

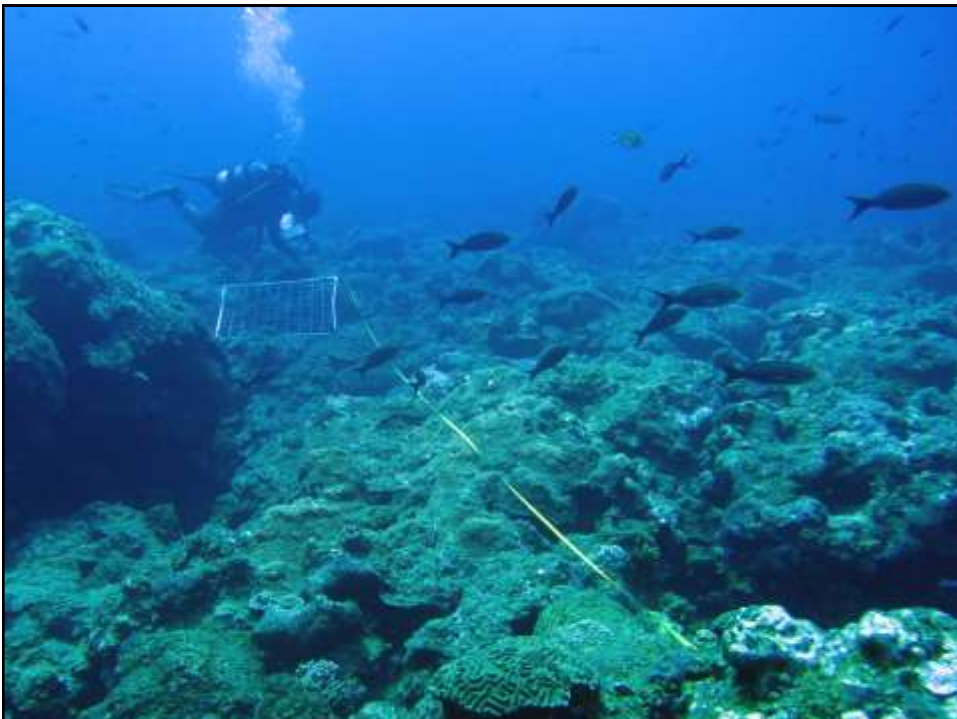
Understanding Socio-Ecological Systems

Rebecca Jarvis

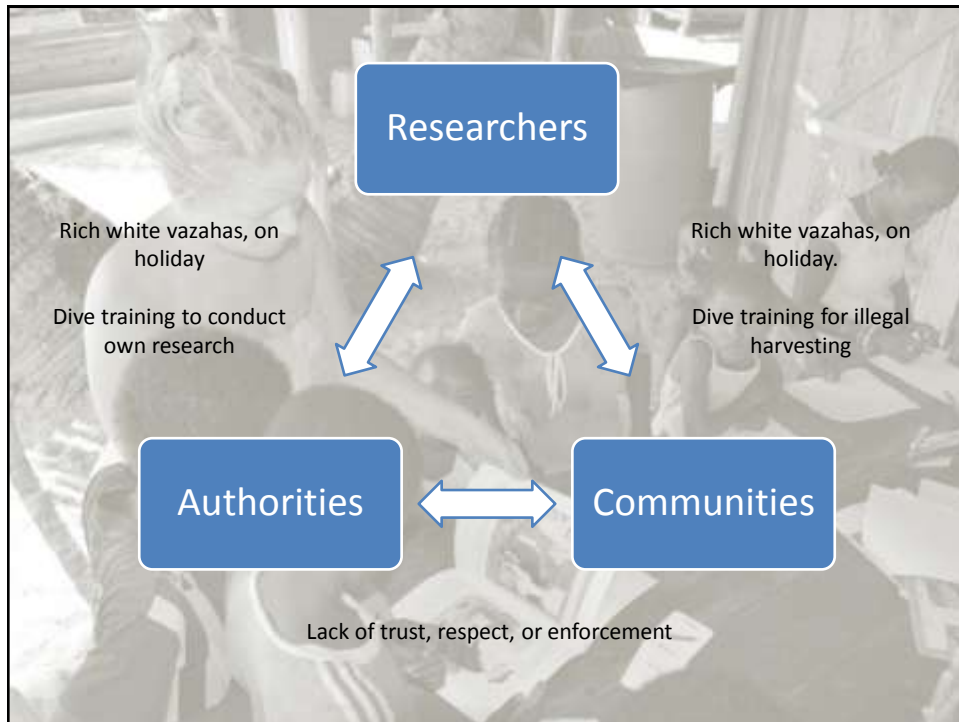
AUT University

