

Publications list – MJ Kilvington – updated January 2020

Journal papers & book chapters

1. Kilvington, and Saunders, W.S.A (2018) Gaining public input on natural hazard risk and land use planning. A case study from New Zealand. *Disaster Prevention and Management: An International Journal*, Vol. 28 Issue: 2, pp.228-244, <https://doi.org/10.1108/DPM-04-2018-0134>
2. Duboz, Raphaël, Pierre Echaubard, Panomsak Promburom, Margaret Kilvington, Helen Ross, Will Allen, John Ward, Guillaume Deffuant, Michel de Garine-Wichatitsky, and Aurélie Binot. "Systems thinking in practice: Participatory modeling as a foundation for integrated approaches to health." *Frontiers in veterinary science* 5 (2018).
3. Saunders, W.S.A. and Kilvington, M. (2016) Innovative land use planning for natural hazard risk reduction: A consequence driven approach from New Zealand. *International Journal of Disaster Risk Reduction* Vol 18 pp 244-255. <http://www.sciencedirect.com/science/article/pii/S221242091630070X>
4. Kilvington, M., A. Atkinson, and A. Fenemor (2011) Creative platforms for social learning in ICM: the Watershed Talk project, *New Zealand Journal of Marine and Freshwater Research*, 45, 3, 557-71. [\[PDF\]](#)
5. Kilvington, M., W. Allen, and A. Fenemor (2011) Three frameworks to understand and manage social processes for integrated catchment management, *New Zealand Journal of Marine and Freshwater Research*, 45, 3. *New Zealand Journal Marine and Freshwater Research*, 45(3): 541-555. [\[PDF\]](#)
6. Allen, W., Fenemor, A., Kilvington, M., Harmsworth, G., Young, R., Deans, N., Horn, C., Phillips, C., de Oca, O., Ataria, J., Smith, R. (2011) Building collaboration and learning in integrated catchment management: the importance of social process and multiple engagement approaches. *New Zealand Journal Marine and Freshwater Research*, 45(3): 525-539.
7. Fenemor, A., Phillips, C., Allen, W., Young, R., Harmsworth, G., Bowden, B., Basher, L., Gillespie, P., Kilvington, M., Davies-Colley, R., Dymond, J., Cole, A., Lauder, G., Davie, T., Smith, R., Markham, S., Deans, N., Stuart, B., Atkinson, M. (2011) Integrated Catchment Management – interweaving social process and science knowledge. *New Zealand Journal Marine and Freshwater Research*, 45(3): 313-331.
8. Fenemor, A; Deans, N.; Davie, T.; Allen, W.; Dymond, J.; Kilvington, M.; Phillips, C.; Basher, L.; Gillespie, P.; Young, R.; Sinner, J.; Harmsworth, G.; Atkinson, M.; Smith, R. (2008) Collaboration and modelling – Tools for integration in the Motueka HELP catchment. *Water South Africa* Volume 34(4)
9. Cole, A., Allen, W., Kilvington, M., Fenemor, A. and Bowden, B. (2007) 'Participatory modelling with an influence matrix and the calculation of whole-of-system sustainability values', *Int. J. Sustainable Development*, 10(4): 382–401.

10. Allen W.J. and Kilvington M.J (2005) "Getting technical environmental information into watershed decision making." Chapter in Ed. J.L. Hatfield *"The Farmers' Decision: Balancing Economic Successful Agriculture Production with Environmental Quality"* Publisher: Soil and Water Conservation Society. pp. 45-61
11. Chris Phillips, Will Allen & Margaret Kilvington (2004) Is knowledge management the answer for ICM? *Water* (May 2004) pp. 63-66
12. Nancy Grudens-Schuck, Will Allen, Tasha M. Hargrove, & Margaret Kilvington (2003) Renovating dependency and self-reliance for participatory sustainable development *Agriculture and Human Values* 20(1): 53-64.
<http://link.springer.com/article/10.1023%2FA%3A1022412623083?LI=true#page-1>
13. Allen, W.J., Bosch, O.J.H., Kilvington, M.J., Harley, D. & Brown I. (2001) Monitoring and adaptive management: addressing social and organisational issues to improve information sharing. *Natural Resources Forum* 25(3): 225-233.
14. Allen, W.J., Bosch, O.J.H., Kilvington, M.J. & Oliver, J. (2001) Benefits of collaborative learning for environmental management: Applying the Integrated Systems for Knowledge Management approach to support animal pest control. *Environmental Management* 27:2 pp. 215-223. Available at:
http://learningforsustainability.net/pubs/ahb_envmngmt.html
15. Allen, W.J., Bosch, O.J.H., & Kilvington, M.J. (2001) ISKM (Integrated Systems for Knowledge Management): A participatory framework to help communities identify and adopt more sustainable resource management practices. In: *Getting results through collaboration: networks and network structures for public policy and management*. Ed. Myrna Mandell, Quorum Books, Greenwood Publishing Group: Westport USA pp. 255 - 260.

