



Australia and New Zealand
Regional Science Association International
47th Annual Conference, in conjunction with
the Regional Studies Association



**CONFERENCE
PROGRAMME
2024**

ANZRS AI's 47th annual conference is conducted in partnership with the Regional Studies Association. Hosted at University of Canberra, Canberra, the core theme for this year's conference focuses on:

INCLUSIVE REGIONAL DEVELOPMENT

(CANBERRA, 2-3 DECEMBER 2024)

We are pleased to acknowledge our conference sponsors:



Australian Government
Department of Infrastructure, Transport,
Regional Development, Communications and the Arts



**UNIVERSITY OF
CANBERRA**



CONFERENCE VENUE

The conference will take place at:

**Ann Harding Conference Centre, Building 24, University of Canberra
University Drive South, Bruce, ACT 2617**



WELCOME EVENT

For those conference participants looking for an informal welcome to Canberra, please come to the Oscar's Bakery Café at UniLodge @ UC - Cooper Lodge, 7 Telita St, Bruce ACT 2617 (meet up at the conference venue at 6pm) for refreshment, 6.00-8.00pm on Sunday 1 December 2024.

CONFERENCE DINNER

The first day of the conference will conclude with Conference Dinner co-hosted by ANZRSIAI and the University of Canberra. This will take place at 6:30pm after the ANZRSIAI Annual General Meeting. The venue will be in the main conference venue. The conference dinner will include presentations of the ANZRSIAI Awards, sponsored by the Bureau of Communications, Arts and Regional Research (BCARR) in the Department of Infrastructure, Transport, Regional Development, Communications and the Arts.

CONFERENCE DETAILS

Should you require further clarifications, please do not hesitate to contact:

Yogi Vidyattama,

Telephone: +61 424 790 328, Email: yogi.vidyattama@canberra.edu.au

INVITATION FROM THE ANZRSAL AND RSA LEADERS



Our two regional studies organisations, the Regional Studies Association (RSA) and ANZRSAL, are delighted to be able to jointly host a conference bringing together regional researchers globally. The theme of this year's conference, "Inclusive Regional Development", covers a wide range of topics from the understanding of development, its indicators, its determinants and more importantly how to make it more inclusive within and between people, space and place, including in terms of Urban-Rural Divide, Cultural, Community and Intergenerational issues. Therefore, we encourage the participation of those working to enhance wellbeing, including scholars, policy makers and people involved in advocating and delivering various programmes to the communities.

We are delighted that the Faculty of Business, Government and Law will host the conference in Canberra. Bringing the conference to the Australian Capital and the seat of government will provide an ideal venue for the interaction between scholars, policy makers and community workers to discuss how to bring development to everyone. This is also reflected by the range of keynote speakers for this conference. We are confident this conference will have a wide appeal for those working in regional studies and science and for related policy makers.

We thank BCARR – the Bureau of Communications, Arts and Regional Research – in the Department of Infrastructure, Transport, Regional Development, Communications and the Arts, for their financial support as the Conference's chief sponsor. This is a significant contribution to regional studies and science in Australia.

Among other publication opportunities, participants are welcome to submit papers presented at the conference to the Australasian Journal of Regional Studies or to any of the RSA's six journals – Regional Studies; Spatial Economic Analysis; Territory, Politics, Governance; Regional Studies, Regional Science; Area Development and Policy and finally the new start journal Finance & Space.

Yogi Vidyattama, ANZRSAL, and Alan Kinder, RSA

The Keynote Speakers

Our 47th annual conference has five keynote speakers, three on the first day of the conference and two on the second.

MONDAY 2 DECEMBER 2024

FIRST KEYNOTE ADDRESS, 10:00AM

REBECCA VASSAROTTI



Rebecca Vassarotti is a former Member for the seat of Kurrajong, elected in 2020-2024. A member of the ACT Greens, she was the ACT Minister for the Environment, Heritage, Homelessness and Housing Services; and Sustainable Building and Construction (2020-2023). Rebecca earned her Bachelor of Arts (with majors in Anthropology and Political Science) and her Masters in Environmental Law from the Australian National University. Rebecca has extensive experience in the community sector, having held the positions of Executive Director at YWCA Canberra, Deputy CEO of the Australian Council of Social Service, and Executive Director of the International Network on Hepatitis and

Substance Use. Rebecca has been a long term advocate for social justice and equality. Throughout her career, she has taken a keen focus to addressing issues like gender equity, homelessness, affordable housing, gambling reform and drug harm reduction.

