided critical evidence for policymakers and shaped the broader narrative within and beyond Australia. Itself an entity embodying cross-faculty collaboration (linking the Melbourne Schools of Engineering, Design, and Population and Global Health), the THUD team continued to advocate for sustainable futures to be central to the global COVID-19 recovery, including through addressing car dependency and the need for new 'COVIDSafe' public transport norms.

Underpinning these public policy responses was the multifaceted inequality of vulnerability to - and impacts from - COVID-19. This exacerbated existing urban inequality; already a focus of the Cluster's engagement in global sustainable urban development efforts, including through support of a delegation to the 10th World Urban Forum in early February. The event marked the beginning of the global Decade of Action towards the UN Sustainable Development Goals (SDGs), with University of Melbourne delegates collaborating on efforts to engage urban youth, support informal settlements, and monitoring progress towards the SDGs, while contributing across numerous other Forum sessions. Closer to home, the Cluster hosted Professor Inger Mewburn, Director of Research Training at ANU's College of Asia and the Pacific and author of the 'Thesis Whisper' blog, in partnership with the Australasian Early Career Urban Research Network (AECURN) and the University of Melbourne Climate and Energy College. Inger delivered a virtual workshop focused on post-doctoral career avenues in the pandemic, in recognition of COVID-19's disproportionate impacts on Early Career Researchers within the academy.

The Faculty of Architecture, Building and Planning's annual symposium was supported by MSSI's Future Cities group, including through the curatorship of Convenors Dr Cathy Oke and Dr Judy Bush, as well as panel participation by Professor Brendan Gleeson, Professor Michele Acuto, Associate Professor Crystal Legacy and Dr Alexei Trundle. Focused on the SDGs, Climate Change and Cities, the Symposium drew more than 700 delegates from 25 countries, with highlights including keynotes from New York City's Commissioner for International Affairs Penny Abeywardena, City of Melbourne Director of Aboriginal Melbourne Hans P Bokelund, and Dr Shipra Narang Suri, Chief of Urban Practices at the United Nations Human Settlement's Programme (UN-Habitat). The event highlighted the convening power of the SDGs, providing practical examples of how the SDGs can be used to shape the world's COVID-19 'Road to Recovery' (a position advocated by the University of Melbourne to the Federal Government as part of a



consortium of UN Global Compact Network Australia members).

Other Cluster activities (pictured above) continued to highlight urban sustainability focused research across the University through webinars, roundtable engagement, and semesterly Cities Special Edition of the MiSSive newsletter. Cluster Conveners led practice-oriented research collaborations with local government - such as the Living Melbourne and SDGs for Melbourne projects - as well as international engagement with peak bodies such as ICLEI Oceania, the Commonwealth Local Government Forum, and UN-Habitat's Habitat Uni initiative.



Future Cities Research Cluster Convenors:

Alexei Trundle, Coordinator Future Cities Research Cluster
 Professor Brendan Gleeson, Director, Melbourne Sustainable Society Institute
 Professor Michele Acuto, Professor in Global Urban Politics, Melbourne School of Design
 Associate Professor David Bissell, Australian Research Council Future Fellow, School of Geography
 Dr Judy Bush, Lecturer, Urban Planning
 Dr Max Holleran, Lecturer in Sociology
 Dr Crystal Legacy, Senior Lecturer, Urban Planning, Melbourne School of Design
 Dr Derlie Mateo-Babiano, Senior Lecturer, Urban Planning, Melbourne School of Design
 Dr Rebecca Nelson, Senior Lecturer, Melbourne Law School
 Dr Cathy Oke, Melbourne Enterprise Senior Fellow in Informed Cities, Chair of the ICLEI World Secretariat Board
 Professor Nikos Papastergiadis, RUPC Director, School of Culture and Communication
 Professor Mark Stevenson, Epidemiologist, and Professor of Urban Transport and Public Health
 Professor Alison Young, Francine V. McNiff Professor, Criminology, School of Social and Political Sciences

CLIMATE TRANSFORMATIONS

The Climate Transformations Research Cluster cultivates a network of cross-disciplinary climate change researchers across the University. It is also a point of connection for climate change practitioners, researchers, and the broader public. The Cluster Convenors identify opportunities for building interdisciplinary collaborations, and engage with research opportunities both within and outside the University.