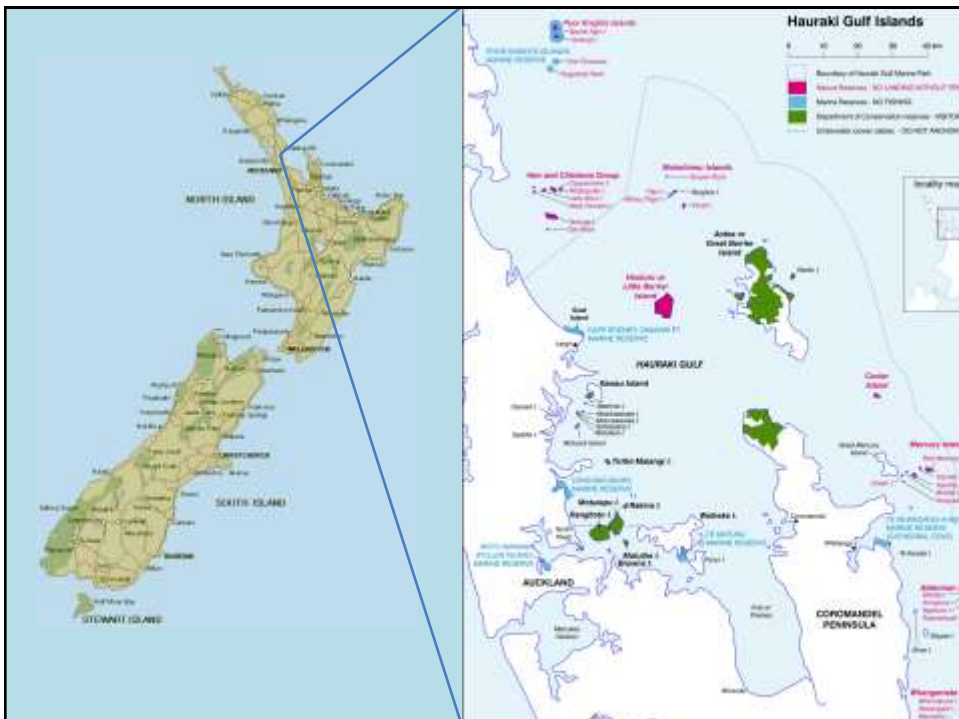
Auckland, New Zealand

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Knowledge gap:

