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Maori Issues
for Remediation of
Bio-hazards, Chemo-hazards and Natural
Disasters

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Ethics approval

This project was reviewed and approved by the Massey University Human Ethics Committee: Southern A, Application 06/55. Contact Professor John O’Neill, Chair, Massey University Human Ethics Committee: Southern A, telephone 06 350 5799 x 8635, email humanethicsoutha@massey.ac.nz

Abstract

This study sets out:

1. To identify and demonstrate a body of knowledge relevant to Maori and remediation of biological hazards, chemical hazards and natural disasters (disaster recovery)
2. To do it in a Maori-appropriate way that supports Maori research approach
3. To provide something new and useful for Maori and other stakeholders involved in such issues

A Kaupapa Maori mixed-methodology was used to guide research decisions and actions, including the development of a 'Haurapa' approach based on the journey of a 'typical Maori researcher'.

Through literature review, case studies and semi-structured interviews, a pool of knowledge was identified and used to draw out a set of themes and indicators which complement others in related fields. New knowledge was validated against related findings. Use of the findings is demonstrated, along with ideas for future application and testing.

A conceptual 'Pa model' is proposed as a useful way to approach the subject for engagement with Maori and improved understanding of the overall context. Existing frameworks are adapted to work for this topic, including a useful tool for filtering potential indicators.

In conducting this study, the following hunches or hypotheses were considered:

- That Maori are not adequately prepared or included regarding modern hazards and disaster response
- A lack of Maori involvement results in inequalities
- Valuable gains can be made with a Maori-centred approach and proper treatment of Maori issues

The conclusion supports the statements and recommends further work in the area.

Contents

Chapters

Nga Mihi – Acknowledgements	ii
Abstract	iii
Contents	iv
Chapters	iv
List of Figures	vi
List of Tables	vi
Glossary	vii
Chapter 1 - Introduction	1
Ko Wai Au? – About the Researcher	2
Why this Study?	3
1. Lack of Maori knowledge and Involvement in the field.	3
2. Improving Response Capacity in Aotearoa New Zealand.....	3
3. Developing a Specialist Field for Maori.....	4
About the Title	4
Chapter 2 - Current Knowledge	5
1. Keywords and Terminologies	5
Maori	5
Culture	5
Maori Culture.....	6
Indicators	6
Cultural Indicators.....	7
Maori Cultural Indicators	7
Remediation	8
Hazard.....	8
Biohazard.....	9
Chemo hazard (Chemical Hazard)	10
Natural Disaster.....	10
2. Literature Review	10
1. Maori-Specific Indicators in the Environment.....	11
2. Maori Environmental Health and Protection Field	16
3. Weaving the Strands Together.....	20
Biological and Chemical Risk Prioritisation.....	23
Chapter 3 - About the Study	24
Methodology	24
1. Kaupapa Maori Research.....	25
2. Haurapa - A Kaupapa Maori Approach to Research.....	28
3. Research Tools and Methods	29
Case Studies	30
Literature Review	31
Interviews	31
Data Analysis	32
Error Management & Validity	32
Ethical Issues.....	32
Maori Cultural Expectations	33
The Process	33

Chapter 4 - Interview Results	35
Participant ‘Types’	35
Obvious gaps	36
Interview Responses	36
Theme Summary by Participant	44
Indicator Summary by Participant.....	45
Chapter 5 - Number Crunching and Thematic Analysis	47
Refining the Themes.....	48
Putting Themes to the Test	50
Summing up the Themes	51
Chapter 6 - A Weighting and Priority System?	52
A Weighting System.....	52
Maori Weightings.....	52
Allocating the Themes for Action?	53
Chapter 7 – Discussion	56
1. Validating the findings as part of a knowledge base	56
i. Comparison with Maori Reference Group statements	57
ii. Comparison with Environmental Performance Indicators	58
iii. Internal agreement via multiple data-processing and models	61
2. The study and Maori research approach	63
3. Useful outcomes and next steps	64
i. New Tools.....	65
ii. The Stakeholders.....	66
iii. Indicators of success	68
Chapter 8 - Conclusion.....	69
References.....	71
Appendix 1 – Sample Paperwork for Stakeholder Interviews	78
<u>Information Sheet</u> (Maori Community/Practitioner Stakeholders)	79
Discussion Starter & Sample Questions	81
Appendix 2A – Examples of Comments Related to the 9 Key Themes	84
Appendix 2B - Summary of Themes and Key Themes	89
Appendix 3 – Key Themes and Weighting	92
Appendix 4 – Haurapa Test for Stakeholders	94
Appendix 5 – Sample Checklist for Maori Models	95
Appendix 6 – NZ Integrated Approach to Indicators	96
Appendix 7 – Biological and Chemical Risk Links	97
Appendix 8 - Emergency Planning	98
Appendix 9 – Case Studies	99
SWAP – sawmill workers against poisons	99
Cultural Health Index for Waterways.....	99
Field Note Case Studies.....	101
Appendix 10 - Maori Reference Group Notes.....	105
Appendix 11 – Environmental Performance Indicators	107

