

PUBLICATION RECORD FOR DR GEOFF KAINE

Academic Qualifications

B Ag Ec (Hons) UNE 1982

M Ec UNE 1987

PhD UNE 2009

Employment History

2014-	Principal, Geoff Kaine Research, Hamilton, New Zealand
2012-13	Principal, Geoff Kaine Research, Mooroopna, Victoria
2011-12	Research Leader, Service Design Research, Department of Primary Industries, Tatura, Victoria
2010-11	Manager, Service Design Research, Department of Primary Industries, Tatura, Victoria
2004-10	Senior Policy Researcher, Department of Primary Industries, Tatura, Victoria
2002-04	Senior Scientist AgResearch, Hamilton, New Zealand
2000-02	Senior Research Fellow, School of Marketing and Management, University of New England
1998-99	Senior Project Director, School of Marketing and Management, University of New England
1989-98	Project Officer, Project Director, Snr Project Director The Rural Development Centre, University of New England
1988-89	Project Officer, Centre for Water Policy Research, University of New England
1988-88	Temporary Lecturer, Department of Agricultural Economics and Business Management, University of New England
1986-88	Junior Research Fellow, Department of Agricultural Economics and Business Management, University of New England
1984-85	Tutor, Department of Agricultural Economics and Business Management, University of New England
1982-83	Junior Research Fellow, Department of Agricultural Economics and Business Management, University of New England

Refereed Publications and Papers

1. Cowan L, Kaine G and Wright V (2013) The Role of Strategic and Tactical Flexibility in Managing Input Variability on Farms, *Systems Research and Behavioral Science* 30(4): 470-494
2. Hill M, Rowbottom B and Kaine G (forthcoming) The use of soil and petiole nutrient testing by Australian wine grape growers, *Extension Farming Systems Journal*
3. Kaine G, Doyle B, Sutherland H and Scott J (forthcoming) An analysis of the research needs of graziers in the New England region of NSW, in Scott J (ed) *The Cicerone Project: Exploring profitable and sustainable grazing enterprises through producer-led research, extension and adoption*, Animal Production Science.
4. Cowan L and Kaine G (2011) Using general systems theory to understand how farmers manage variability, *Systems Research and Behavioral Science*, 28: n/a. doi: 10.1002/sres.1073
5. Kaine G, Wright V, Cooksey R and Bewsell D (2011) Identifying potential adopters of an agricultural innovation, in Pannell D and F Vanclay (eds) *Changing Land Management: Adoption of New Practices by Rural landholders*, CSIRO, Melbourne
6. Sandall J, Kaine G and Johnson F (2010) Revealing the woods for the trees: justifications for government intervention in natural resource and environmental issues, *Occasional paper no. 12*, Australia and New Zealand School of Government and State Services Authority, Victoria
7. Kaine G, Murdoch H, Lourey R and Bewsell D (2010) A framework for understanding individual response to regulation, *Food Policy*, 35 (6): 531–537
8. Hill M, Rowbottom B and Kaine G (2009) Understanding the benefits sought from grapevine nutrition management by Australian wine grape growers, *Extension Farming Systems Journal*, 5 (1): 63-72
9. Cowan L, Linehan C and Kaine G (2009) Evaluating incentive program success: a hill land class fencing case study, *Extension Farming Systems Journal*, 5 (2): 1-8
10. Kaine G, Higson M and Young J (2008) A Tradable Emissions Permit Program for Nitrogen in Lake Taupo, Multifunctional Grasslands in a Changing World, *Proceedings of the 21st International Grasslands Congress and the 8th International Rangelands Congress*, Volume II, Hohhot, China, 893-898
11. Kaine G and Bewsell D (2008) Adoption of Integrated Pest Management by apple growers: the role of context, *International Journal of Pest Management*, 54 (3): 255-265