In the aftermath of the 2019-2020 bushfires across South-Eastern Australia there was clear agreement amongst the University of Melbourne's senior leadership that climate change was a necessary focal point for coordinated research and engagement efforts across the University. The Climate Transformations Cluster coordinated input from across the University on this Grand Challenge. These efforts culminated in the development of a needs-based analysis for Chancellery to drive research impact on climate change. The analysis included identification of key research and engagement themes for the University around the Paris Agreement, Social and Economic Transition, Adaptation, Technological Acceleration, Unlocking Finance and Joined-Up Leadership. This analysis informed decision-making to create *Melbourne Climate Futures* which will elevate the profile of the University's climate change research for greater impact.

The Cluster seed funded research projects that aimed to advance one or more of MSSI's key themes of climate, cities and water. Proposals were sought that extended beyond conventional, incremental research project paradigms and had a strong focus on socio-environmental transformation, reflective of the ambitious targets set out in the 2030 Agenda for Sustainable Development. Four diverse projects that brought together interdisciplinary teams were successful in securing funding and are outlined in the Research Facilitation section of this report.

The Cluster also coordinated a climate webinar series titled 'Towards 2030: Climate Action for the Crucial Decade Ahead'. The series focuses on the actions needed to meet the global climate goals by 2030. Webinars included Professor Tim Flannery and Dr Sophie Lewis discussing the Paris targets in the context of the latest scientific modelling and assessment, and Professor Tom Kompas, Emma Herd and Ian Learmonth considering the economic dimensions of climate change.

Climate Transformations Research Cluster Convenors:

Anna Dunn, Coordinator Climate Transformations Research Cluster

Dr Sangeetha Chandrashekeran, Deputy Director MSSI, and Senior Research Fellow Life Course Centre of Excellence
Professor Jon Barnett, Professor, School of Geography
Dr Danny Butt, Associate Director (Research), Victorian College of the Arts

Jo Chandler, Editor, Centre for Advanced Journalism, Faculty of Arts

Associate Professor Peter Christoff, Associate Professor, School of Geography

Dr Kathryn Davidson, Senior Lecturer, Urban Planning

Dr Rachael Diprose, Academic, School of Social and Political Sciences, Faculty of Arts

Professor Richard Eckard, Director, Primary Industries Climate Challenges Centre

Professor Robyn Eckersley, Professor, School of Social and Political Sciences

Dr Erin Fitz-Henry, Senior Lecturer, Department of Anthropology and Development Studies

Dr Michael-Shawn Fletcher, Academic, School of Geography
Professor Don Henry AM, Melbourne Enterprise Professor of Environmentalism

Dr Brad Jessup, Lecturer, Melbourne Law School

Dr Andrew King, Academic, Earth Sciences

Professor Tom Kompas, Professor of Environmental Economics and Biosecurity, School of Biosciences and the School of Ecosystem and Forest Sciences

Dr Jeana Kriewaldt, Senior Leader - Clinical Teaching Practice, Melbourne Graduate School of Education

Dr Vanessa Lamb, Lecturer, School of Geography

Dr Leslie Martin, Academic, Faculty of Business and Economics

Dr Ben Neville, Senior Lecturer, Department of Management and Marketing

Dr Murray Peel, Senior Lecturer, Infrastructure Engineering

Dr Georgia Warren-Myers, Senior Lecturer, Property

Ms Michelle Williamson, Research Fellow, Melbourne School of Population and Global Health

Professor John Wiseman, Honorary Professorial Fellow

ENVIRONMENTAL ARTS AND HUMANITIES NETWORK

MSSI supported the establishment of the Environmental Arts and Humanities (EA&H) Network as a trans-disciplinary network supporting research-creation and collaborations between Early Career Researchers and Research Higher Degree candidates responding to intersectional ecological practices, environmental phenomena, climate in/justice, hope, histories, futures, presents, narratives, grief, trauma, laws, scholarship and activism. The network supports artists and researchers as they develop practical and conceptual modes of working with and through climates of catastrophe in engaged and situated contexts in the Global South.

In 2020 the AE&H Network curated a series of public webinars to engage with scholars and the artist community whose work directly addresses some of the most pressing topics of the moment:

- Bushfires in Australia and feminism in a climate emergency
- COVID-19 and climates of care
- Environmental pedagogy in secondary schools

The MSSI seed funding to develop this network “has provided significant development in leadership opportunities for me, as well as allowed me to further significant strategic multidisciplinary and multi-institutional connections within the environmental arts and humanities field”.

Dr Hayley Singer, MSSI Seed Funding recipient 2020.





