
Graham Marshall

Program Leader

Graham's research is concerned primarily with understanding socio-economic issues in collaborative natural resources management (NRM). His focus is particularly on collaborative efforts depending on cooperation from farmers for their success. He is author of the book 'Economics for Collaborative Environmental Management: Renegotiating the Commons' (Earthscan 2005). He led the recently-completed project 'Nesting community-based NRM for regional accountability and grassroots cooperation' funded by RIRDC until end 2007, and currently leads the project 'Improving economic accountability when using decentralized, collaborative approaches to environmental decisions' funded by CERF over 2008-10.

Academic Qualifications

- 1980 – Bachelor of Science in Agriculture (Hons 1), University of Sydney
- 1996 – Master of Economics, University of New England (UNE)
- 2002 – Doctor of Philosophy, School of Economics, UNE.

Recent Employment History

- 2006- Program Leader, Institute for Rural Futures, UNE
- 2002-2005 ARC Postdoctoral Fellow, Institute for Rural Futures, UNE
- 1997-2001 PhD candidate, School of Economics, UNE
- 1996-1997 Lecturer, Department of Agricultural and Resource Economics, UNE

Professional Affiliations

- 1984- Australian Agricultural and Resource Economics Society (AARES)
- 1996- International Association for the Study of the Commons
- 2000- Australia and New Zealand Society for Ecological Economics
- 2000- International Society for Ecological Economics
- 2000- International Association of Agricultural Economists

Professional Service

2001-2003 Book Review Editor, *Australian Journal of Agricultural and Resource Economics*.

Journal manuscript reviewer for:

Agricultural Systems; Australasian Agribusiness Review; Australian Journal of Experimental Agriculture; Australian Journal of Agricultural and Resource Economics; Ecological Economics; Ecology and Society; International Journal of Agricultural Resources, Governance and Ecology; Human Ecology Review; International Journal of the Commons; Science; Third Sector Review; Water International.

Book reviewer for:

Australian Journal of Agricultural & Resource Economics; Ecological Economics.

Recent Highlights

2001-2005 Australian Research Council Discovery Grant for the project *Institutional transitions to sustainable agriculture: An inter-disciplinary analysis of a novel common-property resource governance system* (as team member) (\$220K).

2001-02 *The Future of Farming – Farmers Working Together for Long-Term Economic, Social & Environmental Sustainability*, a project funded by the Department of Transport and Regional Services through GLENRAC – Glen Innes Natural Resources Advisory Committee (\$31K).

2003 Best PhD Research Award from the Australian Agricultural and Resource Economics Society.

2004-07 Rural Industries Research and Development Corporation Grant for the project *Nesting community-based NRM for regional accountability and grassroots cooperation* (\$120K).

2006-07 Australian Centre for International Agricultural Research (ACIAR) grant for the project *Social capital and rural development in eastern Indonesia* \$150K (co-leader with Ian Patrick).

2006- *Economics for Collaborative Environmental Management: Renegotiating the Commons* reviewed favourably in *Ecological Economics* (Elinor Ostrom, 2007); *Geographical Research* (Andrew Beer, 2007); *Human Ecology* (David Lewis Feldman, 2007); *Journal of Agricultural Economics* (Alan Renwick, 2007); *Rural Society* (Ingrid van Puten, 2006).

2008 Keynote speaker at the (Western Australian) State Natural Resource Management Conference, Bridgetown, April.

2008 Contracted to the Commonwealth Department of Climate Change to work the Expert Advisory Group for the Strategic Assessment of the Vulnerability of Australia's Biodiversity to Climate Change in writing sections of the Assessment's final report.

2007-09 Commonwealth Environmental Research Facilities (CERF) grant (as co-researcher) for the project *Order with and without law: Understanding perceptions and attitudes towards formal and informal controls of environmental resource demeanours*.

- 2008-10 Commonwealth Environmental Research Facilities (CERF) grant (as project leader) for the project *Improving economic accountability when using decentralised, collaborative approaches to environmental decisions* (\$436K).

