

David J. PANNELL

Current Positions: Director, Centre for Environmental Economics and Policy
Winthrop Professor, Head of School of Agricultural and Resource
Economics, University of Western Australia.

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Highest qualification PhD (1990)

Awards and Recognition

- 2015 Vice Chancellor's Award in Research Mentorship, University of Western Australia.
- 2014 Vice-Chancellor's Senior Research Awards, University of Western Australia
- 2014 Australian Agricultural and Resource Economics Society, Quality of Research Communication award
- 2012 Elected as a Fellow of the Academy of Social Sciences in Australia
- 2012 Australian Agricultural and Resource Economics Society, Quality of Research Communication award
- 2011 Distinguished Fellow of the Australian Agricultural and Resource Economics Society
- 2009 ARC Eureka Prize for Excellence in Multidisciplinary Research
- 2009 Australian Agricultural and Resource Economics Society, Quality of Research Discovery award
- 2009 Australian Agricultural and Resource Economics Society, Quality of Research Communication award
- 2007 Australian Research Council Federation Fellowship

Research Areas

Resource and environmental economics and policy. Topics include policy design, policy evaluation, project prioritisation, policy mechanism selection, bio-economic modelling of management options, adoption of conservation practices, risk & uncertainty, transaction costs, and economics of monitoring sustainability indicators. Issues covered include biodiversity, water quality, environmental pests, herbicide resistance, climate change, agricultural systems, groundwater, dryland salinity, urban water conservation, marine conservation, groundwater, bushfires, soil conservation, threatened species management, land allocation.

Track record of delivering widely used models and decision tools in agriculture and natural resource management, including MIDAS, RIM, ADOPT, and INFFER.

Research Funding and Leadership

- \$20 million of external funding in 52 individual projects since 1983.
- CI or named investigator in national research centres (4 CRCs, 2 CEs, NERP) with total grants of \$146m.
- Track record of establishing and leading successful research teams on a range of topics.

Publications

- 7 books and monographs and 220 journal articles and book chapters.
- 100 other reports, conference papers, extension articles, etc.
- Editor, *Australian Journal of Agricultural and Resource Economics*, 2004-07
- Editorial boards: *Agricultural Systems*, *Land Use Policy*. Past ones: *Applied Economic Perspectives and Policy*, *Canadian Journal of Agricultural Economics*, *Journal of Agricultural and Applied Economics*.

Key publications

- Pannell, D.J., Roberts, A.M., Park, G., Alexander, J., Curatolo, A. and Marsh, S. (2012). Integrated assessment of public investment in land-use change to protect environmental assets in Australia, *Land Use Policy* 29(2), 377-387.
- Pannell, D.J. and Vanclay, F.M. (eds) (2011). *Changing Land Management: Adoption of New Practices by Rural Landholders*, CSIRO Publishing, Canberra.
- Pannell, D.J. (2008). Public benefits, private benefits, and policy intervention for land-use change for environmental benefits, *Land Economics* 84(2), 225-240. (ERA: A, rank 99/332 in economics, 52 citations)
- 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.
- Pannell, D.J. (2006). Flat-earth economics: The far-reaching consequences of flat payoff functions in economic decision making, *Review of Agricultural Economics* 28(4), 553-566.