



Join us at our 45<sup>th</sup> Annual Conference  
CSU, WAGGA WAGGA, 1-2 DECEMBER 2022

***"DATA SCIENCE IN REGIONAL POLICY:  
HOUSING AND WORKFORCE DYNAMIC"***

**FINAL CALL FOR PAPERS**

For more than forty years, the Australia and New Zealand Regional Science Association has brought together researchers across academic and policy fields to explore the cutting edge of regional development and regional analysis in Australia, New Zealand and around the world. If your work involves regions, please join us for our 45th Annual Conference in Wagga Wagga. ANZRSAI welcomes proposals for contributed papers, for themed panels, or for special sessions, on any topic related to regions.

Papers related to the conference theme will be considered, as well as papers across the whole range of regional science fields, including geography, economics, governance, social and environmental studies, or multi-disciplinary research.

This year's conference is hosted by the Data Science Research Unit (DSRU) at the Charles Sturt University (CSU), Wagga Wagga. To register, and for more information on the conference, visit the ANZRSAI website at:

[www.anzrsai.org](http://www.anzrsai.org)



Australian Government

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



Charles Sturt  
University



## INVITATION FROM THE PRESIDENT



This year is the 45th Annual ANZRSAI Conference and I am delighted that we are being hosted on the Wagga wagga campus of Charles sturt University (CSU).

The core theme of our conference is *Data Science in Regional Policy: Housing and workforce dynamic*. The importance of this theme at the current time is obvious to everyone.

I am very grateful to Associate Professor Azizur Rahman and his colleagues at CSU for offering to host a hybrid conference in Wagga Wagga, with the options of people participating in person or on-line. I am confident this will be a conference with something for everyone with an interest in regional policy and practice.

I also 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 science in Australia. I particularly thank Karen Malam and Lucy Williams for their ongoing support for our annual conference.

Among other publication opportunities, participants are welcome to submit their paper presented at the conference to the *Australasian Journal of Regional Studies*.

I hope that both the conference program and its location will be an irresistible temptation to join us in December 2022.

Delwar Akbar  
ANZRSAI President, 2022

To submit an abstract or the full paper, please go to the following website:  
<https://easychair.org/cfp/The2022ANZRSAIConference>

TIMETABLE	Actions
31 October 2022	<ul style="list-style-type: none"><li>• Final date for submission of abstracts and proposals.</li><li>• Final date for early bird registration</li></ul>
07 November 2022	<ul style="list-style-type: none"><li>• Final date for submission of full paper by authors wanting their contribution to be peer reviewed for the conference proceedings or considered for the best paper Awards</li><li>• Draft conference program on website</li></ul>
16 November 2022	<ul style="list-style-type: none"><li>• Final date for conference registration for paper presenters, for their paper to be confirmed in the programme.</li></ul>
18 November 2022	<ul style="list-style-type: none"><li>• Final program published on the conference website.</li></ul>
1 December 2022	<b>Conference opens at 9am on Thursday</b>

## THE KEYNOTE SPEAKERS

Our 45<sup>th</sup> annual conference will have a full programme of special sessions and keynote speakers. We are delighted that the following high profile regional speakers have confirmed that they will present at our conference.

### President's keynote Associate Professor Delwar Akbar (CQU)



Delwar Akbar is a regional economist and a research leader in agricultural supply and value chain area. He has been working with rural and regional industries and businesses to improve their productivity and sustainability. His research during the last decade has focused predominantly on rural and regional economics, value chain analysis, economic impact assessment and regional development. Along with other researchers, he has received significant levels of funding support (over 10 million dollar) have been received through the Category 1-4 grants. He has integrated economic models with supply chain, services and planning models. Recently, he has been developing and testing collaborative business models that could booster circular rural economic systems and trade. Over his academic career, he has been involved with more than 70 research and consultancy projects, and published over 140 refereed papers and project reports. Title of the talk: De-risking Australian agricultural sector through supply chain mapping tool: Role of regional data availability and accuracy.

### PROFESSOR CHRIS PETTIT (UNSW)



Chris Pettit is the Director of the City Futures Research Centre, inaugural professor of Urban Science, and Plus Alliance Fellow at UNSW Sydney. He currently Chair of the Board of Directors for CUPUM (Computational Urban Planning and Urban Management) and on the International Advisory Board for the “Geo for all” initiative. He is a member of the Planning Institute of Australia’s National Plantech Wrking Group, the advisory board for the Centre for Data Leadership, the Committee for Sydney’s Smart Cities Taskforce and the NSW Government Expert Advisory Group for Planning Evidence and Insights. Title of the talk: Understanding the Data Science Toolkit for Envisioning Future Cities and Regions.

