Australasian Journal of Regional Studies

Volume 20, Number 1, 2014

Editors

Sonya Glavac and Tony Sorensen *University of New England*

Journal of the Australian and New Zealand Regional Science Association International Inc.

THE AUSTRALASIAN JOURNAL OF REGIONAL STUDIES Journal of the Australia and New Zealand Regional Science Association International Inc.

EDITORS

Sonya Glavac and Tony Sorensen, University of New England, Australia

Editorial Board

Scott Baum, Griffith University, Australia
Andrew Beer, University of Adelaide, Australia
Terry Clower, University of N Texas, USA
Geoffrey Hewings, University of Illinois, USA
Yoshiro Higano, University of Tsukuba, Japan
John Madden, Monash University, Australia
John Mangan, University of Queensland, Australia
Ralph McLaughlin, San José State University, USA
Gordon Mulligan, University of Arizona, USA
Kevin O'Connor, University of MAelbourne, Australia
Jan Oosterhaven University of Groningen, NL
Jacques Poot, Waikato University, New Zealand

© 2014 The Australia and New Zealand Regional Science Association International Inc.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the written permission of the copyright holder.

ISSN 1324-0935

THE AUSTRALASIAN JOURNAL OF REGIONAL STUDIES

VOLUME 20, NO. 1	<u>2014</u>
Tony Sorensen and Sonya Glavac	
Note from the Editors	1
Gordon Mulligan	
Regional Science at Sixty: Traditional Topics and New	
Directions	4
Boyd Dirk Blackwell and Brian Dollery	
The Impact of Mining Expenditure on Remote Communities in	
Australia: the Ranger Uranium Mine and the Tanami Gold	
Mine in the Northern Territory	68
Francine Rochford	
Regional Adaptation in a Global Market – the Case of Water	
Infrastructure	98
Peter Saunders and Melissa Wong	
Locational Differences in Material Deprivation and Social	
Exclusion in Australia	131
Abbas Valadkhani, George Chen and John Anderson	
A Cluster Analysis of Petrol across Various Regional and	
Urban Locations in Australia	159
Ruth F.G. Williams, Darrel P. Doessel and Jerneja Sveticic	
The Innovation Potential of Living-Labs to Strengthen Small	
and Medium Enterprises in Regional Australia	185
Caroline Winter	
Public Perceptions of War Memorials: A study of Ballarat	210
1 0	

Published by the Australia and New Zealand Regional Science Association International Inc.

The Australasian Journal of Regional Studies is a refereed journal published three times yearly by the Australia and New Zealand Regional Science Association International Inc. (ANZRSAI), which is a non-profit organisation dedicated to the promotion of efficient and effective regional development policies through research, education and the discussion of ideas. Its interests cover a wide range of Australian and international regional issues with a major focus on the Asia-Pacific region. Its goal is to provide a platform for a multidisciplinary approach to regional analysis. Submissions which fall within this general framework of regional analysis, policy, practice and development are welcome. The journal includes research notes and reviews of books.

Manuscripts should be sent electronically to both Dr Sonya Glavac (sglavac@une.edu.au) and Prof. Tony Sorensen (Tony.Sorensen@une.edu.au). Details concerning the preparation and submission of manuscripts can be found on the Association's website at www.anzrsai.org. Enquiries about ANZRSAI can be sent to our email address at anzrsai@anzrsai.org.