WATER FUTURES NETWORK

The Water Futures Network was convened by MSSI to facilitate collaborative, interdisciplinary research and engagement, with a focus on freshwater and an emphasis on highlighting and enabling the contributions of humanities and social sciences to this critical field. The focus for 2020 was facilitating new internal research relationships through offering, supporting and promoting opportunities for cross-disciplinary collaborations and conversations. The network was expanded from an initial core of 17 researchers to over 50 staff and postgraduate researchers across eight faculties with growing involvement from the humanities, social sciences and fine arts. *Re:Fresh*, an email newsletter for the network, was launched early in the year. Positive feedback and contributions from members confirmed its value in raising awareness of the range of research expertise and activities in the University and advertising collaborative opportunities.

There was strong representation from the network in applications to MSSI's seed funding program, with funding being awarded to a project on interdisciplinary knowledge in regulatory reform to protect Victoria's urban streams. The project engages closely with regulatory reform being developed within the Environment Protection Agency (EPA), with project team members making a submission to the consultation process and now invited to present in the EPA's science seminar series in 2021.

Research Facilitation

An important part of MSSI's brief is to foster and facilitate interdisciplinary collaborations across the University around sustainability-focused research. In 2020 MSSI's annual seed funding round sought applications for transformative projects at the intersection of key themes around climate, cities and water, as well as broader sustainability-focused themes and alignment with the 2030 Sustainable Development Goals.

SEED FUNDED PROJECTS IN 2020

The 2020 seed funding round was set against a compelling and complex backdrop of climate crisis, bushfire catastrophe and recovery, and far-reaching social and economic implications of COVID-19 which are global in scale, however localised in their impacts. Amidst this extraordinary setting, four cross-faculty projects were funded that align with MSSI's central research themes of climate change, water and cities.

Protecting Streams in our Cities

Understanding how 'general environmental duty' and 'state of knowledge' can help transform stormwater management. This interdisciplinary project will investigate how better integration of legal mechanisms, scientific and socio-technical knowledge can drive transformative stormwater management that protects waterways whilst producing co-benefits such as climate resilient water supplies, flood mitigation, urban habitat, greening and cooling. This project brings together expertise from the Faculties of Science, and Architecture, Building and Planning, and the Melbourne Law School, with external partners from Environmental Justice Australia, EPA Victoria, Melbourne Water, Department of Environment, Land, Water and Planning, Victoria University and the CRC for Water Sensitive Cities.

Project lead: Dr Yung En Chee



Psychosocial Approaches to Eco-Anxiety Management

This project aims to provide a definitive account of eco-anxiety as a specific psychological phenomenon that operates at clinical and subclinical levels, and to identify methods of managing eco-anxiety by building individual and social resilience. Advancing knowledge and practice in this area, this project connects interdisciplinary academic perspectives to the expertise of partner investigators with experience of responding to climate emergencies. This project brings together expertise from the Faculties of Medicine, Dentistry and Health Sciences, Arts, and Science, with external partners from Sustainability Victoria and Psychology for a Safe Climate.

Project lead: Dr Katharine Greenaway

Scaling Up Regenerative Agriculture

Adopting regenerative agriculture methods to reduce emissions across the agricultural sector requires large-scale, upfront investment. This project aims to assess options to scale up investment for regenerative agriculture. Evidence of likely financial return from investments is required for mainstream investors to confidently allocate funds to regenerative agriculture. This also requires an understanding of how financial and non-financial impacts of such investments interact over time.

This project brings together expertise from the Faculties of Science, Business and Economics, Veterinary and Agricultural Sciences with external partners from Paraway Pastoral, the Central Victorian Regenerative Farmers Inc and more.

Project lead: Professor Rod Keenan

Making Environments Matter: Dynamic Couplings in Complex Social-Ecological Systems

There is an urgent need to generate new forms of discourse offering insight into how a warming climate will have critical system-wide effects. To address this, new datasets and analysis methods are needed to offer academics, policymakers, and the public a whole-of-system narrative clarifying how global warming and its downstream consequences will cause widespread disruption over a broad range of social-ecological systems that matter for daily life. This project brings together expertise from the Faculties of Science, Business and Economics, Medicine, Dentistry and Health Sciences, Engineering, and the Climate and Energy College, with external partners from the Climate and Health Alliance, Pollination Group and the University of Canberra.