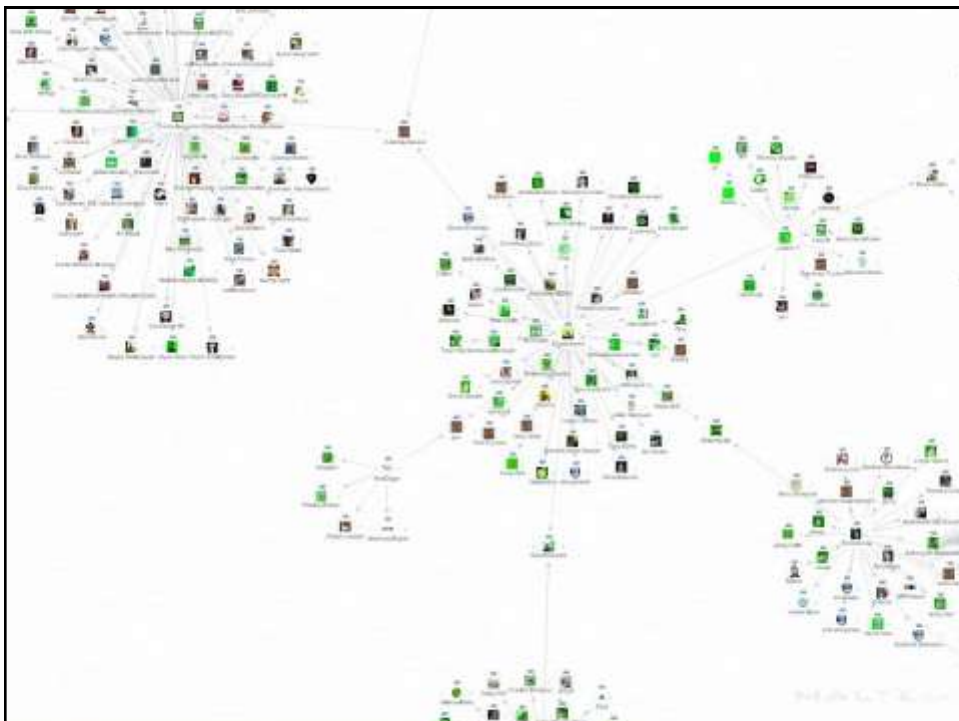
How different people value nature and the effect of these values on conservation

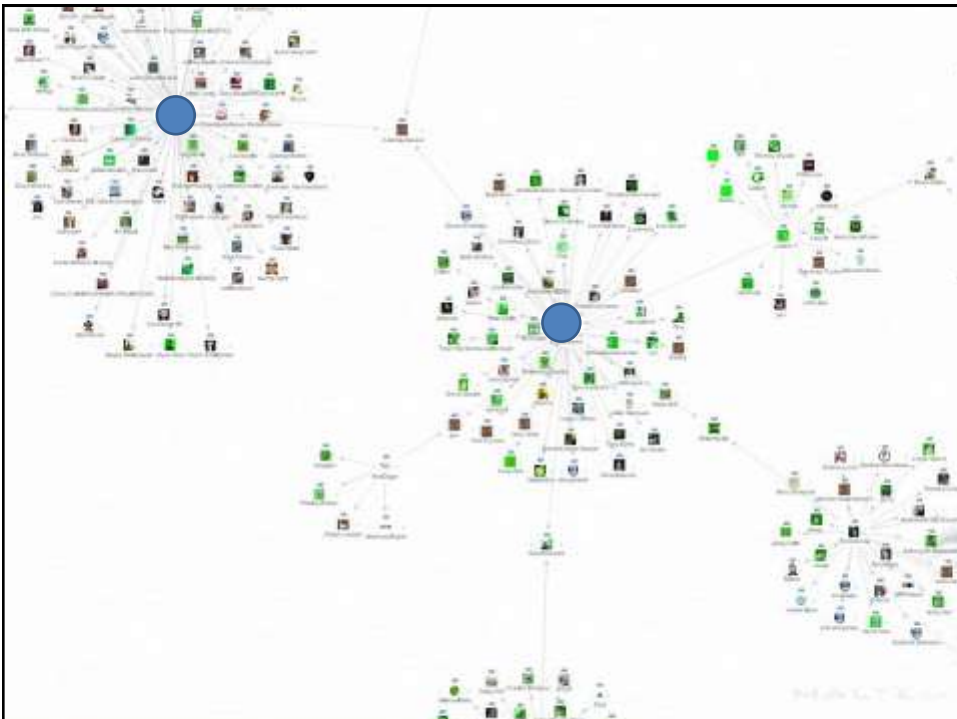