SECOND KEYNOTE ADDRESS, 11:00AM

ANDREW LEIGH M.P.

Andrew Leigh is the Assistant Minister for Competition, Charities and Treasury, and Federal Member for Fenner in the ACT. Prior to being elected in 2010, Andrew was a professor of economics at the Australian National University. He holds a PhD in Public Policy from Harvard, having graduated from the University of Sydney with first class honours in Arts and Law.

Andrew is a past recipient of the Economic Society of Australia's Young Economist Award and a Fellow of the Australian Academy of Social Sciences. He has many publications with the latest books include, *Reconnected: A Community Builder's Handbook* (with Nick Terrell) (2020), *What's the Worst That Could Happen? Existential Risk and Extreme Politics* (2021) and *Fair Game: Lessons From Sport for a Fairer Society & a Stronger Economy* (2022).



THIRD KEYNOTE ADDRESS, 4:00PM

KIRSTY LESLIE



Kirsty Leslie is currently the Director of the Regional Workforce Assessments team at Jobs and Skills Australia (JSA). This team plays a key role in drawing together labour market and skills data analysis and insights at a regional level and is leading the work towards JSA producing a Regional Jobs and Skills Roadmap. Kirsty holds a Bachelor of Science in Statistics. Kirsty has an established career of over 25 years working across Government in senior statistical roles at Jobs and Skills Australia (JSA), the Australian Bureau of Statistics, the Australian Institute of Health and Welfare and the departments of Education and Employment. Kirsty was the director of labour statistics at the ABS for many years and was recognised as an international expert in this field. Kirsty has a long history in statistical concepts and data strategies, survey management, and data integration across labour, education and training and health areas.

TUESDAY 3 DECEMBER

FOURTH KEYNOTE ADDRESS, 9:00AM

PROFESSOR JACKI SCHIRMER

Professor Jacki Schirmer is the director of the Centre for Environmental Governance, Lead of the WellRes research unit and Chair of the Climate Change Adaptation and Resilience Research Network at the University of Canberra. Jacki's own research focuses on understanding the social dimensions of natural resource management and resilience to extreme climatic events, particularly how people's access to and use of natural resources affects their health and wellbeing. She leads the Regional Wellbeing Survey, an annual survey examining the views of 15,000 rural, regional and urban Australians about the liveability and resilience of their community, and their own wellbeing and resilience.



FIFTH KEYNOTE ADDRESS, 3:00PM

DR LIZ ALLEN



Dr Liz Allen is a demographer and senior lecturer at ANU Centre for Social Policy Research, where she researches population dynamics and teaches research methods. She is a member of ANU Council and an advocate for inclusive and accessible higher education. Liz was named among the ABC Top 5 Humanities and Social Sciences academics in Australia in 2018, and a woman to watch by the Australian Financial Review in 2023. Dr Allen is a member of the National Foundation of Australian Women social policy committee, and a regular media commentator for all things demography. Her book, *The Future of Us* (2020), is a call to action to build a stronger Australia through fairness and equality.