Project lead: Associate Professor Michael Zyphur





OUTCOMES FROM RECENTLY SEED FUNDED PROJECTS

Prosthetic Habitats: Designing Urban Nests for the Powerful Owl

This seed funded project from 2018 examined how urban owls are losing their homes, and developed novel urban-biodiversity strategies to protect the species. The project successfully conducted cross-disciplinary collaborative research to design and implement artificial habitats for the powerful owl (*Ninox strenua*). Collaborating with architects, engineers, biologists, ecologists, city government, park authorities and arborists, the project team of designers and ecologists found a way to make artificial nests more appealing to powerful owls through 3D printing. Proposal for the installation of such nests was integrated into a successful EOI for a Fishermans Bend Living Lab called Architecture Homes for Biodiversity, in partnership with Lendlease. In addition to this, the project has attracted media coverage in *The Conversation* and *The Sydney Morning Herald* and has recently received an honorable mention in the LA+ CREATURE design competition, an interdisciplinary journal by the University of Pennsylvania.

Project lead: Dr Stanislav Roudavski

Legal Dimensions of Climate Risk

This 2018 seed funded project developed an analysis around climate risk as a critical concept in interdisciplinary research that is relevant to transformations in climate change law, regulation and policy in the international and national spheres. The climate risk analysis will form the basis for future research that examines transformations in de-regulatory, and potentially, alternative regulatory contexts, including state governments and local municipalities as innovative centres of climate risk governance. The findings were presented in a collaborative workshop with the University of Sydney Law School and Utrecht University School of Law titled 'Legal and Regulatory Frameworks: Managing Responsibilities for Climate Change Risks'. This research is also due to be published in a special issue of the Utrecht Law Journal in 2021. A workshop and stakeholder-focused report will be held and published in 2021.

Project Lead: Professor Lee Godden

"MSSI Seed Funding helped to secure possible future funding opportunities and publications. The grant has helped to develop novel materials and techniques for constructing prosthetic habitats. This knowledge will be helpful when applying for larger funding opportunities or approaching collaborators."

Dr Stanislav Roudavski, MSSI seed funding recipient for 'Prosthetic Habitats' project.

Postgraduate Students and Early Career Researchers

Supporting and facilitating opportunities for postgraduate research students and Early Career Researchers (ECRs) builds capacity in interdisciplinary research on sustainability themes at the University. Such support has been extended by the Institute through funding, thesis supervision, mentorship, networks and events, and project participation opportunities for emerging researchers.

Resilient Communities PhD Scholarship

In 2020 MSSl partnered with the City of Melbourne on shaping a collaborative PhD project examining the 'Resilient Communities in Residential and Mixed-Use Developments Program (Resilient Communities)', an action in the Resilient Melbourne strategy. Merrick Morley was the successful scholarship recipient for this project and began his research in late 2020, working closely with the newly-created City Resilience and Sustainable Futures Team at the City of Melbourne. Merrick's research will focus on housing and development models that, through their physical form and governance structures, encourage greater resident participation. He will test the ways in which these models contribute to greater social cohesion and community resilience outcomes where they are applied.

Graduating in a Pandemic

COVID-19 presented a massive disruption to the academic workforce. PhD students and early career researchers faced uncertainty about their future career prospects inside academia and outside the university walls. MSSl hosted a webinar with Associate Professor Inger Mewburn to discuss postgraduate options, research sectors and how to approach the non-academic job market with confidence.

DECRA success

In 2020, MSSl collaborator Dr Julie Miao was awarded a 3-year ARC Discovery Early Career Researcher Award (DECRA). The scheme recognises research excellence and supports national and international research collaboration. Dr Miao's research project examines the role of planning in future-proofing Australia's economic growth and she will undertake comparative analysis of Melbourne, Shanghai and Boston.

Congratulations to Dr Alexei Trundle

Dr Alexei Trundle successfully completed his PhD on Informal Climate Resilience in Pacific Island Cities, under the supervision of MSSl Director Professor Brendan Gleeson and Professor Lesley Head. During his research, Alexei investigated how informal urban communities cope with climate impacts in the capital cities of two Pacific Island countries. His findings show extensive evidence of endogenous forms of climate resilience, most of which were enacted in isolation from international development efforts and formal urban governance. In 2020, his research on Resilient Cities in a Sea of Islands: Informality and Climate Change in the South Pacific was published in *Cities* journal. Whilst completing his PhD, Alexei was also responsible for coordinating MSSl's Future Cities Research Cluster.



Dr Alexei Trundle (pictured right) meeting the then Prime Minister of Tuvalu Hon Enele Sopoaga at the 5th Pacific Urban Forum.