12. Kaine G, Lees J and Wright V (2007) An Approach to Predicting Demand for an Agricultural Innovation, *Australasian Agribusiness Review*, 15: 94-107
13. Ambrosio C, Linehan C and Kaine G (2008) Understanding the reasons for non-adoption of Sustained Deficit Irrigation practices in the Sunraysia Wine Grape Industry, *Acta Horticulturae*, 792: 27-32
14. Bewsell D, Monaghan R and Kaine G (2007) Adoption of stream fencing among dairy farmers in four catchments in New Zealand, *Environmental Management*, 40 (2), 201-209
15. Kaine G and Higson M (2006) Understanding Variety in Landholders' Responses to Resource Policy, Paper 6, *Australasian Agribusiness Review*, 14, http://www.agrifood.info/review/2006/Kaine_Higson.html
16. Kaine G and Bewsell D (2006) Participation in Quality Assurance Programs in the Apple Industry, Paper 9, *Australasian Agribusiness Review*, 14, http://www.agrifood.info/review/2006/Bewsell_Kaine.html
17. Ambrosio C, Linehan C and Kaine G (2006) Understanding adoption of precision agriculture technologies, in *Practice Change for Sustainable Communities: Exploring Footprint, Pathways and Possibilities, Proceedings of the 2006 APEN International Conference*, Beechworth, Victoria 3-6 March
18. Bewsell D and Kaine G (2006) Adoption of environmental best practice amongst dairy farmers, *Practice Change for Sustainable Communities: Exploring Footprint, Pathways and Possibilities, Proceedings of the 2006 APEN International Conference*, Beechworth, Victoria 3-6 March
19. Cowan L, Murdoch H, Linehan C and Kaine G (2006) Is there a role for extension in regulatory change? A channel automation case study, *Practice Change for Sustainable Communities: Exploring Footprint, Pathways and Possibilities, Proceedings of the 2006 APEN International Conference*, Beechworth, Victoria 3-6 March
20. Payne T, Kaine G and Bewsell D (2006) Towards a conceptual model for human responses to biosecurity issues, in *Practice Change for Sustainable Communities: Exploring Footprint, Pathways and Possibilities, Proceedings of the 2006 APEN International Conference*, Beechworth, Victoria 3-6 March
21. Boland A, Bewsell D and Kaine G (2005) Adoption of sustainable irrigation management practices by stone and pome fruit growers in the Goulburn/Murray Valleys, Australia, *Irrigation Science*, November, 1 - 9
22. Kaine G., Bewsell D, Boland A and Linehan C (2005) Using market research to understand the adoption of irrigation management strategies in the stone and pome fruit industry, *Australian Journal of Experimental Agriculture*. 45 (9), 1181-1187
23. Kaine G and Bewsell D (2005) An innovative approach to irrigation extension in horticulture, *Acta Horticulturae*, 672:177-183

24. Linehan C, Krstic M and Kaine G (2005) Combining biophysical and social science to achieve change through targeted extension, *Acta Horticulturae*, 672:211-216
25. Hopkins W, Ashcroft W, Johnson F, Kaine G (2004) Environmental management systems in horticulture: pathways to adoption and achievement of natural resource management outcomes. In 'Proceedings of the 3rd National Conference of Environmental Management Systems in Agriculture', [CD-ROM] (Primary Industries and Resources South Australia: Nuriootpa, SA)
26. Kaine G and Tozer P (2004) Stability, resilience and sustainability in pasture-based grazing systems, *Agricultural Systems*, 83 (1): 27-48
27. Bewsell D and Kaine G (2004) Understanding the impact of context: a new approach for understanding the adoption of improved pest and disease management practices, *Proceedings of the 20th Annual Conference of the Association of International Agriculture and Extension Education*, Dublin, Ireland, 24-27 May
28. Kaine G, Sandall J and Bewsell D (2004) Personality and strategy in agriculture, *Proceedings of the 20th Annual Conference of the Association of International Agriculture and Extension Education*, Dublin, Ireland, 24-27 May
29. Kaine G, Vigliaturo J, Bewsell D and Botha N (2004) Farming systems research and consumer behaviour theory, *6th European Symposium on Farming and Rural Systems Research and Extension*, Vila Real, Portugal, 3-8 April
30. Kaine G, Sandall J and Bewsell D (2003) Personality, strategy and innovation in agriculture, *Proceedings of the 16th European Seminar on Extension Education*, Eger, Hungary, September
31. Kaine G, Sandall J and Bewsell D. (2003) Personality and innovation in agriculture, in *Extending extension: Beyond traditional boundaries, methods and ways of thinking!*, *Proceedings of the APEN National Forum*, Hobart, Tasmania, November
32. Linehan C and Kaine G (2003) The key to reducing the gap between research and application, *National Landcare Conference*, Darwin, Australia, April
33. Kaine G and Bewsell D (2002) Are market research and extension complementary? *Proceedings of the 18th Annual Conference of the Association of International Agriculture and Extension Education*, Durban, South Africa, May
34. Kaine G, Court J and Niall E (2002) Implications of customer perceptions and decision-making for genetic gain in the wool industry, *Wool Technology and Sheep Breeding*, 50 (3): 423-430
35. Sandall, J, Kaine G and Cooksey R (2002) Stakeholder social values and landscape preferences: implications for conserving biodiversity in agricultural landscapes, Paper to the 3rd Natural Resource Extension Professionals Conference, Naples, Florida, June