Publications

Books

- Marshall, G.R., 2005. *Economics for Collaborative Environmental Management: Renegotiating the Commons*, Earthscan, London. See http://www.ruralfutures.une.edu.au/publications/books_2.php?nav=3.

Refereed Book Chapters

- Marshall, G., 1993. 'Organic agriculture in Australia: An economist's perspective', in: Small, D., Auld, D., Wilson, K. and Bouchier, J. (eds), *Organic Agriculture: A Serious Form of Agriculture*, Northern Victoria Branch of the Australian Institute for Agricultural Science. See <http://www.ruralfutures.une.edu.au/publications/3.php?nav=Conference%20Paper&publication=37>
- Brunckhorst, D.J. and Marshall, G.R., 2007. 'Designing robust common property regimes for collaboration towards rural sustainability', in: A. Smajgl and S. Larson (eds), *Sustainable Resource Use: Institutional Dynamics and Economics*, Earthscan, London, pp. 179-207.
- Marshall, G.R., 2008. 'Nesting, subsidiarity, and community-based environmental governance beyond the local level', in: Mukherjee, D. (ed.), *Environmental Governance: Concepts, Relevance and Lessons*, Icfai University Press, Hyderabad, India.

Refereed Published Papers

- Marshall, G.R., 1991. 'Organic farming: Should government give it more technical support?', *Review of Marketing and Agricultural Economics* 59(3), 283-296. See http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=25245&ftype=.pdf
- Marshall, G., 1992. 'The future of organic farming in Australia', *Australian Journal of Soil and Water Conservation* 5(2), 33-35.
- Jones, R. and Marshall, G., 1992. 'Land salinisation, waterlogging and the agricultural benefits of a surface drainage scheme in Benerembah Irrigation District', *Review of Marketing and Agricultural Economics* 60(2), 173-189. See http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=25614&ftype=.pdf
- Marshall, G. and Jones, R., 1993. 'On-farm economics of laser landforming for rice farmers', *Review of Marketing and Agricultural Economics* 61(1), 73-90. See http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=25608&ftype=.pdf
- Brennan, J.P., Lewin, L.G., Marshall, G.R. and Reinke, R.F., 1994. 'An economic assessment of rice breeding in New South Wales', *Australian Journal of Experimental Agriculture* 34, 889-896.
- Marshall, G.R., Wall, L.M. and Jones, R.E., 1996. 'Economics of integrated catchment management', *Review of Marketing and Agricultural Economics* 64(2), 166-176. See http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=25130&ftype=.pdf
- Marshall, G.R., Parton, K.A. and G.L. Hammer, 1996. 'Risk attitude, planting conditions and the value of seasonal forecasts to a dryland wheat grower', *Australian Journal of Agricultural Economics* 40(3), 211-234.

- Marshall, G.R. and Jones, R.E., 1997. 'Significance of supply response for estimating agricultural costs of soil salinity', *Agricultural Systems* 53, 231-252.
- Marshall, G.R., Jones, R.E. and Wall, L.M., 1997. 'Tactical opportunities, risk attitude and choice of farming strategy: an application of the distribution method', *Australian Journal of Agricultural and Resource Economics*, December, 41(4), 499-519.
- Marshall, G.R. and Brennan, J.P., 2001. 'Issues in benefit-cost analysis of agricultural research projects', *Australian Journal of Agricultural and Resource Economics*, 45(2), 195-213.
- Marshall, G.R., 2002. 'Institutionalising cost sharing for catchment management: Lessons from land and water management planning in Australia', *Water, Science and Technology*, 45(11), 101-112.
- Marshall, G.R., 2004. 'From words to deeds: Enforcing farmers' conservation cost-sharing commitments', *Journal of Rural Studies*, 20(2), 157-167.
- Marshall, G.R., 2004., 'Farmers cooperating in the commons? A study of collective action in salinity management', *Ecological Economics*, 51(3-4), 271-286.
- Marshall, G.R., Fritsch, S.J. and Dulhunty, R.V., 2005, 'Catalyzing common property farming for rural sustainability: Lessons from the Furracabad Valley', *Australian Agribusiness Review*, 13, paper 17. See http://www.agrifood.info/review/2005/Marshall_et_al.html
- Cacho, O.J., Marshall, G.R. and Milne, M., 2005, 'Transaction and abatement costs of carbon-sink projects in developing countries', *Environment and Development Economics*, 10(5), 597-614.
- Pannell, D.J., Marshall, G.R., Barr, N., Curtis, A., Vanclay, F. and Wilkinson, R., 2006. 'Understanding and promoting adoption of conservation practices by rural landholders', *Australian Journal of Experimental Agriculture*, 46(11), 1407-1424.
- Marshall, G.R., 2008. 'Nesting, subsidiarity, and community-based environmental governance beyond the local level', *International Journal of the Commons*, 2(1), 97-97. See <http://www.thecommonsjournal.org/index.php/ijc/article/viewFile/50/19>