Partnerships and Collaborations

Fostering partnerships and building collaborations is at the core of MSSl's work. With the aim of advancing the University's commitment to public value, MSSl engages key stakeholders from government, business, NGO's and other sectors to discuss compelling sustainability-related issues. These connections are made at a local, national and international level.

ARC Life Course Centre

MSSl has joined the ARC Centre of Excellence for Children and Families over the Life Course (the Life Course Centre), a national research centre investigating ways in which deep and persistent disadvantage endures within families and across generations, and interventions to address this. MSSl will contribute leadership and expertise to the Life Course Centre through applying a sustainability lens to issues of 'Place'. The Place program will apply place-based approaches that address disadvantage in a range of ways, including building community readiness and coordination for sustainable pathways for disadvantaged groups.

Community Fellows Program

In 2020 MSSl sponsored a sustainability-focused fellowship through the Melbourne Social Equity Institute (MSEI) 2020 Community Fellows Program, in partnership with the First People of the Millewa-Mallee Aboriginal Corporation, on a project focused on indigenous plant propagation and management. The Community Fellows initiative aims to meet the research needs of community organisations to conduct small research-related projects in collaboration with university-based researchers. The program is targeted at small to medium-sized community-based organisations with limited capacity to conduct research. Projects are generally small, tightly focused and address an issue of relevance to the organisation, with the key objectives of meeting community-based needs for research and fostering community-academic collaborations.



Melbourne Business School Collaboration

MSSI is working in partnership with the Melbourne Business School and their new Centre for Sustainability and Business, reaching out to Australian business to build skill and ambition around addressing climate change. This partnership is led by Professor Don Henry and Professor Glenn Hoetker, Foundation Chair in Sustainability and Business, who will be shaping senior executive training programs, broad education for staff, and providing a platform for leaders to consider and urge favourable enabling environments including climate policy.

Convening Climate Change Discussions for State Governments

Supported by the Lord Mayor's Charitable Foundation, Professor Don Henry is leading a project to strengthen collaboration between state governments to tackle climate change. In February 2020, in collaboration with University of Melbourne, Monash University academics, and Simon O'Connor, Co-Chair of the UN Sustainable Finance Initiative Australia, Don convened a climate finance roundtable with state government treasury and treasury corporation officials from Queensland, New South Wales, Victoria, and South Australia to progress this work. A MSSI policy paper exploring opportunities to reduce risk from climate change and to stimulate a clean economy is now being prepared. The project builds on Don's efforts with the Queensland Treasurer in June the previous year, in collaboration with the Deputy Governor of the Reserve Bank and the Honourable Al Gore, in convening a roundtable of State Government Ministers to discuss critical issues of climate change and finance.

International Climate Collaborations

MSSI was fortunate to have Dr Janine Felson join the team in 2020, bringing with her years of international diplomatic experience. Janine has worked extensively on international legal matters at national and global levels including the World Trade Organisation Banana Dispute, 2030 Agenda for Sustainable Development, the Paris Agreement, United Nations Convention on the Law of the Sea, the Alliance of Small Island States and the Green Climate Fund. In 2020 Janine engaged in climate dialogues under the auspices of the United Nations Framework Convention on Climate Change (UNFCCC) as a contributor on matters relating to climate finance, including as a moderator of a virtual webinar hosted by the Adaptation Fund. She also contributed to the dialogue looking at the nexus of the ocean and climate change agenda, hosted by the Secretariat of the UNFCCC.

In 2020 MSSI continued to build on our strong partnership with TCRP, headquartered in the USA and Chaired by the Honourable Al Gore. The Australia and Pacific Branch, hosted by MSSI, is currently working on three priority program areas: to connect and support trained Climate Reality Leaders to encourage action in the lead up to the Glasgow international climate negotiations in November 2021; to encourage change in key business communities; and to support Indigenous leadership on climate knowledge and action. MSSI and the TCRP team extend sincere thanks to the Lord Mayor's Charitable Foundation for their inspiring support for these efforts.



Professor Don Henry has been appointed for a further four years to the international Board of The Climate Reality Project with the Hon. Al Gore.

Engagement and Events

MSSI regards engagement as central to building and sharing accessible knowledge about sustainability-related issues. Extending our engagement with communities beyond the University is fundamental to increasing our relevance, impact and influence. With the pressures of COVID-19 in 2020 forcing many stakeholders into lockdown, MSSI found ways to connect with new and existing audiences through presenting events and engagement activities via virtual platforms.