List of Figures

Figure 1: Maori environmental monitoring in Te Ao Maori (The Maori World) (MfE, 1998).....	14
Figure 2: Top 15 Themes.....	48
Figure 3: Mid-15 Themes	49
Figure 4: Bottom 15 Themes	49
Figure 5: Key Themes	51
Figure 6: Allocating Themes into spheres of interest.....	54
Figure 7: Niho taniwha framework for disaster recovery relationships	55
Figure 8: Conceptual framework locating Maori responsiveness (Webber, 2004)	67

List of Tables

Table 1: Potential contributions of MEK to natural hazards management and mitigation (King, et al., 2007).....	12
Table 2: Te Ngahuru – A Maori Outcomes Schema (Durie, et al., 2002).....	15
Table 3: Rangahau Painga - 'A Research Potential' Framework (Durie, 2003).....	21
Table 4: Theme Summary by Participant	44
Table 5: Indicator Summary by Participant.....	45
Table 6: EPI-type filter for Indicators	58
Table 7: Match between Statement-derived and Numerically-derived Themes.....	61
Table 8: 'Remediation Potential' Framework	65
Table 9: Comments Related to Key Themes	84
Table 10: Summary of Themes and Key Themes.....	89
Table 11: Key Themes and Weighting	92
Table 12: Haurapa Test for Maori Responsiveness – demonstration only.....	94
Table 13: Indicators of stream and river health as identified by kaumātua and MfE	99
Table 14: Statements related to Environmental Performance Indicators	107

Glossary

The following terms and associated meanings are used in this paper:

Aotearoa	New Zealand
Aroha	Love
Atua	God
BoPDHB	Bay of Plenty District Health Board
DHB	District Health Board
EHO	Environmental Health Officer
EPI	Environmental Performance Indicator
Hapu	Sub-tribe
Hau	Wind/Breath
Hau kainga	True Home
Hau kainga	Local people
Hinegnaro	Mind
Holistic	Whole of system view
HPO	Health Protection Officer
Hui	Meeting
Iwi	Tribe
Kaha	Strong
Kai	Food
Kainga	House
Kaitiaki(tanga)	Guardian(ship)
Kanohi	Face
Kaupapa	Subject
Kawa	Tribal etiquette or rules of behaviour
Kete	Flax basket
Kohanga Reo	Maori 'language nest' early childcare centre
Korero	Talk, discussion
Kotahitanga	Unity
Mahi	Work
Mahinga Kai	Food gathering
Mai rano	From long ago
Maia	Brave
Mana	Authority/prestige
Manaaki	Hospitality
Manawanui	Stout-hearted
Maoridom	Maori society
Maori-fied	Slang for level of Maori culture portrayed by a person

Marae	Meeting grounds
Matauranga	Knowledge
Mauri	Indicator of 'life force'
Ngakau	Heart
Paepae	Seating for speakers/tribal leaders
Pakeha	Non-Maori, European
Pakeke	Adult, mature
Papakainga	Maori housing area
Pou	Pole, central pillar
Rahui	Trespass notice, ban
Rangatahi	Younger generation
Rangatira	Chief
Reo	Maori language
Rohe	Tribal area
Runanga	Maori body, assembly
Stakeholder	Interested party
Taiao	Environment
Tangi(hanga)	Funeral, grieving process
Taonga	Treasure
Tapu	Sacred/set aside
Tauiwi	Settler, Foreigner, non-Maori
Tikanga Maori	Maori protocols
Tinana	Physical body
Tino Rangatiratanga	Self-determination
Tohu	Sign
Tohunga	Expert
Tuakana	Elder sibling
Tupapaku	Corpse
Tupuna	Ancestor
Urupa	Cemetery
Waahi Tapu	Sacred place
Waiata	Song
Waiora	'Water of life', spiritual/holistic wellbeing
Wairua	Spirit
Whakapapa	Relatedness, genealogy
Whakatipuranga	Growth
Whanau	Family
Whanaungatanga	Relationship, relatedness
Whenua	Land