36. Sandall J, Kaine G and Cooksey R (2001) More than a matter of taste: Social Values and the appeal of native vegetation in agricultural landscapes. In: Graham, J., Reeve, I. and Brunckhorst, D. (eds) *Landscape Futures: Social and Institutional Dimensions, Proceedings of the 2nd International Conference on Landscape Futures*, 4-6 December, 2001, Armidale. Institute for Rural Futures, University of New England, Armidale
37. Kaine G and Niall E (2001) The adoption of sub-surface drainage and on-off grazing by Victorian dairy farmers, *Proceedings of the 10th Australian Agronomy Conference*, Hobart, January
38. Reeve I, Kaine G, Lees J and Barclay E (2000) Producer perceptions of pasture decline and grazing management, *Australian Journal of Experimental Agriculture*, 40(2)
39. Sandall J and Kaine G (2000) How do people evaluate native vegetation in agricultural landscapes? An application of Inglehart's Materialist-Postmaterialist Social Values Theory, In: *Multifunctional Landscapes: Interdisciplinary Approaches to Landscape Research and Management*. Eds. Jesper Brandt, Bärbel Tress, Gunther Tress. Conference material for the international conference on "Multifunctional Landscapes: Interdisciplinary Approaches to Landscape Research and Management," Centre for Landscape Research, University of Roskilde, Denmark. October 18-21, 2000
40. Sandall J, Cooksey R, Reeve I and Kaine G (1999) Australian farmers' perceptions of farm health and safety hazards, *Australian and New Zealand Journal of Occupational Health and Safety*, 15(5)
41. Kaine G, Lees JW and Sandall J (1998) Planning and strategy on family farms, *Bond Management Review*, 5 (2), 35-45
42. Kaine G and Lees JW (1996) Patterns in Innovation - an analysis of the adoption of practices in beef cattle breeding, *ExtensionNet*, 4(2), 3-4
43. Harris G and Kaine G (1994) The Determinants of Research Performance: A Study of Australian University Economists, *Higher Education* (27), 191-201
44. Kaine G, Lees J and Wright V (1993) Strategies for managing variability, *The Australian Farm Manager*, 4(4), 9-11.
45. Kirby MC, Sinden JA and Kaine G (1993) Appraisal of agro-forestry investment under uncertainty: a South Australian case study, *Australian Forestry*, 56 (2), 109-119.