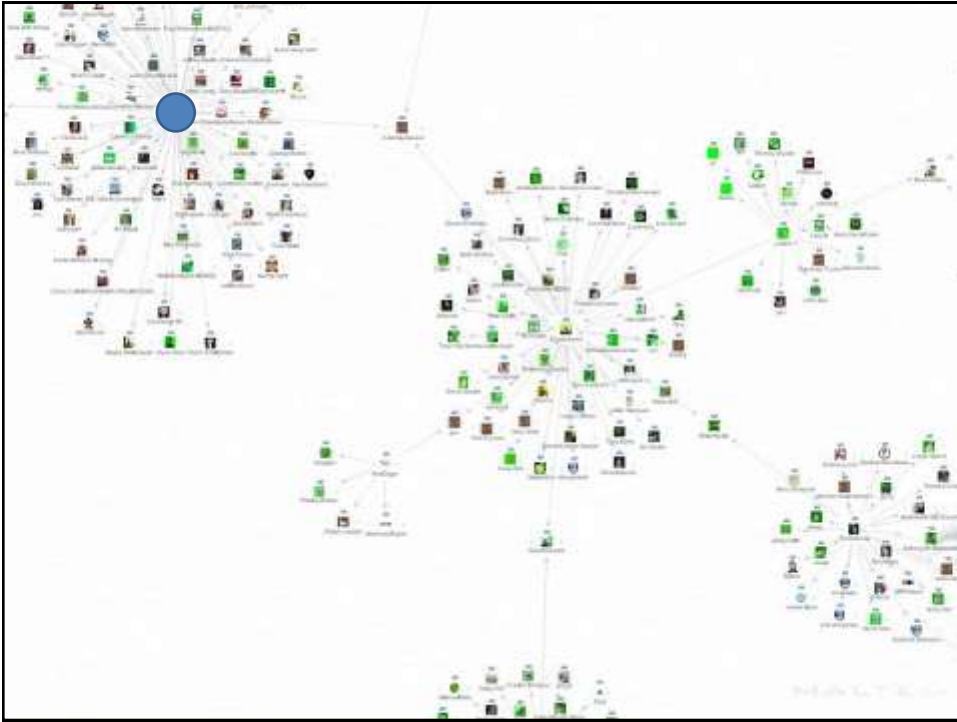
Objectives:

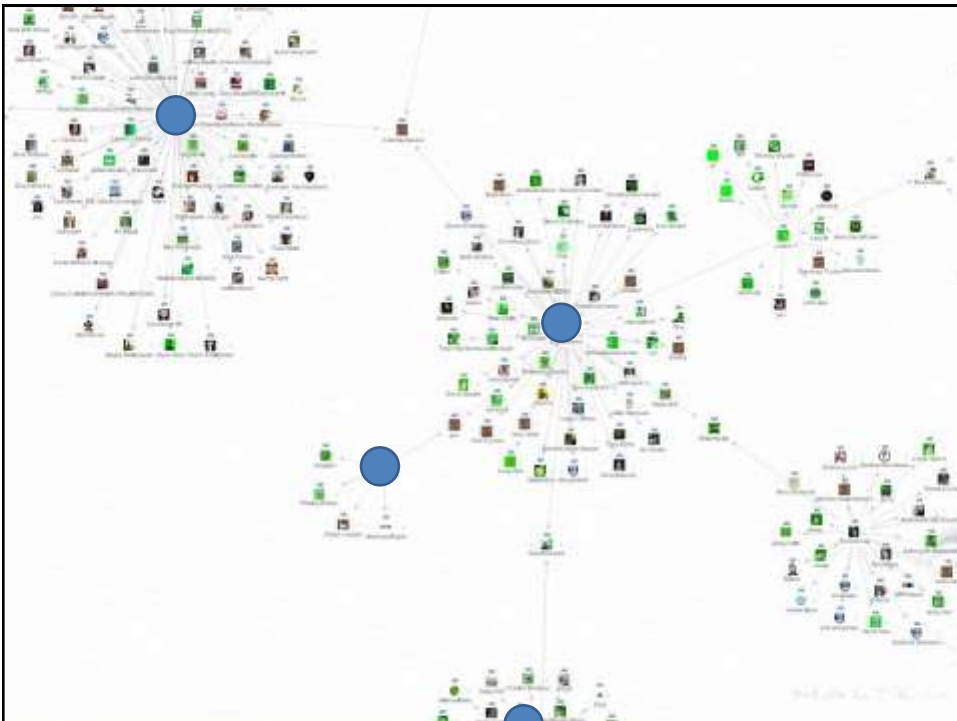
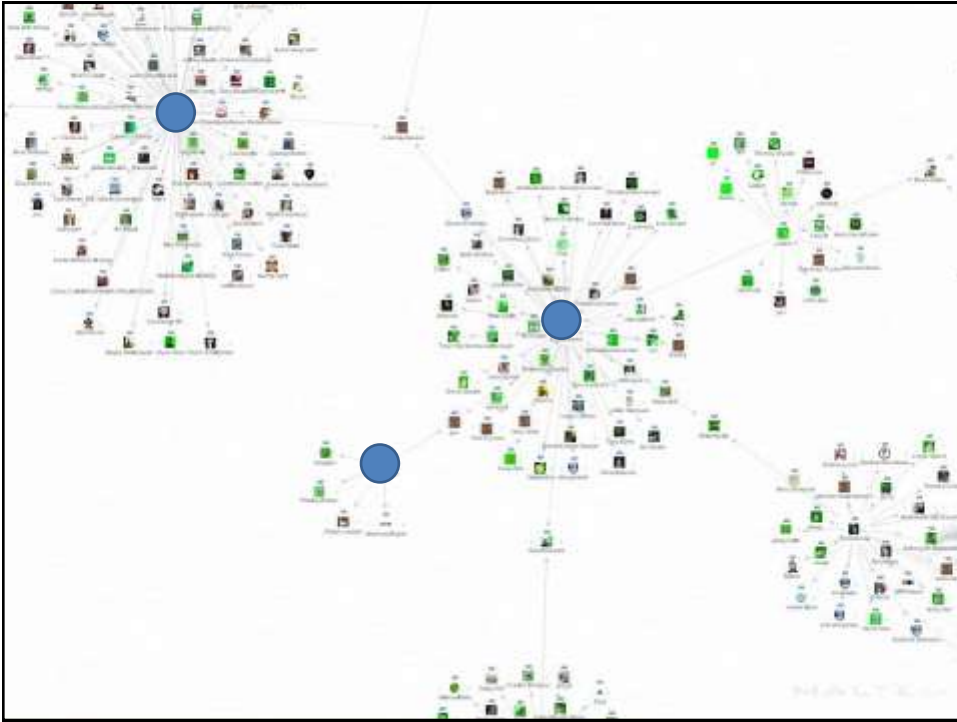