CONFERENCE TIMETABLE OVERVIEW

Monday 2 December

- 8.00am** **Registration Desk Opens**
Ann Harding Conference Centre Foyer, Building 24, University Drive South,
University of Canberra
- 9.00am** **Welcome to Country**
Aunty Violet Sheridan, Ngunnawal elder
- Welcomes**
Chair: Assoc. Prof. Yogi Vidyattama
Prof. Uwe Dulleck, Executive Dean, Faculty of Business, Government and Law,
University of Canberra
- Yogi Vidyattama, ANZRSI President
Alan Kinder, Regional Studies Association Chief Executive Officer
- Housekeeping
- 10.00am** **First Keynote Address**
Chair: Prof. Prof. Matthew Roskruge
- Rebecca Vassarotti
*Former ACT Minister for the Environment, Heritage, Homelessness and
Housing Services; and Sustainable Building and Construction*
Sustainable city planning especially housing from political perspective
- 10.45am** MORNING TEA
- 11.00am** **Second Keynote Address**
Chair: Prof. Michael Cameron
- Dr. Andrew Leigh M.P.
*Assistant Minister for Competition, Charities and Treasury, Federal
Government, Australia*
Inclusivity in government development policy
- 12.00pm** LUNCH
- 1.00pm** **First Contributed Papers Session**
- 2.15pm** **Second Contributed Papers Session**

- 3.45pm AFTERNOON TEA
- 4.00pm Third Keynote Session**
Chair: Dr. Kim Houghton
- Kirsty Leslie
Director of the Regional Workforce Assessments team at Jobs and Skills Australia (JSA)
Regional Jobs and Skills Roadmap
- 4.45pm ANZRSAI Annual General Meeting**
- 6.00pm Close of Day 1**
- 6.30pm Conference Dinner**

Tuesday 3 December

- 9.00am Fourth Keynote Address**
Chair: Dr. Sarvjeet Chatrath
- Professor Jacki Schirmer
Director of the Centre for Environmental Governance
Environmental and wellbeing issues in regional development
- 9.45am Third Contributed Papers Session**
- 11.00am MORNING TEA
- 11.15am Fourth Contributed Papers Session**
- 12.45pm LUNCH
- 1.45pm Fifth Contributed Papers Session**
- 3.00pm Fifth Keynote Address**
Chair: Prof. Rolf Gerritsen
- Dr Liz Allen
ANU Centre for Social Policy Research
Population dynamics and regional development
- 3:45pm AFTERNOON TEA
- 4.00pm Final Plenary – Closing Observations: Inclusive Regional Development**
Yogi Vidyattama, Alan Kinder, Michael Cameron (on the next conference)
- 4.30pm End of Conference

GUIDE TO PRESENTERS IN THE CONTRIBUTED PAPERS SESSIONS

The sessions for the contributed papers allow for each speaker to have around **15 minutes** each for the presentation, including time for questions of clarification or other immediate feedback. The chair will connect to the Teams, ask permission for recording and remind speakers to use microphone. Once all speakers in a session have completed their presentations, this should leave about **30 minutes** for questions and general discussion about any of the papers.

Online presenters are listed in italics. Each presenter and those registered to be online will be provided with a Teams link for their session, plus a link to each of the keynotes to join them.

DETAILED CONFERENCE TIMETABLE

Sunday 1 December 2024

6.00-8.00pm	<i>Welcome Event</i> Venue: Oscar's Bakery Café at UniLodge @ UC - Cooper Lodge, 7 Telita St, Bruce ACT 2617
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Monday 2 December 2024

8.00	9.00	Registration Venue: Ann Harding Conference Centre Foyer, Building 24, University Drive South, University of Canberra
9.00	10.00	Welcome to Conference Venue: Conference room Chair: Yogi Vidyattama
		<ul style="list-style-type: none"> - Welcome to Country, Aunty Violet Sheridan, Ngunnawal elder - Prof. Uwe Dulleck, Executive Dean, Faculty of Business, Government and Law, University of Canberra - Yogi Vidyattama, ANZRSAl President - Alan Kinder, Regional Studies Association Chief Executive Officer - Housekeeping
10.00-10.45	Plenary session Chair: Matthew Roskruge Room: Conference Room	
		Keynote 1: Rebecca Vassarotti <i>Sustainable city planning especially housing from political perspective</i>

10.45-11.00	Morning tea Venue: Foyer
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11.00-12.00	Plenary session Chair: Michael Cameron Room: Conference Room
	Keynote 2: Dr. Andrew Leigh M.P. <i>Inclusivity in government development policy</i>

