

# Dr Margaret Kilvington

Independent  
Social Research,  
Evaluation &  
Facilitation

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## Personal Profile

In 2010 I started my own business providing social research, facilitation and evaluation expertise into environmental management initiatives and research programmes.

I have worked within the environmental management and research sector for the past 20 years. From an original background in ecology and natural resource management, I have developed a primary interest in the theory and praxis of collaboration, and social learning.

In my previous role at Landcare Research I worked alongside colleagues over 14 years to build a unique unit focussed on understanding and facilitating the social processes of complex environmental management challenges.

I am committed to practices that improve the learning and response capacity of organisations, groups and communities to the global, national and local environmental challenges they face.

## Key Skills

### *Social research*

My research focus is on understanding how different social processes such as communication, collaboration, information exchange, social and organisation learning can be performed in ways that affect the range of possible solutions to environmental problems and the capacity to learn in any given situation.

In particular I explore how different knowledge bases and cultural approaches to situations can be communicated and collectively learnt from.

My methodologies include:

- Grounded theory
- Participatory action research
- Qualitative social research methods

I have authored and co-authored referred journal articles, reports and publications aimed at supporting policy development in areas such as behaviour change, community based environmental management, & environmental management knowledge & information systems (see publications).

## *Evaluation*

My focus in evaluation is on participatory developmental evaluation approaches as a structured way of supporting learning about complex programme environments.

I have worked to incorporate evaluation approaches in a range of initiatives over the past 20 years. I have published approaches to stakeholder analysis, use of checklists in supporting team self-reflective evaluation, and frameworks for understanding and assessing progress in integrated environmental management initiatives (see publications).

I am a member of the Aotearoa New Zealand Evaluation Association

## *Facilitation*

I have 20 years' experience in the design and facilitation of groups and forums particularly those integrating technical information alongside other sources of knowledge regarding the management of natural resources.

I have published journal articles and informal guidance material on creative approaches to dialogue on environmental management (see publications)

## **Networks & context knowledge**

I have extensive networks amongst the resource management practitioner, academic and research communities of Aotearoa New Zealand.

I have worked with organisations and groups across a wide range of environmental and resource management issues giving me familiarity with, language, relationships and key concepts in areas including: freshwater management, biodiversity, biosecurity, natural hazard management, catchment management and resource use efficiency.

I am an associate of

- the [Joint Centre for Disaster Research](#)
- Will Allen and Associates – [Learning for Sustainability](#)

Oxygen Group alumni(2004-2009); He Waka Tāgnata alumni (social sciences leadership group) (2007 – 2009)

## Qualifications

- PhD: Building capacity for social learning in environmental management (Lincoln University, Environmental Management and Design Division, 2010)
- MSc (Hons) Resource Management (Lincoln University 1994)
- Postgrad Dip Sc Ecology (Canterbury University 1986)
- BSc Botany & Zoology (Canterbury University 1985)

## Employment History

2010 -	Independent consultant & researcher:
1996-	Researcher, Manaaki Whenua - Landcare Research NZ: sustainable development, sustainable natural resource management, social learning, participatory action research, building capacity for change
1993	Assistant Lecturer, Centre for Resource Management, Lincoln University, Canterbury
1992	Post-graduate studies, Centre for Resource Management, Lincoln University, Canterbury
1989	World Wide Fund for Nature, UK: UK & Northern Ireland conservation, capacity development and site safeguard
1987	Department of Conservation, West Coast Conservancy. Protected Natural Areas Programme Coordinator: Stockton and Deniston Plateau

## Recent Contracts

*Greater Wellington Regional Council* (2016 – 2017) Social Science for Freshwater Management: Contribution to the Ruamahanga Whaitua Committee preparation of the Whaitua Implementation plan

*GNS Science* (2012 – 2017), Subcontracts to the “It’s Our Fault” programme; Envirolink programme on risk based planning & GNS Strategic Development Fund

*Landcare Research* – (2011 – 2016) subcontracts to the Values, Monitoring & Outcomes in Freshwater management programme; completion projects for the Motueka, Integrated Catchment Management Programme

*Cawthron Institute* - 2012: - Valuing our waters – case study in the Tasman District (subcontract to the Values Monitoring & Outcomes in Freshwater Management programme)

*Bay of Plenty Regional Council* – 2014 – Design and support of public input into natural hazard risk profiles for the variation to the natural hazards section of the Regional policy statement

### Short contracts, courses & lectures:

*Environment Southland* (2016)– Developing social science capacity & capability

*Landcare Research* (2016) Research planning forum on predicting and managing tipping points in productive systems for the National Science Challenge on Biological Heritage.

*Auckland Regional Council* (2014) public engagement in natural hazard risk workshop

*National Institute of Water & Air (NIWA)* (2014) Deep South, stakeholder engagement forum,

*Lincoln University & Canterbury University* (2013 – 2015) – guest lecturer natural hazards risk engagement.

*GNS Science* – Natural Hazard risk management (2013) – short course – guest lecturer

*Canterbury Civil Defense & Emergency Management Group* (2012) Planning & facilitation of the Welfare Advisory Group forum.

*Ministry of Civil Defense & Emergency Management* - Planning & facilitation of CSDRSC conference

## **Selected publications 2006 - 2016**

### *Journal papers & book chapters*

1. 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
2. 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.
3. 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.
4. 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.
5. 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.
6. 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)
7. 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.
8. 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

## *Selected Contract & Research Reports & Online Articles*

9. Kilvington, M & Saunders W. 2016 The role of science in landuse planning: exploring the challenges and opportunities to improve practice. GNS Science Report 2016/057
10. Kilvington, M & Saunders W.S.A. 2015. "I can live with this" The Bay of Plenty Regional Council public engagement on acceptable risk. GNS Science Miscellaneous Series 86. .
11. Saunders,W Beban,J Kilvington, M 2013. Risk based planning for natural hazard risk reductions: GNS Science miscellaneous publication series 67.  
[www.gns.cri.nz/content/download/.../MS67\\_Riskbased\\_planning\\_report.pdf](http://www.gns.cri.nz/content/download/.../MS67_Riskbased_planning_report.pdf)
12. Kilvington, M & Saunders W. 2013 Doing it better: Improving scientific guidance for land use planners GNS Science miscellaneous publication series 64.  
[www.gns.cri.nz/content/download/9828/.../file/MS64\\_Doing\\_it\\_better.pdf](http://www.gns.cri.nz/content/download/9828/.../file/MS64_Doing_it_better.pdf)
13. 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>
14. 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/>
15. 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/>
16. 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/>
17. Atkinson M, Kilvington M, Fenemor A (2009). *Watershed Talk: the cultivation of ideas and action*: Lincoln, Manaaki Whenua Press. 45 p.
18. Kilvington, M. & Allen, W. (2007) Evaluation of the social spaces of the Integrated Catchment Management (ICM) research programme. Landcare Research Contract Report LC0607/183
19. 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.
20. 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

### *Phd Chapters:*

Kilvington, M.J. (2010). PhD, Lincoln University. Building capacity for social learning in environmental management. Available at <http://learningforsustainability.net/pubs/kilvington>