- 1) Investigate the social networks involved in conservation management of the Hauraki Gulf
- 2) Identify features of these networks that are useful / detrimental to conservation
- 3) Explore local social, cultural and political values and how these are linked to environmental systems

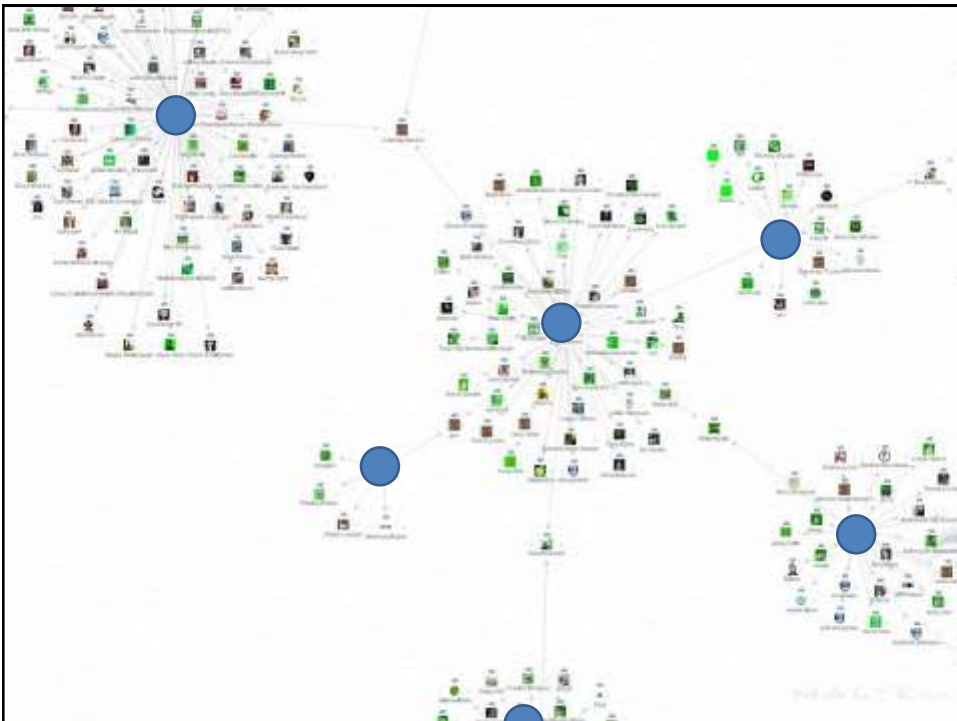