Shifting MSSI's engagement online in 2020 certainly had its challenges, however it also brought many advantages that will inform our event offerings moving forward. We were able to engage international speakers without the need for travel and its associated carbon footprint, reaching audiences from all corners of the globe and improving accessibility across our range of events. More than 3000 people tuned into our online webinars in 2020, and many more have watched the recordings afterwards.

Highlights from our year of online events:

Towards 2030: Climate Action for the Crucial Decade Ahead

Our climate change webinar series focused on bringing together scholars and experts from industry and government to identify the actions needed to meet global climate goals by 2030. In this series we explored climate action in the context of scientific modelling, economic impacts, clean energy investment, environmental justice, impacts of the US election, adaptation challenges and reducing vulnerability to climate change.

Speakers in the series included:

Tim Flannery, Chief Councillor of the Climate Council and Honorary Professor at MSSI

Sophie Lewis, Commissioner for Sustainability and the Environment, ACT

Catherine Flowers, Founder of the Center for Rural Enterprise and Environmental Justice, USA

Emma Herd, Australian Sustainable Finance Initiative

Ian Learmonth, CEO Clean Energy Finance Corporation

Roy Neel, former Chief of Staff to Vice President Al Gore and Deputy Chief of Staff to President Clinton

Tearinaki Tanielu, Director for Multilateral Affairs of the Kiribati Ministry for Foreign Affairs and Immigration

Tina Stege, Climate Envoy for the Government of the Republic of the Marshall Islands

Genevieve Mortimer, Climate-KIC Australia



Talking About Climate Change in a Pandemic

Following her delivery of MSSl's Annual Oration in 2019, Dr Rebecca Huntley joined us again in November to talk about her new book on communicating climate change. In this webinar Rebecca discussed the main themes of the book and extended this focus to the current challenges we face during a global pandemic. Rebecca drew on her extensive social science research to explore effective climate change communications strategies in a time of compounding crises.

Climate Change and Bushfires

After the 2019-2020 summer of devastating bushfires across Australia, Associate Professor Janet Stanley presented her research on bushfire prevention in two public webinars. To coincide with the release of her book *Feeling the Heat*, Janet teamed up with co-author Professor Alan March and Professor Roz Hanzen in the first webinar to discuss the need for a co-ordinated and collaborative approach to bushfire prevention. They outlined various prevention measures ranging from reducing greenhouse gas emissions to addressing the psychological and socio-economic drivers of arson.

In the second webinar, co-hosted with the Faculty of Architecture, Building and Planning, Professor Stanley and MSSl Director Professor Brendan Gleeson discussed bushfires prevention from a social and urban planning perspective. Specifically, they addressed the challenges of continued urban sprawl with the incidence of bushfires and arson in the urban fringes.

Comparing Green New Deals

Associate Professor Peter Christoff, Professor Robyn Eckersley, and Professor Boris Frankel came together in a webinar to compare various Green New Deal proposals in Europe, the US and Australia. They explained how these proposals aim to deal with the climate emergency by creating new socio-economic policies that simultaneously decarbonise the economy, while combatting inequality, unemployment and poverty.

Regional Energy Transitions

MSSl supported two public webinars focusing on regional energy transitions. In August, CEO of the Latrobe Valley Authority and MSSl Advisory Board member Karen Cain presented on the role of government in regional development and community transitions. In particular, Karen drew on her experience with the challenges and innovation opportunities in Gippsland as they move away from coal fired power. The second webinar 'After Hazelwood', co-hosted with Australian National University (ANU), brought together MSSl's Professor John Wiseman, Dr Sebastian Fastenrath and ANU's Professor Frank Jotzo with Karen Cain. They evaluated key policy initiatives and strategies designed to strengthen regional economic, social and environmental outcomes in the Latrobe Valley in the three years following the closure of the Hazelwood power station.

Resilient Cities and Green Structural Adjustment

In MSSl's sole in-person public event on campus before lockdown, it was our pleasure to host Dr Sophie Webber in a seminar presenting her research on Green Structural Adjustment in the World Bank's Resilient City. Sophie examined whether cities are prepared for the costs of rapid urbanisation and climate change devastation. She charted the emergence of this discourse and associated set of practices that seek to reform cities in investment-friendly ways, identifying an emerging phenomenon of 'Green Structural Adjustment'.

Media and Communications

MSSI researchers provide regular media commentary on a wide range of sustainability-related issues. Our interdisciplinary team are called upon by local, national and international media to inform print, radio and television news outlets, a snapshot of which is provided here.