Conference Proceedings

46. Cowan L, Kaine G (2010) Using general systems theory to understand how farmers manage variability. In *2010 International Climate Change Adaptation Conference Climate Adaptation Futures: Preparing for the unavoidable impacts of climate change*, Conference Handbook 29 June – 1 July, Gold Coast, Queensland
47. Kaine G, Bewsell D, Wright, Hill M and B. Rowbottom (2010) Understanding markets for agricultural innovations, *Proceedings of the Fourteenth Australian Wine Industry Technical Conference*, Adelaide
48. Barns S, Willoughby B, Kaine G, Lourey R and H Murdoch (2009) How can marketing theory be applied to policy design to deliver on sustainable agriculture in England?, *The 83rd Annual Conference of the Agricultural Economics Society*, Dublin
49. Kaine G and Johnson F (2004) Water Policy in New Zealand and Australia: We're not playing for tiddlywinks, *Proceedings of the New Zealand Grasslands Association (66)*, Ashburton, October
50. Scott F, Kaine G, Stringer R and Anderson K (1998) Sustainability in a Commercial Context: Potential for Innovative Market-Based Approaches, *LWRRDC Occasional Paper No 19/98*, LWRRDC, Canberra
51. Sandall J, Kaine G and Reeve I (1997) 'Farmers' Perceptions of Psychological Stress - Implications for Matching Policies and Programs to Farmers' Needs' in *Proceedings of National Rural Public Health Forum, Strengthening Health Partnerships in Your Rural Community*, 12-15 October, Adelaide, pp194-201.
52. Wright V and Kaine G (1997) 'Economic and market forces influencing farm land ownership' in Lees J (ed), *A Legacy Under Threat? Family Farming in Australia*, University of New England Press, UNE, Armidale
53. Kaine G, Wright V and Lees J (1993) The Strategic Management of Risk in Farm Businesses, in Trapnell and Fisher, *Incorporating Risk into Decision Support and Farm Business Management Systems, Proceedings of a National Workshop*, Department of Agriculture, Melbourne
54. Kaine G, Reeve I and Musgrave W (1992) 'Alternatives to Legal Controls on Environmental Pollution' in Hedley *et al.*, (eds), *The Role of the ASAIHL in Combating Health Hazards of Environmental Pollution*, ASAIHL proceedings, University of Hong Kong
55. Musgrave W and Kaine G (1992) Property rights and environmental water allocations, *Proceedings of a Conference on Environmental Water Allocations*, CWPR, UNE, Armidale
56. Reeve I and Kaine G (1992) 'Ecosystem-coupled markets: A policy approach for sustainable land management' in: Henriques, P.R. (ed). *Proceedings of the International Conference of Sustainable Land Management*, Napier, Hawke's

Bay, New Zealand, 17-23 Nov. 1991. Organising Committee of the Conference, Hawke's Bay Regional Council, Napier

Conference Papers

57. Keeble B, Kaine G, Murdoch H, Gemmill N, Johnson F, Maskey R (2010) A study of partnerships for Victoria's Linking Farms and Catchments Initiative. *Australian Irrigation Conference*. June 8-11 2010, Sydney
58. Kaine G, Lees J and Wright V (2007) An approach to predicting demand for an agricultural innovation, contributed paper presented to the 51st Annual Conference of the Australian Agricultural and Resource Economics Society, Queenstown, New Zealand, 13-16 February
59. Court J, Hallam G, Kubeil L and Kaine G (2007) Sheep breeding and selection – targeting the audience, *Proc. Assoc. Advancement Animal Breeding and Genetics*, 17: 529-532
60. Murdoch H, Bewsell D, Lourey R and Kaine G (2006) Understanding people's response to biosecurity regulation, *New Zealand Society for Risk Management Inc: Decision Making in Uncertain Time, 3rd National Conference on Risk Management*, Auckland.
61. Johnson F, Linehan C and Kaine G (2005) Linking policy and practice to achieve outcomes, in *Our Rural Landscape Forum: Re-thinking How Government Works in Rural Victoria*, Department of Primary Industries, Lancelmore Hill, Victoria
62. Bewsell D and Kaine G (2005) Adoption of Environmental Best Practice amongst Dairy Farmers, *12th Annual Conference of the New Zealand Agricultural and Resource Economics Society*, Blenheim, New Zealand, July
63. Kaine G (2005) Consumer Behaviour as a Theory of Innovation Adoption in Agriculture, *AgResearch Social System Conference on Adoption*, Hamilton, New Zealand, October
64. Kaine G and Bewsell D (2004) An innovative approach to irrigation extension in horticulture, *International Symposium on Horticultural Education Extension and Training*, Perth, Western Australia, August.
65. Linehan C, Krstic M and Kaine G (2004) Combining biophysical and social science to achieve change through targeted extension, *International Symposium on Horticultural Education Extension and Training*, Perth, Western Australia, August.
66. Hopkins W, Ashcroft B, Johnson F and Kaine G. (2003) Environmental Management Systems in horticulture: pathways to adoption and achievement of natural resource management outcomes, *3rd National Conference on Environmental Management Systems in Agriculture*, Tanunda, South Australia, November.