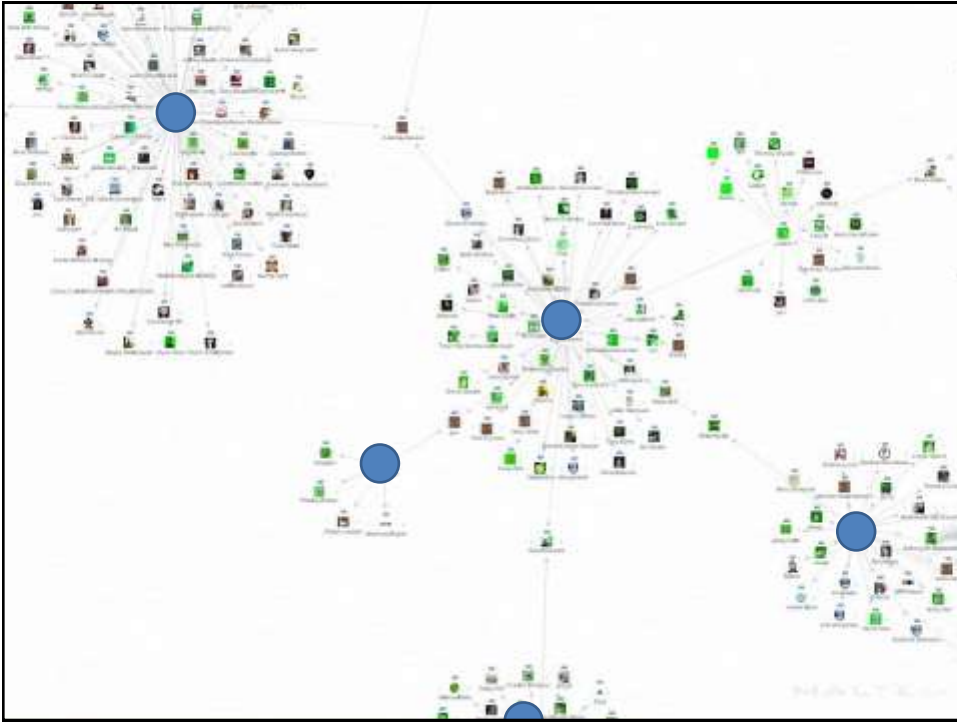
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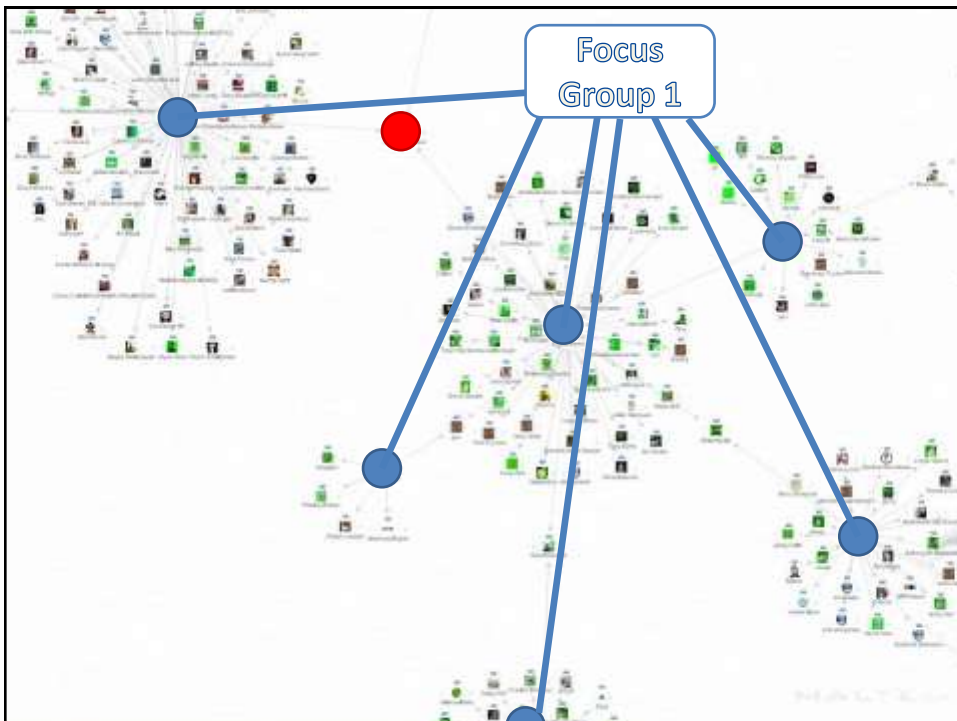