The COVID-19 pandemic dominated the media for most of the year and MSSI scholars were called upon for their comment, primarily from a social sustainability perspective. Here are some examples of how MSSI research contributed to the public discussion during the pandemic:

MSSI's Future Cities Convenor Professor Mark Stevenson, along with Dr Jason Thompson and Professor Tony Blakely, provided critically impactful modelling support to the Victorian Government. The modelling provided simulated scenarios predicting the likelihood of various outcomes of possible policy actions taken by Government in response to the COVID-19 outbreak over time. The research was used to inform the Victorian Government's COVID strategy.

A study by Associate Professor Janet Stanley published by *The Conversation* suggested a phased easing of lockdown could start with reopening 'cold spots' with few or no cases of COVID-19 first. The analysis highlighted the wide disparities in the distribution and number of active COVID-19 cases across Melbourne, and identified four key factors explaining why this may have occurred.

MSSI Honorary Professor Tim Flannery was interviewed by *The Guardian* about his perspective on the similarities between the emergency response to COVID-19 and the urgent response required to act on climate change.

Professor Brendan Gleeson was interviewed by the *Herald Sun* on the effects of coronavirus on new developments in urban growth areas.

The co-originator of permaculture and MSSI Associate David Holmgren wrote a piece for MSSI about the potential for responding to the COVID-19 pandemic with creative in-situ adaption, growing and diversifying our household and neighbourhood non-monetary economies.

As global economies ground to a halt in the attempt to contain COVID-19, Dr Samuel Alexander raised some important points about sustainable degrowth and how it differs from the unfolding economic downturn in response to the coronavirus pandemic. Published in *The Fifth Estate*.

AT A GLANCE



MEDIA

526

Media mentions



NEWSLETTER

4,500

Subscribers were sent fortnightly our Sustainability MiSSive newsletter



TWITTER

2,915

Twitter followers



WEBINARS

3000

People tuned into our online webinars



SEMINARS

23

Hosted seminars



WEBSITE

105,000

Website visitors

Our Team

MSSI TEAM IN 2020

Samuel Alexander, Research Fellow

Janine Campbell, Executive Officer

Sangeetha Chandrashekeran, Deputy Director

Lisa Cliff, Climate Reality Project Officer

Claire Denby, Communications and Events Coordinator

Anna Dunn, Climate Transformations Research Cluster Coordinator, Communications and Events Assistant

Sebastian Fastenrath, Research Fellow in Resilient Cities

Janine Felson, Research Fellow

Liz Foley, Climate Reality Project Officer

Brendan Gleeson, Director

Don Henry, Enterprise Professor of Environmentalism

Stephanie Lavau, Senior Lecturer in Interdisciplinary Environmental Practice, Water Futures Network Convenor

Ciaran McCormack, Climate Reality Project Coordinator

Tracy Painter, Executive Assistant

Simone Robinson, Administrative Officer

Janet Stanley, Principal Research Fellow in Urban Social Resilience

Alexei Trundle, Future Cities Research Cluster Coordinator



(Front) Don Henry, Sangeetha Chandrashekeran, Tracy Painter, Brendan Gleeson, Claire Denby

(Middle) Janet Stanley, Liz Foley, Sebastian Fastenrath, Janine Campbell, Simone Robinson, Samuel Alexander

(Back) John Wiseman, Lisa Cliff, Anna Dunn, Alexei Trundle

ADVISORY BOARD

MSSI enjoys the support of a diverse and vibrant Advisory Board of experts, leaders and champions of sustainability. The Advisory Board provides assistance with strategic planning for the Institute and advice on areas in which MSSI can create linkages with external stakeholders in order to grow the research program and attract funding.

After several years as Chair of the MSSI Advisory Board, Arron Wood stepped down from the role at the end of 2020 to focus on new opportunities. MSSI extends sincere thanks to Arron for his attentive, thoughtful and passionate contribution to the Board, and for the many other contributions he has made to the work of MSSI and the broader University. We wish him all the best with his new appointment as Chief Industry Engagement and Education Delivery Officer with Bendigo Kangan Institute.

Emily Gerrard, Director and Principal lawyer at Comhar Group, succeeds Arron as the new Chair of the MSSI Advisory Board, and we look forward to working with Emily in the years to come. Emily is an environmental and climate change law specialist with extensive experience in native title, Indigenous land use agreements, renewable energy and resource development projects.