## Professor Ganna Pogrebna (CSU)

Ganna Pogrebna is a pioneer in behavioural data science. She is Executive Director of the AI and Cyber Futures Institute at Charles Sturt University, Honorary Professor at the University of Sydney, and Lead for Behavioural Data Science at the Alan Turing Institute. Blending behavioural science, AI, computer science, data analytics, engineering, and business model innovation, Ganna helps businesses, cities, charities, and individuals to better understand why they make the decisions they make and how they can optimize their behaviour to achieve higher profit, better social outcomes, as well as flourish and bolster their wellbeing.



## PROFESSOR PREM CHHETRI (RMIT UNIVERSITY)



Prem is Professor in the School of Accounting, Information System and Supply Chain, RMIT University, where the focus of his teaching and research revolve around transport planning, retail logistics, and global trade operations management. He is a spatial analyst with a strong interest in supply chain analytics, urban infrastructure, urban systems modelling, transport and logistics analysis, emergency services planning, and management of geographic information. He will talk about: Spatially Informed Covid-19 Vaccine Supply Chain: A Spatial Approach to Enhance the Effectiveness of Health Care Delivery

## Linda Randall (Nordregio)

Linda Randall is a human geographer with an interest in addressing place-based inequalities through collaboration between researchers, policy makers and practitioners. Originally from Melbourne, she is currently a Senior Research Advisor at the Nordic Institute for Regional Development and Planning (Nordregio) in Stockholm, Sweden. Linda works primarily on Nordic and European projects concerning the implications of digital technologies for cities and regions. Her presentation is titled – Regional implications of remote work: A Nordic perspective.



## Scott McManus (CSU)



Scott has over 25 years' experience in the exploration and mining industry focusing on data quality, resource estimation, model quality and communicating quality to end users. He is currently researching uncertainty methods with spatial domains and teaching spatial analysis and statistics at Charles Sturt University. He is also involved in Mid North Coast Rugby. He will talk about: Action for more ethical data science in regional policy when working in Indigenous Country or with Indigenous data

## SUBMISSION

The ANZRS AI Council invites contributions from academics, practitioners and policy advisors on any aspect of regional science for presentation at the conference. The program will include *PowerPoint presentations, academic papers* (which may be peer reviewed), *themed panels* and *special sessions* on topics in regional science theory, regional development practice or regional planning policy. Presentations can be made in person, or on-line in two parallel sessions.

The conference includes an Awards Dinner on Thursday 1st December, at which the following awards will be made.

- The John Dickinson Memorial Award for Best Paper in *AJRS*
- The ANZRS AI Award for Best Conference Paper
- The ANZRS AI Award for Best Conference Paper by a Student

The program committee welcomes contributions in the form of a PowerPoint presentation, an academic paper, or a themed panel or special session made up of three presentations. Papers that are submitted in full by the 1st of November will be double-blind peer reviewed for publication in formal conference proceedings on the ANZRS AI website. Papers submitted to the conference may also be submitted to the Association's journal, the *Australasian Journal of Regional Science*, ranked as a tier B journal by the Australian Business Deans Council.

The first step is to submit an *Abstract* giving a brief introduction to the content of the contribution or proposed special session. The abstract should be no more than 150 words, explaining the topic of the contribution and its main points or conclusions. The abstract should make clear that the topic is suitable for a conference of people engaged in regional science theory, practice or policy. Decisions will be confirmed within **two weeks** of receipt.

To submit an abstract or the full paper, please go to the following website:

<https://easychair.org/conferences/?conf=the2022anzrsaiconfer>.

**Please click on the above link**, then use your username and password to open the submission website. If you are a new user, then you need to click on "Create an account" link and then you can create your account and will be able to open the submission website.

The program committee welcomes submissions on any aspect of regional studies but is particularly interested in research or case studies connected to the conference's core theme of *Data Science in Regional Policy: Housing and Workforce Dynamic*.

Please note: Abstracts must be submitted by **31 October** and early bird registration will end on **31 October**.

### **Full Paper Guidelines (Submission must be made by 23:59pm on Tuesday, 07 November 2022): FINAL CALL**

1. Full papers are for mature work, requiring lengthy explanations of the conceptual background, methodology and data and analysis.
2. The paper language must be in English.
3. Full papers should present original works and have not been published elsewhere.
4. Full papers should state: (i) the major issue(s) addressed, (ii) potential significance of the work, (iii) the theoretical and methodological approach(es) pursued, (iv) major findings, conclusions with implications and (v) relevant scholarly references.