Dissertations

- Marshall, G. R., 1980. The demand for and value of outdoor recreation at the Warrumbungle National Park, Unpublished B.Sc.Agr. Honours dissertation, Department of Agricultural Economics, Faculty of Agriculture, University of Sydney, Australia.
- Marshall, G.R., 1996. Risk attitude, planting conditions and the value of climate forecasts to a dryland wheat grower, Unpublished M.Ec. dissertation, Faculty of Economics, Business and Law, UNE, Armidale, Australia.
- Marshall, G.R., 2001. Crafting cooperation in the commons: An economic analysis of prospects for collaborative environmental governance, Unpublished Ph.D. thesis, Faculty of Economics, Business and Law, UNE, Armidale, Australia. See http://www.ruralfutures.une.edu.au/downloads/GM_Thesis.pdf

Book Reviews

- Marshall, G.R., 2002. 'Communities and the Environment: Ethnicity, Gender, and the State in Community-based Conservation', edited by Arun Agrawal and Clark C. Gibson, Rutgers University Press, New Brunswick, USA, 2001. Reviewed for *Australian Journal of Agricultural and Resource Economics*, 46(3): 480-483.

Marshall, G.R. (2007), "Collaborative Environmental Management: What Roles for Government?", by Tomas M. Koontz, Toddi A. Steelman, JoAnn Carmin, Katrina Smith Korfmacher, Cassandra Mosely and Craig W. Thomas, Resources for the Future Press, Washington, DC, USA, 2004. Reviewed for *Ecological Economics* 62: 373-374.

Selected conference papers

Marshall, G.R., 1998. 'Economics of cost sharing for agri-environmental conservation', Paper presented at the 42nd Annual Conference of the Australian Agricultural and Resource Economics Society, University of New England, Armidale, 19-21 January. See

<http://www.ruralfutures.une.edu.au/publications/3.php?nav=Conference%20Paper&publication=4>

Marshall, G.R., 2003. 'Towards a resource economics for adaptive managers', Paper presented at the 47th Annual Conference of the Australian Agricultural and Resource Economics Society, Fremantle, 12-14 February. See

<http://www.ruralfutures.une.edu.au/publications/3.php?nav=Conference%20Paper&publication=12>

Marshall, G.R., Patrick, I.W., A. Muktasam and I.G.A.A. Ambarawati, 2006. 'Alleviating poverty by linking smallholders with agribusiness: Roles of social capital and common property', Paper presented to the 11th Biennial Conference of the International Association for the Study of Common Property, Ubud, Bali, Indonesia, 19-23 June. See

<http://www.ruralfutures.une.edu.au/publications/3.php?nav=Conference%20Paper&publication=31>

Marshall, G.R., 2008. 'Multi-level governance and on-farm adoption of conservation practices in three Australian regions', Paper presented to the 12th Biennial Conference of the International Association for the Study of the Commons, Cheltenham, England, 14-18 July 2008. See

<http://www.ruralfutures.une.edu.au/publications/3.php?nav=Conference%20Paper&publication=47>