67. Kaine G and Bewsell D (2003) The adoption of pest and disease management practices by grape growers in New Zealand, *10th Annual Conference of the New Zealand Agricultural and Resource Economics Society*, Blenheim, New Zealand, July.
68. Kaine G and Bewsell D (2002) Sleeping with the enemy: using market research in extension, *3rd Natural Resource Extension Professionals Conference*, Naples, Florida, June.
69. Burrows D, Boland A, Bewsell D and Kaine G (2002) Increased adoption of irrigation best management practices for vines, *Irrigation Australia 2002 Conference*, Sydney, New South Wales, May.
70. Kaine G, Bewsell D, Boland A and Linehan C (2001) How to win growers and influence change, *3rd Australasia Pacific Extension Conference*, Toowoomba, Queensland, October
71. Kaine G, Doyle B, Reeve I and Lees J (1999) Agricultural Knowledge and Information Systems: A Network Analysis, *43rd Annual AARES Conference*, Christchurch, New Zealand, February
72. Anderson K, Kaine G, Scott JF and Stringer R (1998) Issues in Using Economic Instruments to Achieve Sustainable Agricultural Systems, *42nd Annual AARES Conference*, Armidale, February
73. Tozer P and Kaine G (1996) The Distribution of Farm Financial Performance: A Forecasting Approach, *40th Annual Australian Agricultural Economics Society Conference*, Melbourne, February
74. Grace G and Kaine G (1992) Modelling the management of topmaking firms, *36th Annual Australian Agricultural Economics Society Conference*, Canberra, February
75. Hooper B and Kaine G (1992) Farmer decisions and integrated floodplain management, *Greening Australia 2nd National Conference*, Adelaide, March
76. Kaine G, Reeve I and Musgrave W (1992) Establishing markets in water resources, *36th Annual Australian Agricultural Economics Society Conference*, Canberra, February
77. Reeve I and Kaine G (1992) A market approach to sustainable land management, *36th Annual Australian Agricultural Economics Society Conference*, Canberra, February
78. Sandall J and Kaine G (1992) Irrigators' expectations of supply reliability and irrigation investment, *36th Annual Australian Agricultural Economics Society Conference*, Canberra, February
79. Sheridan-Nethery A, Owen K and Kaine G (1991) Cluster analysis applied to the NSW meat processing industry, *35th Annual Australian Agricultural Economics Society Conference*, Armidale, February

80. Kaine G and Gow J (1991) Agricultural policy: The case of the Vine Pull Scheme, *35th Annual Australian Agricultural Economics Society Conference*, Armidale, February
81. Kaine G *et al.* (1991) Towards introducing markets for water resources, *The Third Annual Ministerial Water Forum*, Sydney
82. Kaine-Jones G and Simpson Y (1990) A cluster analysis of cotton planting strategies in the Namoi Valley, *34th Annual Australian Agricultural Economics Society Conference*, Brisbane, February
83. Davidson B, Kaine-Jones G and MacAulay TG (1988) International impacts of wool policy changes, *32nd Annual Australian Agricultural Economics Society Conference*, Melbourne, February
84. Davidson B, Kaine-Jones G and MacAulay TG (1988) Policy intervention in the Australian Wool market, *32nd Annual Australian Agricultural Economics Society Conference*, Melbourne, February
85. Kaine-Jones G (1988) Modelling the formation of price expectations, *International Economics Postgraduate Research Conference*, University of Western Australia, Perth
86. Davidson B, Kaine-Jones G and MacAulay TG (1987) Wool supply by grade in Australia and New Zealand, *31st Annual Australian Agricultural Economics Society Conference*, Adelaide, February
87. Kaine-Jones G, MacAulay TG and Patten L (1986) A disaggregated model of supply response in the wool industry, *30th Annual Australian Agricultural Economics Society Conference*, Canberra, February
88. Longmire ML, Kaine-Jones G and MacAulay TG (1986) Comparisons of a buffer stock scheme with a buffer fund scheme for the wool industry, *30th Annual Australian Agricultural Economics Society Conference*, Canberra, February
89. Wright V and Kaine-Jones G (1985) Modelling decision maker response to stochastic variables: a trend detection approach, *29th Annual Australian Agricultural Economics Society Conference*, Armidale, February
90. Kaine-Jones G and MacAulay TG (1984) An analysis of the linkages between the wool market and the macroeconomy, *28th Annual Australian Agricultural Economics Society Conference*, Sydney, February

