

Publications

David J. PANNELL

Books

1. Adenle, A.A., Chertow, M.R., Moors, E.H.M. and Pannell, D.J. (eds) (2020). *Science, Technology and Innovation for Sustainable Development Goals: Insights from Agriculture, Health, Environment and Energy*, Oxford University Press, New York, 567 pp.
2. Pannell, D.J. and Vanclay, F.M. (eds) (2011). *Changing Land Management: Adoption of New Practices by Rural Landholders*, CSIRO Publishing, Canberra.
3. Pannell, D.J. and Schilizzi, S. (eds) (2006). *Economics and the Future: Time and Discounting in Private and Public Decision Making*, Edward Elgar, Cheltenham, UK and Northampton, MA, USA.
4. Pannell, D.J. (1997). *Introduction to Practical Linear Programming*, Wiley Interscience, New York, 333 pp.
5. Kingwell, R.S. and Pannell, D.J. (Eds) (1987). *MIDAS, A Bioeconomic Model of a Dryland Farm System*, Pudoc, Wageningen, 207pp.

Refereed journal articles

1. Rollins C., Doll C., Rehdanz K., Meyerhoff J., Burton, M. and Pannell, D. (2025). The role of social norms and economic incentives in encouraging the adoption of native gardens, *Land Economics* 101(4), 482-498. DOI: 10.3368/le.101.4.061524-0051R1
2. Pannell, D.J. (2026). Soil carbon sequestration policy in Australia: The additionality dilemma, *Australian Journal of Agricultural and Resource Economics* (forthcoming).
3. Doll, C.A. Rollins, C., Rehdanz, K., Meyerhoff, J., Burton, M. and Pannell, D. (2025). The Role of Social Norms and Economic Incentives in Encouraging the Adoption of Native Gardens, *Land Economics* (forthcoming).
4. Pannell, D.J. and Malcolm, B. (2025). A history of the Australasian Agricultural and Resource Economics Society, *Australian Journal of Agricultural and Resource Economics* 69(3), 490-500. <https://doi.org/10.1111/1467-8489.70019>.
5. Rollins, C.A., Doll, C.A., Anders, S., Burton, M.P. and Pannell, D.J. (2025). Opinion poles: Polarised views on energy developments in Canada's oil province. *Energy Research and Social Science* 125, 104069. <https://doi.org/10.1016/j.erss.2025.104069>
6. Pannell, D.J., Johnston, R.J., Burton, M.P., Iftekhar, M.S., Rogers, A.A., and Day, C. (2025). The value of a value: The benefits of improved decision making informed by non-market valuation, *Journal of Environmental Economics and Management* 131, 103148. DOI: 10.1016/j.jeem.2025.103148