12.00-1.00	Lunch Venue: Foyer
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1.00-2.15	Parallel Session 1A Room: Conference Room Chair: Greg Jones	Policy on Infrastructure and Housing
	Greg Jones, University of Southern Queensland, Australia	Negative Gearing – the solution or the contributor to Australia’s housing crisis
	Shanaka Herath, University of Technology Sydney, Australia	Household overcrowding: the profile, shifting regional patterns and policy responses
	Lynda Andeobu, Central Queensland University, Australia	A Local Government Perspective of E-waste Management and Recycling Practices in Queensland Australia: Problems and Challenges
	Session 1B Room: Seminar Room 1 Chair: Matthew Roskruge	Social Capital
	Matthew Roskruge, Massey Business School, New Zealand	Māori social capital and wellbeing
	<i>Irfani Fithria Ummul Muzayanah, Universitas Indonesia, Indonesia</i>	<i>Social Capital and Entrepreneurship in Indonesia: The Role of Social Networks and Family Relations</i>
	Kryslar Adoe, University of Canberra, Australia	Social Enterprises and Their Market Entry Barriers: A Case Study of Indonesia
	Session 1C Room: Foyer Chair: Delwar Akbar	Environmental issue: Water
	Delwar Akbar, Central Queensland University, Australia	New water and new precinct in northern Australia- what is new there?
	Jose Cobian Alvarez, The Australian National University, Australia	Under the water: flood impacts and economic dynamics in northern Peru
	<i>Farnaz Farhangi, University of Canberra, Australia</i>	<i>Advancing Analysis of Agricultural Water Theft: Integrating Agent-Based modelling and Discrete Choice modelling</i>

Monday 2 December 2024 (cont)

2.15-3.45	Parallel Session 2A Room: Conference Room Chair: Sarvjeet Kaur Chatrath	Technology and Innovation
	Sarvjeet Kaur Chatrath, University of Canberra, Australia	Smart City Revolution in India: Harnessing the Power of AI, IoT, and Blockchain for Sustainable Urban Transformation
	Bruce Wilson, RMIT University, Australia	'Bubble and 'Bounce': Can Place-Based Innovation Ecosystems Succeed in Small Communities?
	Pyan Muchtar, Australian National University, Australia	Food one click away: The impact of online food delivery platforms on food security in Indonesia
	<i>Xiangxiang Chen, China</i>	<i>The Come and Goes: How Does 'Citywalk' Influence Everyday Inhabitation and Urban Revitalization in a Chinese Atmospheric Community</i>
	Session 2B Room: Seminar Room 1 Chair: Lynette Washington	Alternative Thinking in Place-based Leadership
	Emma Ormerod, Newcastle University, United Kingdom	Diversifying Geographies of Place Based Leadership: A case study of North East England
	Stefanos Xenarios, CSIRO, Australia	Climate-induced hazards and inclusive regional development: the case of Bega Valley Shire in Australia
	<i>Victoria Barker, Coventry University, United Kingdom</i>	<i>Place-leadership and inclusion through creative and cultural sector development</i>
	<i>Maddalen Alkorta, Orkestra - Basque Institut, Spain</i>	<i>Civil society in place-based sustainable development: The role of foundations</i>
	Session 2C Room: Foyer Chair: Daniel de Oliveira Vasconcelos	From the 'Creative City' to Social and Cultural Infrastructure
	Daniel de Oliveira Vasconcelos, University of Melbourne, Australia	The multi-scalar nature of cultural infrastructures: Clustering and housing dynamics of home-located artists and designers in Melbourne, Australia
	<i>Andreasz Kosztopulosz, University of Szeged, Hungary, and György Málovics, University of Szeged, Hungary</i>	<i>Conversion factors in the financial capabilities of extremely poor, stigmatised, segregated urban Roma families</i>
	<i>Putu Angga Widyastaman, University of Indonesia, Indonesia</i>	<i>Gentrification and the location decision of prostitution in Jakarta Metropolitan Area, Indonesia</i>
	<i>Ngoc Thao Linh Dang, Monash University, Australia</i>	<i>The new waterfront: informal participation, planning culture & the adaption of public space</i>
3.45-4.00	Afternoon tea Venue: Foyer	