Conference posters

91. Kaine G, Bewsell D, Williams D and Vigliaturo J (2004) Multi-function horticulture: the case of Integrated Pest Management (IPM), *Proceedings of the 20th Annual Conference of the Association of International Agriculture and Extension Education*, Dublin, Ireland, May

92. Kaine G, Bewsell D, Williams D and Vigliaturo J (2003) The uptake of Integrated Pest Management by apple growers, *Extending Extension: Beyond traditional boundaries, methods and ways of thinking, APEN Forum*, Hobart, Tasmania, November
93. Kaine G, Lambert G and Bewsell D (2003) The adoption of practices for reducing Green House Gas emissions, *2nd Joint Australia and New Zealand Forum on Non-CO₂ Greenhouse Emissions From Agriculture*, Lancemore Hill, Victoria, October
94. Burrows D, Bewsell D and Kaine G (2001) Understanding the adoption of irrigation management practices, *11th Wine Industry Technical Conference*, Adelaide, South Australia, October
95. Bewsell D, Bowman K, Deren B, Johnson F, Kaine G and Linehan C (2000) How can market research be used in the design of extension programs?, *APEN 2000 Forum*, Melbourne, Victoria, October

Research Monographs and Consultancy Reports

96. Longley S and Kaine G (2014a) Whole of farm water performance feedback – social research, Department of Environment and Primary Industries, Melbourne, Victoria
97. Longley S and Kaine G (2014b) Adoption of irrigation bay modifications – social research, Department of Environment and Primary Industries, Melbourne, Victoria
98. Kaine G (2013) Improving Water Quality in Streams in the Waikato: Regulation and Incentives, report to the Waikato Regional Council, Geoff Kaine Research, Mooroopna, Victoria
99. Lourey R, Kaine G, and Longley S (2013) Community perceptions of electricity infrastructure and bushfire management, Department of Environment and Primary Industries, Melbourne, Victoria
100. Kaine G, Longley S, Seymour E and Wright V (2012) The rate of adoption of agricultural innovations, Service Design Working Paper 02-12, Department of Primary Industries, Tatura, Victoria
101. Kaine G and Lourey R (2012) An economic justification for government intervention in the control of wild dogs and primary instrument selection. Service Design Research Working Paper 01-12. Department of Primary Industries, Tatura, Victoria
102. Hill M and Kaine G (2011) The information-seeking behaviour of primary producers: Implications for the design of extension. Service Design Research Working Paper 05-11, Department of Primary Industries, Tatura, Victoria

103. Kaine G, Longley S and Seymour E (2011) A Model of Farmers' Identification of Valuable Traits and Trait Selection Decisions, Service Design Working Paper 04-11, Department of Primary Industries, Tatura, Victoria
104. Kaine G and Tostovrsnik N (2011) Landholders and the management of weeds: blackberry and serrated tussock Service Design Research Working Paper 03-11, Department of Primary Industries, Tatura, Victoria
105. Longley S, Murdoch H and Kaine G (2011) Developing a Framework for Determining Resource Conditions Limits - Social Research Component, Department of Primary Industries, Tatura, Victoria
106. Lourey R, Kaine G, Davies, A and Young J (2011) Landholder responses to incentives for wild dog control. Service Design Research Working Paper 07-11. Department of Primary Industries, Tatura, Victoria
107. Lourey R, Kaine G and Higson M (2011) Options for wild dog management Project report. Department of Primary Industries, Tatura, Victoria
108. Rowbottom B, Kaine G, Kellerman J (2011) 'Understanding Soil Carbon Project - Deliverable 3.1 - Consultation with stakeholder's regarding products likely to influence carbon sequestration in Agriculture.' Department of Primary Industries, Tatura, Victoria
109. Kaine G, Cowan L and Wright V (2010) Assessing the tactical and strategic flexibility of farms, *Practice Change Research Working Paper 02/10*, Department of Primary Industries, Tatura, Victoria
110. Kaine G, Ford J, Murdoch H and Cumming B (2010) *Irrigation system modernisation and the demand for agricultural inputs*, A report for Regional Development Victoria and the Water Technology Cluster, Department of Primary Industries, Tatura
111. Young J and Kaine G (2010) Application of the Policy Choice Framework to Lake Taupo Catchment, *Environment Waikato Technical Report 2010/20*, Hamilton, New Zealand
112. Higson M, Kaine G and Keeble B (2009) *Better Services to Farmers – A radical service innovation*, Victorian Government Department of Primary Industries, Melbourne
113. Kaine G and Cowan L (2009) Towards Building Adaptive Capacity in Farm Systems, *Practice Change Research Working Paper 01/09*, Department of Primary Industries, Tatura, Victoria
114. Kaine G, Rowbottom B, Morse-McNabb E and McAllister A (2009) *Spatial Market Segmentation & Healthy Productive Landscapes Framework: Transaction Types and Trading Segments in the Water Market*, Practice Change Research Milestone Report to the North Central Catchment Management Authority and the Goulburn-Broken Catchment Management Authority, Department of Primary Industries, Tatura, Victoria

