

## **THE REGIONAL SCIENCE ASSOCIATION INTERNATIONAL**

The Regional Science Association International (RSAI) is an interdisciplinary, international organisation focusing on understanding the growth and development of urban, regional and international systems. This is promoted through meetings and publications, developing appropriate concepts and methods of analysis, and through the discussion of regional problems and policies. The Australia and New Zealand Section (ANZRSAI) is the local 'branch' of the international body. The broad membership of the ANZRSAI Inc., together with its international affiliation with over 35 countries, provides an Australia – New Zealand perspective within a global regional development context.

- The ANZRSAI's goals are:
- To disseminate knowledge relevant to regional issues and process.
- To encourage research and analysis in fields relevant to regional policy and process.
- To provide forums for the discussion of research, planning and process.
- To encourage and facilitate the professional development of those involved in regional economic and social research, policy and practice.
- To develop policies in liaison with relevant agencies with respect to regional analysis and process.
- To raise community awareness of regional economic and social policy and practice.

Through its annual conference, meetings and publications, the ANZRSAI Inc. encourages members to participate in discussions in order to achieve greater recognition of the need for regional development policy and practice, and to ensure that appropriate structures are pursued within regions in support of regional development based upon analysis and appropriate planning. It is committed to ensuring that Australian regional development process is of a quality that is recognised worldwide.

The ANZRSAI membership encompasses people from many disciplines, including economists, geographers, planners, educators, engineers and consultants, and from many fields of activity; government, universities, research and planning establishments and the private sector. A major strength of the Association lies in the interaction of these various perspectives.

Membership is open to any individual or institution with an interest in regional issues. Annual membership subscription for individuals is \$160 (Student \$30.00, Emeritus subscription \$60.00). Institutional Membership is \$337.50 pa. Members receive the academic journal published three times yearly by the ANZRSAI; the

*Australasian Journal of Regional Studies*. They also receive the ANZRS AI Newsletter and are offered a discount registration fee for our annual conference. For membership enquiries and/or further information, contact:

The Executive Secretary, ANZRS AI Inc., via our website at [www.anzrsai.org](http://www.anzrsai.org).

# ***AUSTRALASIAN JOURNAL OF REGIONAL STUDIES***

## **Notes for Contributors**

*The Australasian Journal of Regional Studies* (AJRS) is a refereed journal published by the Australia and New Zealand Regional Science Association International Inc. This non-profit organisation is dedicated to improving our understanding of regional economic and social conditions and development processes in both the Australasian region and the world at large through research and the discussion of ideas. We welcome contributed articles falling within the broad disciplinary scope of economics, geography, urban and regional planning, demography, environmental resource management, and related public policy.

Articles may be theoretical, philosophical, or empirical in spirit. For example, AJRS regularly publishes (a) cutting edge theoretical and empirical articles on the processes shaping regional economies; (b) analyses of current and emerging regional economic and social conditions often employing innovative data sets and statistical techniques; (c) analyses of short to medium term prognoses for regional development resulting from globalisation, changing macro- and micro-economic settings, or emergent technologies – among other things, and (d) penetrating conceptual, philosophical or ideological articles on the capacities of various tiers of government or communities to develop strategies to remedy or ameliorate regional problems identified through (a) to (c).

**Manuscripts** should be sent electronically to both Dr Sonya Glavac ([sglavac@une.edu.au](mailto:sglavac@une.edu.au)) and Prof Tony Sorensen ([Tony.Sorensen@une.edu.au](mailto:Tony.Sorensen@une.edu.au)). Their postal address is Division of Geography and Planning, School of Behavioural, Cognitive and Social Science, University of New England, Armidale, NSW 2351, Australia.

Articles of up to about 6,000 words and length should be double spaced. They should also follow the formatting guidelines found below.

- (1) A cover page with the title of the paper; authors' names, postal and email addresses; and organisational affiliation. If there is more than one author, please specify the corresponding author to whom acknowledgement, queries or reports should be sent. Referees will **not** receive this page.
- (2) Page two must be headed by the article's title and an abstract of between 100-150 words. The latter will be self-contained and not use undefined abbreviations or references. After the abstract, please provide (i) not more

than 5 key words, and (ii) any acknowledgements of, for example, research grants on which the article depends. Authors' names should **not** appear (the refereeing process is double-blind). The article's text immediately follows these preliminaries.

- (3) Tables and figures must be supplied on separate sheets and not be integrated into the main text. They can be attached to the end of the text or submitted as a separate document. Tables should be created in word using times font and shading should be avoided. All tables and figures should be mentioned in the text and numbered using Arabic numerals. Captions and legends should be grouped together in a list. Figures and line drawings should be of a quality suitable for printing and will not normally be redrawn by the publisher. Since the journal is published electronically, we can, however, accept colour figures. Please make sure that sources are given for tables and figures.
- (4) Footnotes and appendices should be avoided.
- (5) Textual references should give the author's name, with year of publication in parentheses. Multiple publications by the same author in the same year should have (a), (b), etc. Appended

Page Size: A4 Portrait

Page Margins:

Left:	4.75 cm
Right:	4.75 cm
Top edge to top of header:	5.0 cm
Top edge to top of text:	6.0 cm
Bottom edge to bottom of text:	5.4 cm

Title of Article: On first page of article:  
**16 pt Times, block capitals, bold,  
NOT justified, top of text area.**

Author(s) Name(s): Miss a line below title:  
**12 pt Times, Upper and Lower Case, bold, NOT  
justified.**

Author(s) Affiliation(s) Next line, 10 pt Times font, NOT bold, NOT justified  
Position (e.g. Senior Lecturer), Department or School,  
University or Business or Government Department, City,  
State, Postcode, Country.