7. Doll, C.A. Rollins, C., Rehdanz, K., Meyerhoff, J., Burton, M. and Pannell, D. (2025). Public preferences for street tree characteristics: A best-worst scaling experiment, *Urban Forestry and Urban Greening* 104, 128644. doi: 10.1016/j.ufug.2024.128644
8. Mitchell, E., Takeda, N., Grace, L., Grace, P., Day, K., Ahmadi, S., Badgery, W., Cowie, A., Simmons, A., Eckard, R., Harrison, M., Parton, W., Wilson, B., Orgill, S., Viscarra Rossel, R., Pannell, D., Stanley, P., Deane, F., and Rowlings, D. (2024). Making soil carbon credits work for climate change mitigation, *Carbon Management* 15(1), 2430780. <https://doi.org/10.1080/17583004.2024.2430780>
9. Doll, C.A., Pannell, D.J. and Burton, M.P. (2024). Economic evaluation of alternative urban park designs that conserve irrigation water, *Australian Journal of Agricultural and Resource Economics* <https://doi.org/10.1111/1467-8489.12582>.
10. Xie, Z., Game, E., Phinn, S., Adams, M., Bayarjargal, Y., Pannell, D., Purevbaatar, G., Baldangombo, B., Hobbs, R., Yao, J., and McDonald-Madden, E. (2024). A scalable big data approach for remotely tracking rangeland conditions, *Communications Earth & Environment* 5, Article number: 349. <https://doi.org/10.1038/s43247-024-01516-2>
11. Vuong, T.H., Pannell, D.J., Burton, M.P. and Schilizzi, S. (2024). Vietnamese consumers' willingness to pay for improved food safety for vegetables and pork, *Australian Journal of Agricultural and Resource Economics* 68(4), 948-972. <https://doi.org/10.1111/1467-8489.12577>
12. Doll, C.A., Burton, M.P., Pannell, D.J., Rehdanz, K., Meyerhoff, J. and Rollins, C.L. (2024). Public preferences for water-conserving groundcovers on verges, *Water Resources and Economics* 46, 100239. <https://doi.org/10.1016/j.wre.2024.100239>
13. Pannell, D.J., Nguyen, H.T.M., Chu, H.L., Kompas, T. and Rogers, A.A. (2024). Benefit-Cost Analysis decision criteria: Reconciling conflicting advice, *Applied Economics Teaching Resources* 6(1).
14. Pannell, D.J. (2023). Quantitative analysis of the evolution of the Beatles' releases for EMI, 1962 – 1970, *The Journal of Beatles Studies*, Spring/Autumn, 65-90. <https://doi.org/10.3828/jbs.2023.5>
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16. Doll, C.A., Burton, M.P., Pannell, D.J., and Rollins, C.L. (2023). Are greenspaces too green? Landscape preferences and water use in urban parks, *Ecological Economics* 211, 107896. <https://doi.org/10.1016/j.ecolecon.2023.107896>
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18. Shea, K. et al. (2023). Multiple models for outbreak decision support in the face of uncertainty, *PNAS* 120 (18) e2207537120 <https://doi.org/10.1073/pnas.2207537120>.
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<https://doi.org/10.1016/j.ecolecon.2022.107671>
20. Wallace, K., Kiatkoski Kim, M., Álvarez-Romero, J.G., Pannell, D., Hill, R., Marshall, M. (2022). A well-being framework for cross-cultural assessment of development scenarios: A case study from North-Western Australia, *People and Nature* 4(6), 1575-1591.
 21. Po, M., Pannell, D.J., Walker, I., Dempster, F., Tapsuwan, S., Mendham, D.S., Hardiyanto, E.B., Wibisono, G. and Oktalina, S.N. (2022). Influence of intrinsic and extrinsic factors on farmer decisions to adopt acacia best management practices in Gunungkidul, Indonesia, *Agroforestry Systems* 96(8), 1103-1119.
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 25. Kiatkoski Kim, M., Douglas, M.M., Pannell, D., Setterfield, S., Hill, R., Laborde, S., Perrott, L., Alvarez-Romero, J., Beesley, L., Canham, C. and Brecknell, A. (2022). When to use transdisciplinary approaches for environmental research, *Frontiers in Environmental Science* 10:840569. doi: 10.3389/fenvs.2022.840569
 26. Iftekhhar, Md.S. and Pannell, D.J. (2022). Developing an integrated investment decision-support framework for water-sensitive urban design projects, *Journal of Hydrology* 607, 127532, 1-9. <https://doi.org/10.1016/j.jhydrol.2022.127532>
 27. Pannell, D.J. and Rogers, A.A. (2022). Agriculture and the environment: Policy approaches in Australia and New Zealand, *Review of Environmental Economics and Policy* 16(1), 126-145.
 28. Kiatkoski Kim, M., Álvarez-Romero, J.G., Wallace, K., Pannell, D., Hill, R., Adams, V.M., Douglas, M. and Pressey, R.L. (2021). Participatory multi-stakeholder assessment of alternative development scenarios in contested landscapes, *Sustainability Science* 10, 221–241.
 29. Powell, J.W., Welsh, J.M., Pannell, D. and Kingwell, R. (2021). Factors influencing Australian sugarcane irrigators' adoption of solar photovoltaic systems for water pumping, *Cleaner Engineering and Technology* Volume 4, October 2021, 100248, <https://doi.org/10.1016/j.clet.2021.100248>
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35. Pannell, D.J. and Adamowicz, W.L. (2021). What Can Environmental Economists Learn from the COVID-19 Experience? *Applied Economic Perspectives and Policy* 43(1), 105-119.
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37. Shea, K., Runge, M.C., Pannell, D., Probert, W., Shou-Li, L., Tildesley, M. and Ferrari, M. (2020). Harnessing the power of multiple models for outbreak management, *Science* 368(6491), 577-579.
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