115. Keeble B, Kaine G and Higson M (2009) *Decision trees to support wholesale relationships: a concept paper*, Victorian Government Department of Primary Industries, Melbourne
116. Murdoch, H, Lourey, R, Kaine, G and Johnson F (2009), *Understanding landholders in an era of regulatory change*, Final Report for the Goulburn Broken Catchment Management Authority, Department of Primary Industries, Tatura
117. Sandall J, Kaine G and Johnson F (2009) Clarifying the Economic Justification for Government Intervention on Agricultural Adaptation to Climate Change, *Practice Change Research Working Paper 02-09*, Department of Primary Industries, Tatura, Victoria
118. Johnson F, Kaine G, Sandall J and Murdoch H (2009) *Policy Responses to Ensure the Delivery of Public Benefits From the Modernisation of Irrigation Infrastructure*, Practice Change Research Milestone Report to the Department of Sustainability and Environment and the Goulburn-Broken Catchment Management Authority, Department of Primary Industries, Tatura, Victoria
119. Kaine G, Hill M and Rowbottom B (2008) Types of Agricultural Innovations and the Design of Extension Programs, *Practice Change Research Working Paper 02-08*, Department of Primary Industries, Tatura, Victoria
120. Hill M, Rowbottom B, Kaine G and Dimos N (2008) *Use of Soil and Petiole Testing in Wine Grape Viticulture*, Practice Change Research Milestone Report to the Grape and Wine Research Development Corporation, Department of Primary Industries, Tatura, Victoria
121. Kaine G, Johnson F, Lourey R, Ford J, Keeble B, and Higson M (2008) *Approaches to Managing Nutrient Emissions in the Macalister Irrigation District*, Practice Change Research Final Report to the Gippsland Lakes Task Force, Department of Primary Industries, Tatura, Victoria
122. Keeble B, Kaine G and Hunter J (2008) *A New Approach To Investigating How Organisations Work Collectively To Support Natural Resource Policy Implementation: A Case Study Of Irrigation Policy In The Shepparton Irrigation Region*, Practice Change Research Milestone Report to the Goulburn-Broken Catchment Management Authority, Department of Primary Industries, Tatura, Victoria
123. Morse-McNabb E, McAllister A, Kaine G, Rowbottom B and Linehan C (2008) *Spatial Market Segmentation & Healthy Productive Landscapes Framework*, Department of Primary Industries, Tatura, Victoria
124. Davies A, Kaine G and Lourey R (2007) *Understanding Factors Leading to Non-compliance with Effluent Regulations by Dairy Farmers*, *Environment Waikato Technical Report 2007/37*, Hamilton, New Zealand
125. Kaine G and Keeble B (2007) Organizational Relationships and the Implementation of Natural Resource Policy, *Our Rural Landscape Project Report*, Department of Primary Industries, Tatura, Victoria