Abstract:                   **ABSTRACT:**   Heading bolded, text unbolded starts after tab, text justified to left and right margins, single line spacing).

Quotations, if any, after Abstract: 11 pt Times font, centred (quote), author of quote centred below, NOT bolded, 1-line gap from abstract text.

Major Headings:           Miss one line after Abstract or quotations, section number, section description, blocked text, bold, Times 11 pt font, left margin.

## **1. INTRODUCTION**

Minor (Sub-)Headings:   Times 11 pt font, bold, Title Case, italicised and NOT numbered

### ***Input-Output Analysis***

Text:                       Miss one line after heading. Text is single line spacing in 11 pt Times font; left and right justified; paragraphs start indented three characters; no space between paragraphs within sections

Tables, Diagrams and Maps:

Titles: 11 pt Times font, Table and table number (or Figure number) followed by a full-stop bolded (**Table 1.**); name of Table (or Figure) follows after one space, NOT bolded, key words start with capital letter; line spaces before title and after table or figure.

Authors should indicate sources of Tables, Diagrams and Maps; for self-created items use: Source: the Author (or Authors) as appropriate.

Tables, Diagrams and Maps should be of good quality for immediate reproduction. Items may be in colour since the Journal is published on-line.

- References (heading):     **REFERENCES**   11 pt Times, Block Capitals, bolded heading; then use alphabetical order for individual references.
- Individual References:    11 pt Times, NOT bolded, see specific examples below for different classes of publication.
- Journal Article:           Baker, R. G. V. (1994). On travel behaviour relative general place utility field. *Environment and Planning A*, 26, pp. 1455-1474.
- Journal Article with Additional DOI Information: Hořava, P. (2009). Quantum gravity at a Lifshitz point. *Physical Review D*, 79(8), DOI:10.1103/PhysRevD.79.084008.
- Book:                        Becker, G. S. (1976). *The Economic Approach to Human Behavior*, University of Chicago Press, Chicago.
- Chapter in a Book:         Arthur, B., Durlauf, S. and Lane, D. A. (1997). Introduction: Process and emergence in the economy. In B. Arthur, S. Durlauf and D. A. Lane (Eds) *The Economy as an Evolving Complex System II*, Addison-Wesley, Reading, Mass.
- Conference Proceedings: Juniper, J. (2008). A critique of Dopfer and Potts'' evolutionary realism. Proceedings of the 32nd ANZRSI Conference, Adelaide, pp. 149-165.
- Translation of a Classic Work:     Plato (1965). *Timaeus* (translated with an introduction by H. D. P. Lee). Penguin, Harmondsworth.
- Original Edition of a Classic Work: Kondratieff, N. (1924). *On the Notion of Economic Statics, Dynamics and Fluctuations*, published originally in the Soviet Union in Russian.
- Web Materials:             Horn, R. E. and Weber, R. P. (2007). New tools for resolving wicked problems: Mess mapping and resolution mapping processes. Strategy Kinetics L.L.C. Online version accessed 25 October 2010,

<http://designmind.frogdesign.com/articles/fall/wicked-problems.html-0>.

**Proofs** will be sent to authors (if there is sufficient time to do so). They should be corrected and returned to the publisher as soon as possible (within three days).

## CONTENTS

### THE AUSTRALASIAN JOURNAL OF REGIONAL STUDIES

<b>VOLUME 20, NO. 1</b>	<b>2014</b>
<b>Tony Sorensen and Sonya Glavac</b> <i>Note from the Editors</i>	1
<b>Gordon Mulligan</b> <i>Regional Science at Sixty: Traditional Topics and New Directions</i>	4
<b>Boyd Dirk Blackwell and Brian Dollery</b> <i>The Impact of Mining Expenditure on Remote Communities in Australia: the Ranger Uranium Mine and the Tanami Gold Mine in the Northern Territory</i>	68
<b>Francine Rochford</b> <i>Regional Adaptation in a Global Market – the Case of Water Infrastructure</i>	98
<b>Peter Saunders and Melissa Wong</b> <i>Locational Differences in Material Deprivation and Social Exclusion in Australia</i>	131
<b>Abbas Valadkhani, George Chen and John Anderson</b> <i>A Cluster Analysis of Petrol across Various Regional and Urban Locations in Australia</i>	159
<b>Ruth F.G. Williams, Darrel P. Doessel and Jerneja Svetlic</b> <i>The Innovation Potential of Living-Labs to Strengthen Small and Medium Enterprises in Regional Australia</i>	185
<b>Caroline Winter</b> <i>Public Perceptions of War Memorials: A study of Ballarat</i>	210

---