Selected Contract & Research Reports & Online Articles

16. Grace, E.; France-Hudson, B., Kilvington, M. Reducing risk through the management of existing uses: tensions under the RMA GNS Science Report 2019/55
https://www.gns.cri.nz/static/download/existinguses/SR2019-55-AD-Reducing-risk-through-the-management-of-existing-uses-tensions_FINAL.pdf
17. Kilvington, M. & Saunders W. 2016. The role of science in land use planning: exploring the challenges and opportunities to improve practice. GNS Science Report 2016/057. http://shop.gns.cri.nz/sr_2016-057-pdf **[PDF]**
18. Kilvington, M. & Saunders W. 2015. "I can live with this". The Bay of Plenty Regional Council public engagement on acceptable risk. GNS Science Miscellaneous Series 86. <https://www.gns.cri.nz/Home/RBP/Risk-based-planning/A-toolbox> **[PDF]**
19. Saunders, W. Beban, J. Kilvington, M. 2013. Risk based planning for natural hazard risk reductions: GNS Science miscellaneous publication series 67.
https://isref.co.nz/docs/GNS_MS_67_Risk_based_land_use_planning.pdf **[PDF]**

20. Kilvington, M & Saunders W. 2013 Doing it better: Improving scientific guidance for land use planners GNS Science miscellaneous publication series 64.
<http://tools.envirolink.govt.nz/assets/Uploads/RISK-R7-120Risk-based20land-use20planning20for20natural20hazard20risk20reduction.pdf> [PDF]
21. Sinner, J., Fenemor, A., Kilvington, M., Allen, W., Tadaki., Baker, MA. 2012. Valuing our waters – A case study in Tasman District. Report No. 2107. Cawthron Institute, Nelson. Pp 126. Available on-line at
<http://www.cawthron.org.nz/publications/downloads/valuing-our-waters-case-study.pdf>
22. Allen, W. & Kilvington, M. (2010) Stakeholder analysis. Chapter 25 in Hatched - The Capacity for Sustainable Development Eds. Frame, B., Gordon, R., Mortimer, C. 2010. Landcare Research (ManaakiWhenua), Lincoln, New Zealand. pp. 249-253. Available on-line:
<http://www.landcareresearch.co.nz/services/sustainablesoc/hatched/>
23. Kilvington, M. & Allen, W. (2010) Supporting effective teamwork: a checklist for evaluating team performance. Chapter 26 in Hatched - The Capacity for Sustainable Development Eds. Frame, B., Gordon, R., Mortimer, C. 2010. Landcare Research (ManaakiWhenua), Lincoln, New Zealand. pp. 255-260. Available on-line:
<http://www.landcareresearch.co.nz/services/sustainablesoc/hatched/>
24. Kilvington, M. & Allen, W. (2010) Social Learning - a basis for practice in environmental management. Chapter 22 in Hatched - The Capacity for Sustainable Development Eds. Frame, B., Gordon, R., Mortimer, C. 2010. Landcare Research (ManaakiWhenua), Lincoln, New Zealand. pp. 215-226. Available on-line:
<http://www.landcareresearch.co.nz/services/sustainablesoc/hatched/>
25. Atkinson M, Kilvington M, Fenemor A (2009). *Watershed Talk*: the cultivation of ideas and action: Lincoln, Manaaki Whenua Press. 45 p.
26. Kilvington, M. & Allen, W. (2007) Evaluation of the social spaces of the Integrated Catchment Management (ICM) research programme. Landcare Research Contract Report LC0607/183
27. Kilvington, M & Horn, C. (2006) Mountains to the Sea: Reflections on an art and science collaboration about the Motueka River. Landcare Research publication. Manaaki Whenua Press.
28. Cole, A. O., Allen, W., Kilvington, M., Fenemor, A., & Bowden, B. 2006. Understanding whole-of-system sustainability in the Motueka Catchment - participatory modelling with an influence matrix. Landcare Research report LC0506/087, Palmerston North
29. Winstanley, A., Tipene-Matua, B., Kilvington, M., Du Plessis, R. & Allen, W. (2005) From dialogue to engagement. Final report of the MoRST Dialogue Fund Cross-Case Study Learning Group, Produced for the Ministry of Research, Science and Technology. <https://www.curiousminds.nz/assets/Uploads/From-Dialogue-to-Engagement.pdf>-Group.pdf