Monday 2 December 2024 (cont)

4.00	Plenary session Chair: Kim Houghton Room: Conference Room
	Keynote 3: Kirsty Leslie <i>Regional Jobs and Skills Roadmap</i>

4.45	ANZRSAI Annual General Meeting Venue: Seminar Room 1
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6.30	Conference Dinner Venue: Conference Room
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Tuesday, 3 December 2024

9.00-9.45	Plenary session Chair: Sarvjeet Kaur Chatrath Room: Conference Room
	Keynote 4: Professor Jacki Schirmer <i>Environmental Issues in Regional Development</i>

9.45-11.00	Parallel Session 3A Room: Conference Room Chair: Tony Sorensen	Disparity in Regional Development
	Tony Sorensen, University of New England, Australia	Navigating a Wide Variety of Peripheral Locations
	Jacob Irving, University of South Australia, Australia	The Death and Life of Cities: Remote Work and the Shifting Urban Landscape
	Akshay Vij, University of South Australia, Australia	Red giants and white dwarfs: the future of cities and regions
	Session 3B Room: Seminar Room 1 Chair: John Madden	Migration at the Regional Level: Gross Flows Analysis and Forecasts
	Bernardo Cantone, CSIRO, Australia	Labour implications of the Australian carbon market
	John Madden, Victoria University, Australia	University location and regional development; an intra-city analysis
	<i>Ndirangu Ngunjiri, University of Nairobi, Kenya</i>	<i>Migration Trends, Impacts, and Pathways to Sustainable Development in Asia</i>

Tuesday 3 December 2024 (cont)

9.45-11.00	Session 3C Room: Foyer Chair: Emma Ormerod	Alternative Thinking in Place-based Leadership (2)
	Lynette Washington, University of South Australia, Australia	Gender, place leadership and Regional Transformation
	Georgia McLellan, Massey University, New Zealand	Envisioning small-scale kaupapa Māori aquaculture economies for indigenizing ocean governance in Aotearoa, New Zealand
	<i>Landrada Shaka, Burundi</i>	<i>The use of Technology for Development in Small Businesses in the Great Lakes Region</i>

10.45-11.00	Morning tea Venue: Foyer
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11.15-12.45	Parallel Session 4A Room: Conference Room Chair: Budy P. Resosudarmo	Sustainable Development
	Budy P. Resosudarmo, Australian National University, Australia	Road Revival and Unavoidable Deforestation: Evidence from the New Deal for Papua and Beyond
	Nick Johnston, UNSW Sydney, Australia	Lessons from the Past: Future-proofing Development on the Nomadic Steppe
	Samsudin Arifin Dabamona, Universitas Yapis Papua/Swansea University, Indonesia/United Kingdom	Indigenous Voices in Coastal Tourism: A Sustainability Assessment
	Session 4B Room: Seminar Room 1 Chair: Benjamin Vu	Human Capital and Wellbeing
	Benjamin Vu, University of Canberra, Australia	Effects of school funding on students' academic performance: Newfound empirical evidence from Australia, 2009-2022
	<i>Lilia Endriana, University of Indonesia, Indonesia</i>	<i>Does Education Affect Energy Behaviour? Investigating the Influence of Educational Attainment in Indonesia</i>
	Mu-Jeong Kho, University College London, United Kingdom	How can the Basic Income act as a Trigger of Self-Organisation for a New Health Community-Resilience in the Crisis?