Chair: Arron Wood
Deputy Lord Mayor, City of Melbourne

Rueben Berg
Director, First Peoples' Assembly of Victoria

Rosemary Bissett
Head, Sustainability Governance and Risk, National Australia Bank

Karen Cain
CEO, Latrobe Valley Authority

Sue Cattermole
CEO, St Vincent De Paul Society Victoria

Lucinda Corrigan
Chair, Farmers for Climate Action

Professor Peter Doherty AC
Laureate Professor, University of Melbourne

Graz van Egmond
CEO, Banksia Foundation

Megan Flynn
Executive Director, Pollination

Katerina Gaita
Director, Climate for Change

Rob Gell AM
Director, ReThink Sustainability

Emily Gerrard
Director, Comhar Group

Stan Krpan
CEO, Solar Victoria

Victoria McKenzie-McHarg
President, Climate Action Network Australia

Joe Morrison
CEO, Indigenous Land and Sea Council

Kane Thornton
CEO, Clean Energy Council

Professor Rachel Webster
Academic, Physics



Dr Joe Morrison joined the MSSI Advisory Board in 2020. Joe has Dagoman and Torres Strait Islander heritage, and brings 25 years of experience working with Indigenous people in Australia and globally. He has extensive experience in climate change, traditional knowledge conservation, fire management and carbon economies, water rights, public policy, Indigenous institutional governance, negotiating agreements and reforming and leading complex institutions.

EXECUTIVE COMMITTEE

Co-Chairs: Dr Sangeetha Chandrashekeran and
Professor Brendan Gleeson
MSSI, Faculty of Architecture, Building and Planning

Associate Professor Peter Christoff
School of Geography, Faculty of Science

Professor Richard Eckard
Primary Industries Climate Challenges Centre, Faculty of
Veterinary and Agricultural Sciences

Professor Robyn Eckersley
School of Social and Political Sciences, Faculty of Arts

Professor Don Henry AM
MSSI, Faculty of Architecture, Building and Planning

Professor Glenn Hoetker
Melbourne Business School, Faculty of Business and Economics

Associate Professor David Kennedy
Office for Environmental Programs, Faculty of Science

Dr Jeana Kriewaldt
Melbourne Graduate School of Education

Dr Stephanie Lavau
School of Ecosystem and Forest Sciences, Faculty of Science

Associate Professor Malte Meinshausen
Climate and Energy College, School of Earth Sciences, Faculty
of Science

Dr Ben Neville
Department of Management and Marketing, Faculty of Business
and Economics

Professor Nikos Papastergiadis
Research Unit in Public Cultures, School of Culture
and Communication, Faculty of Arts

Professor Stephan Winter
Department of Infrastructure Engineering,
Melbourne School of Engineering

Professor Margaret Young
Centre for Resources, Energy and Environmental Law,
Faculty of Law



Professor Stephan Winter finished his terms with the MSSI Executive Committee and Future Cities Research Cluster in 2020. MSSI acknowledges Stephan's valuable contribution to the Institute through his Committee and Cluster membership, and thank him for his thoughtful input, expertise, knowledge and international perspectives during his years of service.

HONORARY FELLOWS

MSSI benefits from the knowledge, influence and skills of our Honorary Fellows.

Professor Kate Auty, Honorary Professorial Fellow

Martin Brennan, Senior Research Fellow

Professor Lars Coenen, Honorary Professorial Fellow

Professor Jim Falk, Honorary Professorial Fellow

Professor Tim Flannery, Honorary Professorial Fellow

Professor Boris Frankel, Honorary Principal Fellow

Professor Leo Goedegebuure, Honorary Professorial Fellow

Dr Dominique Hes, Senior Honorary Fellow

Kirsten Larsen, Food Systems Research and Partnerships Manager

Associate Professor Anitra Nelson, Honorary Principal Fellow

Associate Professor Kes McCormick, Honorary Senior Fellow

Carl Obst, Honorary Research Fellow

Professor Chris Ryan, Honorary Professorial Fellow

Dr Graham Turner, Honorary Senior Fellow

Professor John Wiseman, Honorary Professorial Fellow



*Associate Professor Anitra Nelson joined MSSI as an Honorary Principal Fellow in 2020. Anitra contributes significant scholarly research in the areas of degrowth societies and sustainable economies. She co-authored *Exploring Degrowth: A Critical Guide* in 2020, and explored the book's themes with a public audience in a MSSI webinar with colleague Professor Boris Frankel in September 2020.*



FIND OUT MORE

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