30. Kilvington, M.; Horn, C.; Campbell, J.; van Meeuwen-Dijkgraaf, A.; (2004): [Plight of the Kereru: Supporting material for approaching iwi regarding kereru management.](#) Landcare Research Contract Report LC0405/060 prepared for Department of Conservation Whanganui Area Office, Wanganui, New Zealand
31. Allen, W. Du Plessis, R., Kilvington, M., Tipene-Matua, B. & Winstanley, A. (2003) Involving the public in science and technology decision-making: A review of national and international initiatives. On-line report produced for the Ministry of Science, Research and Technology.
http://www.ir.canterbury.ac.nz/bitstream/10092/666/1/12600111_Involving-the-public-in-science-and-technology-decision-making.pdf
32. Horn, C., Kilvington, M. & Allen, W. (2003) Improving business environmental performance: Training needs to support environmental sustainability practice in business. Landcare Research Contract Report LC0203/081, Lincoln, New Zealand. Available:
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<http://maxa.maf.govt.nz/mafnet/rural-nz/people-and-their-issues/education/sustainable-development-extension/2002-03-sustainable.pdf>
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35. Horn, C. & Kilvington, M. (2002) Māori and 1080. [Landcare Research] URL
<http://www.landcareresearch.co.nz/research/social/1080.asp>
36. Webb, T. Jacobsen, C. And Kilvington, M. Nutrient Modelling for Water Protection. Proceedings of a National Workshop held at Canterbury Agriculture and Science Centre, Lincoln, New Zealand, 14-15 August 2002. Landcare Research publication. No. ?????
37. Kilvington, M. & Allen, W. (2001) Effective teams in Target Zero waste reduction programmes: An evaluation approach and report. Landcare Research Contract Report LC0001/62, Lincoln, New Zealand. Available:
http://www.landcareresearch.co.nz/research/sustainablesoc/social/teams_tz2.asp
38. Kilvington, M. & Allen, W. (2001) Engaging the public in complex science: A workshop sponsored by the Royal Society of New Zealand (12-13 December 2001). (Note: workshop facilitated by Will Allen & Margaret Kilvington)

39. Cullen, R., Hughey, K., Booth, K., Crawford, K., Allen, W. & Kilvington, M. (eds) (2001) Conservation and sustainable use of New Zealand flora – on non-conservation land. The Flockhill Workshops. Report No. 1. Isaac Centre for Nature Conservation. Lincoln University. Wickliffe Press, Christchurch. 64pp. (Note: workshop facilitated by Will Allen & Margaret Kilvington at Flock Hill, Canterbury. 6/7 March 2001)
40. Kilvington M and Wilkinson R 2001 Public perceptions of threats posed by invasive invertebrates to the natural environment Landcare Research Contract Report: LC0001/092, PO Box 69, Lincoln 8152 New Zealand
41. Kilvington M, Taylor R, Allen W 2000. Restoration and the city: looking for a framework for social and ecological restoration. In: Stewart G, Ignatieva M ed. Urban biodiversity and ecology as a basis for holistic planning and design. Lincoln University International Centre for Nature Conservation Publication Number 1. Christchurch, Wickcliffe Press. Pp. 72–79.
42. Kilvington M 1999. Investigation of community attitudes and perceptions regarding natural heritage in the Manukau and Awhitu ecological districts. Landcare Research Contract Report LC9899/007 prepared for Auckland Regional Council.
43. Kilvington M, Wilkinson R 1999. Community attitudes to vegetation in the urban environment: a Christchurch case study. Landcare Research Science Series 22. Lincoln, Manaaki Whenua Press.
44. Kilvington, M., Allen, W. & Kravchenko, C. (1999) Improving farmer motivation within Tb vector control. Landcare Research contract report. Landcare Research Contract Report LC9899/110, Lincoln, New Zealand.
45. Allen, W., Kilvington, M., & Stephenson, G. (1998) Kereru (NZ wood-pigeon) Management Evaluation Workshop Report. Landcare Research Contract Report LC9798/135, Lincoln, New Zealand.

Short articles

46. Horn, C. & Kilvington M. (2002-03) Maori and 1080. Protect (Summer 2002-03): pp. 17-21.

Phd Chapters:

47. Kilvington, M.J. (2010) Chapter 3 *Building Capacity for Social Learning: what evaluation has to offer* in Building Capacity for Social Learning in Environmental Management. PhD, Lincoln University. Available at <http://learningforsustainability.net/pubs/kilvington>

Workshops

Kilvington M, Allen W, Sinner J (2016) [Understanding how change is motivated – Workshop for water management decision makers](#). This workshop provides an introduction to some of the existing science around supporting and motivating change in environmental management settings.