Tuesday 3 December 2024 (cont)

11.15-12.45	Session 4C Room: Foyer Chair: Robert Tanton	Health Services
	Robert Tanton, Communities in Numbers, Australia	Creating a Geocoded Synthetic Census for Australia
	Yogi Vidyattama, University of Canberra, Australia	Patient experience and economic disadvantage in New South Wales, Australia
	<i>Azizur Rahman, Charles Stuart University, Australia</i>	<i>Age-specific Covid-19 Vaccination Coverage Scenarios in Bangladesh: A Mathematical Modelling Approach</i>

12.45-1.45	Lunch Venue: foyer
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1.45-3.00	Parallel Session 5A Room: Conference Room Chair: Holly Randell-Moon	Disparity in Regional Development (2)
	Holly Randell-Moon, Charles Sturt University, Australia	Spatial justice, mobile futures and First Nations telecommunications landscapes in regional and rural Australia
	Benjamin Vu, University of Canberra, Australia	Revisiting Output Divergence and Club Convergence: Newfound Evidence from a Low-middle Income Country
	<i>Dayne Walling, University of Minnesota, United States</i>	<i>Inclusive Regional Development After Deindustrialization: Pathways and Pitfalls in Redevelopment</i>
	Session 5B Room: Seminar Room 1 Chair: Jacques Poot	Migration at the Regional Level: Gross Flows Analysis and Forecasts (2)
	Jacques Poot, University of Waikato, New Zealand	Multiregional probabilistic population projections for open populations, incorporating an embedded spatial interaction model of interregional migration
	Guanyu Zheng, New Zealand	Understanding the impact of house prices on geographic mobility of New Zealand workers
	Michael Cameron, University of Waikato, New Zealand	Subnational population ageing in Australia: Past, present, and future

Tuesday 3 December 2024 (cont)

1.45-3.00	Session 5C Room: Foyer Chair: Riyana Miranti	Disparity and Disadvantage in Wellbeing
	Riyana Miranti, University of Canberra, Australia	Unravelling Geographical Disparities in Child Social Exclusion: Insights from Australia
	Jinjing Li, University of Canberra, Australia	Unveiling Regional Disparities: Integrating Multiple Data Sources for Small-Area Income Inequality Estimates
	<i>Daniel Pop, Babes-Bolyai University, Romania</i>	<i>A Territorial Disaggregation Analysis of Material and Social Deprivation in the European Union's NUTS2 Regions</i>

3.00-3.45	Plenary session Chair: Rolf Gerritsen Room: Conference Room
	Keynote 5: Dr. Liz Allen <i>Population dynamics and regional development</i>

3.45-4.00	Afternoon tea Venue: Foyer
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4.00	Final Plenary – Closing Observations Inclusive Regional Development Room: Conference Room Chair:
	Yogi Vidyattama Alan Kinder Michael Cameron
4.30	Conclusion and Wrap up

Academic Conference Programme and RSA Hub App

Thanks to the RSA, we are able to use their online conference app, RSA Hub. The conference programme can now be accessed online on RSA Hub. The desk top version is <https://events.rdmobile.com/Sessions/Index/18570>.

The programme can also be accessed online on events app RSA Hub. Please download the free RSA Hub (Events App) for [IOS](#) or [Android](#) from your phone's App Store. You can also access session information through the [desktop version of the App](#).

You will need the app to view the programme, abstracts, speakers, to message other delegates, to create your profile and personal conference schedule, to receive email reminders about your selected sessions, to swap business cards and more. There will be no detailed printed programme.

See the RSA ["How to" video guides](#) for information on downloading RSA Hub App and using it in preparation for the conference. Please contact us if you need assistance.

You can also get the RSA Hub via these QR codes:



For IOS



For Android

Conference committee:

Associate Professor Yogi Vidyattama, University of Canberra
Professor Delwar Akbar, Central Queensland University
Karen Cain, Transition & Recovery Australia
Professor Michael Cameron, University of Waikato.
Associate Professor Azizur Rahman, Charles Sturt University (CSU).
Dr Greg Jones, University of Southern Queensland (Toowoomba campus).
Professor Tony Sorensen , University of New England.
Professor Rolf Gerritsen , Charles Darwin University.
Dr Kim Houghton, Strategic Economic Solutions
Dr Paul McPhee , University of Wollongong.
Dr. Deanna Hutchinson , Swinburne University of Technology
Professor Matthew Roskruge, Massey University

Local committee:

Dr. Sarvjeet Kaur Chatrath, University of Canberra
Dr. Benjamin Vu, University of Canberra
Professor Richard Hu, University of Canberra