126. Kaine G, Sandall J and Higson M (2007) Translating Trust into Action: Predicting Organisational Behaviour in Complex Environments, *Our Rural Landscape Project Report*, Department of Primary Industries, Tatura, Victoria
127. Murdoch H, Lourey R, Kaine G and Linehan C (2007) *Understanding target groups' decisions about biosecurity issues*, Practice Change Research Milestone Report to Biosecurity Victoria, Department of Primary Industries, Tatura, Victoria
128. Hill M and Kaine G (2007) *The Market Potential of Tannin Related Innovations in the Wine Industry*, Practice Change Research Milestone Report to the Grape and Wine Research Development Corporation, Department of Primary Industries, Tatura, Victoria
129. Kaine G and Lourey R (2007) Predicting the adoption of innovations by businesses in agricultural processing, *Practice Change Research Working Paper 01/07*, Department of Primary Industries, Tatura, Victoria
130. Kaine G, Ford J, Leth M and Johnson F (2007) Policy Choice Framework, *Practice Change Research Working Paper 02/07*, Department of Primary Industries, Tatura, Victoria
131. Kaine G, Ford J, Leth M and Johnson F (2007) *Application of the Policy Choice Framework to the Water Smart Farms Program in the Goulburn Broken Catchment in North Central Victoria*, Practice Change Research Milestone Report to the Victorian Water Trust, Department of Primary Industries, Tatura, Victoria
132. Sandall J, Johnson F, Kaine G and Higson M (2007) *A Review of Climate Change Policy: United Nations, Australia, New Zealand, China and Brazil*, Practice Change Research Milestone Report, Department of Primary Industries, Tatura, Victoria
133. Kaine G, Linehan C and Rowbottom B (2006) *Sheep Breeding and Sire Selection*, Practice Change Research Milestone Report to Australian Wool Innovation Ltd, Department of Primary Industries, Tatura, Victoria
134. Ford J, Kaine G and Leth M (2006) A tradable permit scheme for salt emissions in North Central Victoria, *Practice Change Research Working Paper 01/06*, Department of Primary Industries, Tatura, Victoria
135. Kaine G, Higson M, Sandall J and Lourey R (2006) Policy as an Innovation: Case Studies in Australia and New Zealand, *Practice Change Research Working Paper 07/06*, Department of Primary Industries, Tatura, Victoria
136. Kaine G and Higson M (2006) Policy Change as Innovation, *Practice Change Research Working Paper 02/06*, Department of Primary Industries, Tatura, Victoria
137. Johnson F, Kaine G, Ford J and Leth M (2006) *A Framework for Selecting Policy Instruments in Natural Resource Management*, Practice Change Research

Milestone Report to the Victorian Water Trust, Department of Primary Industries, Tatura, Victoria

138. Kaine G, Johnson F, Ford J and Leth M (2006) *A Review of Approaches for Selecting Policy Instruments, Practice Change Research Working Paper 06/06*, Department of Primary Industries, Tatura, Victoria
139. Leth M, Kaine G and Ford J (2006) A tradable permit scheme for salt emissions to promote investment in evaporation basins in the Goulburn Broken Catchment, *Practice Change Research Working Paper 03/06*, Department of Primary Industries, Tatura, Victoria
140. Leth M, Kaine G and Ford J (2006) A tradable permit scheme for phosphorus emissions in Goulburn Broken Catchment, *Practice Change Research Working Paper 04/06*, Department of Primary Industries, Tatura, Victoria
141. Lourey R, Kaine G and Murdoch H (2006) Understanding private landholder's decisions about pest management, *Practice Change Research Working Paper 08/06*, Department of Primary Industries, Tatura, Victoria
142. Bewsell D, Kaine G and Higson M (2005) *Adoption of Environmental Best Practice in the Dairy Industry*, Client Report to FRST Enhancing Surface Water Quality in Managed Landscapes, AgResearch, Hamilton, New Zealand
143. Cowan L, Murdoch H, Linehan C and Kaine G (2005) *Linking Farms, Catchments and Channel Automation: Module 6 – Structural Implications and Change Behaviour*, Client Report to the Victorian Water Trust Advisory Council, Department of Primary Industries, Tatura, Victoria
144. Kaine G and Bewsell D (2005) *Adoption of Integrated Fruit Production: A Quantitative Study*, Client Report to the Victorian Department of Primary Industries, AgResearch, Hamilton, New Zealand
145. Lourey R, Kaine G and Johnson F (2005) *The Incorporation of Research Products into the Product Offering of Private Service Providers*, Client Report to the CRCIF, Department of Primary Industries, Tatura, Victoria
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