5. Full papers must not exceed 12-18 pages and should follow the instructions on the following template ([Full Paper Template](#)).
6. All full papers have to be submitted in **PDF format** before the deadline through the “[2022 ANZRS AI Conference EasyChair submission portal](#)” with the link below:

**Abstract Guidelines (Submission must be made by 23:59pm on Tuesday, 31 October 2022): FINAL CALL**

1. Abstract must be prepared either in LaTeX or .doc format. Click here for the template in [LaTeX](#) or [.doc](#).
2. The address of the author who will present the paper must be clearly specified following the guideline.
3. Incomplete or incorrectly formatted abstracts will not be accepted.
4. The official language for all abstracts, papers, and oral presentations is English.
5. The abstract should state concisely the methods and results of the paper.
6. Abstracts are limited to 150 words (maximum), not including title, author, and keywords. A character is defined as any keystroke, including spaces and punctuation. Abstracts exceeding this count will be truncated. Please submit your abstract free of typographical errors or misspellings.
7. All abstracts have to be submitted in PDF format before the deadline through the “[2022 ANZRS AI Conference EasyChair submission portal](#)” with the link below:

Please click on the above link, then use your username and password to open the submission website. If you are a new user, then you need to click on “Create an account” link and then you can create your account and will be able to open the submission website.

## TRAVEL AND ACCOMMODATION

CSU's campus is situated on the banks of the Murrumbidgee River in Wagga Wagga - the biggest inland city of NSW - known simply as Wagga to locals - has a proud sporting history, a thriving cultural calendar including theatre, music, art and markets, and a growing restaurant and cafe scene. This hosting city is very well connected with other major cities such as Sydney, Melbourne and Canberra. How to get to Wagga Wagga click [here](#).

CSU has ongoing connections with some reasonably priced hotels nearby; these details will be provided in the second call for papers and made available on the conference website at [www.anzrsai.org](http://www.anzrsai.org).

CSU has rigorous COVID Safe practices and protocols in place across all its campuses. You must be fully vaccinated against COVID-19 to live in, or visit, our residences on campus. Its latest statement can be accessed at <https://www.csu.edu.au/current-students/safety-wellbeing/your-wellbeing/coronavirus>.

## CONFERENCE REGISTRATION

The 45<sup>th</sup> Annual Conference of ANZRSAI will open at 9am on Thursday 1<sup>st</sup> December 2022. There will be two days of stimulating plenary addresses, panels of expert speakers and parallel sessions of submitted papers, presented in person at the Convention Centre Charles Sturt University, Wagga Wagga, or on-line through ZOOM.

This is an opportunity for ANZRSAI members and others interested in regional issues to share experiences and network with each other, to keep up to date with latest developments in regional research and to address important issues in regional planning.

Once the program of plenary speakers is finalised, details will be published on the conference website at [www.anzrsai.org](http://www.anzrsai.org).

Registration for the conference includes morning and afternoon tea as well as admission to all plenary and parallel sessions. It also includes complimentary membership of ANZRSAI for 2023.

The ANZRSAI Awards Dinner will be held on Thursday 1<sup>st</sup> December.

The Council has agreed that the conference fees should be reduced for this year. Thus, the fees are half their normal level. There is a small discount for anyone who can attend for just one day.

The fee is the same for those who are present and for those who join the conference on-line.

	<b>Fees</b>
Early Bird Standard Registration (paid before 31 October)	\$300.00
Standard Registration for full conference (paid after 31 October)	\$400.00
Participation in one day of the conference only	\$250.00
Student or Emeritus Registration for full conference	\$150.00
ANZRSAI Awards Dinner (Thursday 1 <sup>st</sup> December, 7pm)	\$120.00

To register for the conference, please go to:

<https://www.anzrsai.org/conference/conference-2022/>

Queries about the conference can be sent to the 2022 ANZRSAI Conference Chair:

**Associate Professor Azizur Rahman, PhD**  
**Charles Sturt University**  
**Wagga Wagga, NSW 2678, Australia**  
**Email: [aspac@csu.edu.au](mailto:aspac@csu.edu.au)**

### Conference Committee:

[Associate Professor Azizur Rahman \(Chair\)](#), Charles Sturt University

[Professor Rolf Gerritsen](#), Charles Darwin University

[Associate Professor Yogi Vidyattama](#), University of Canberra

[Scott McManus](#), Charles Sturt University

[Dr Gregory Jones](#), University of Southern Queensland

[Associate Professor Vince Mangioni](#), University of Technology Sydney

[Professor Mike Hefferan](#), Queensland University of Technology

[Professor Bruce Wilson](#), RMIT University  
[Associate Professor Md Rafiqul Islam](#), Charles Sturt University  
[Dr Paul McPhee](#), Federation University  
[Professor Tony Sorensen](#), University of New England  
[Associate Professor Michael Cameron](#), University of Waikato  
[Dr Omoniyi \(Niyi\) Alimi](#), University of Waikato