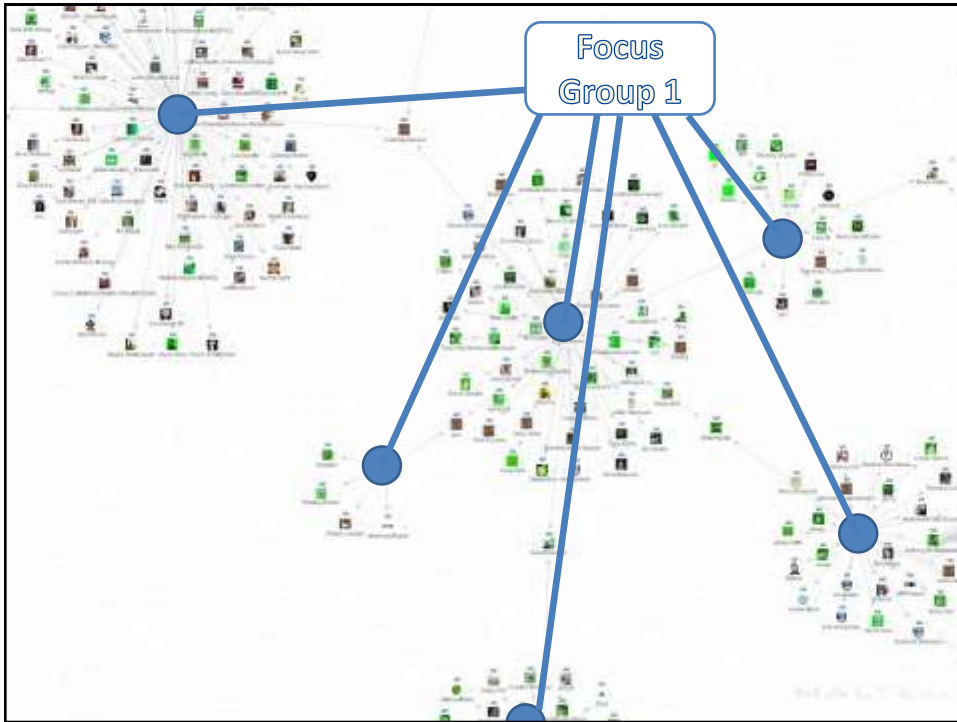


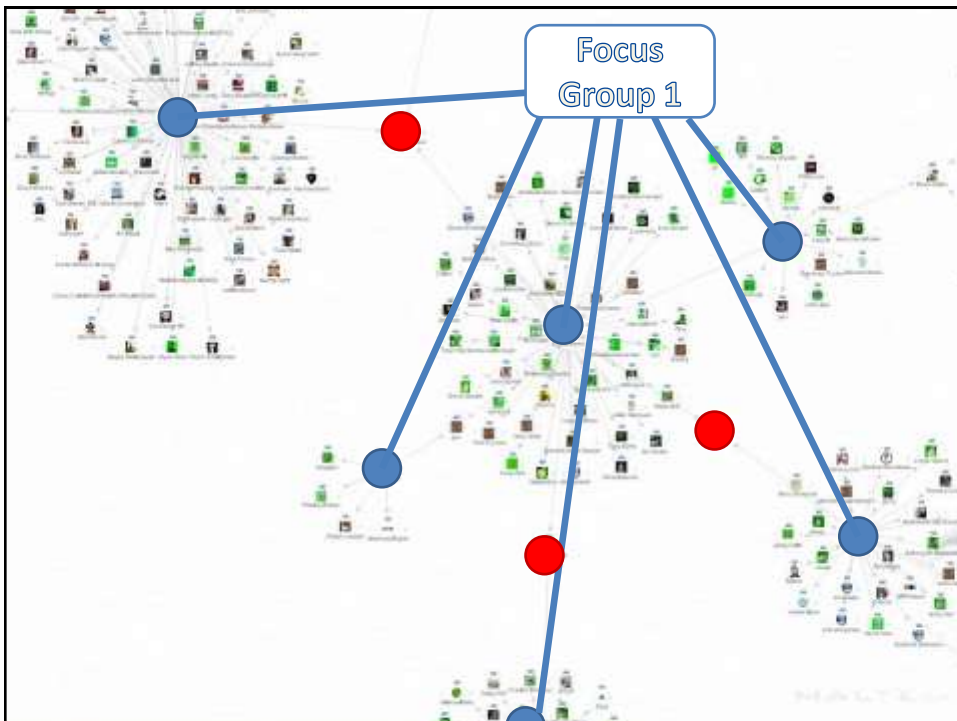
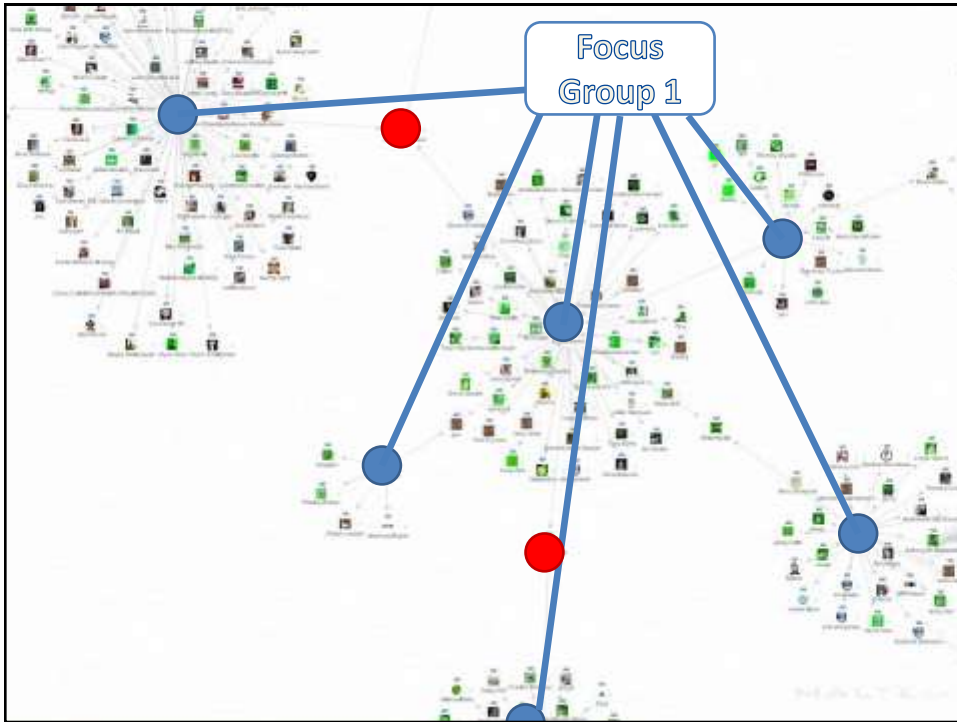


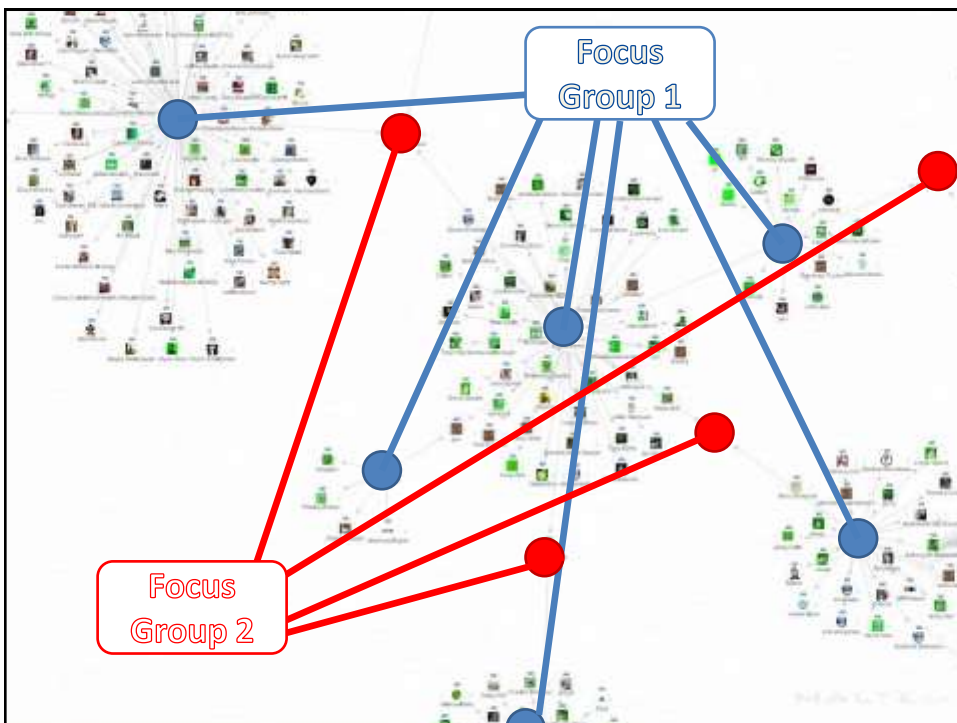
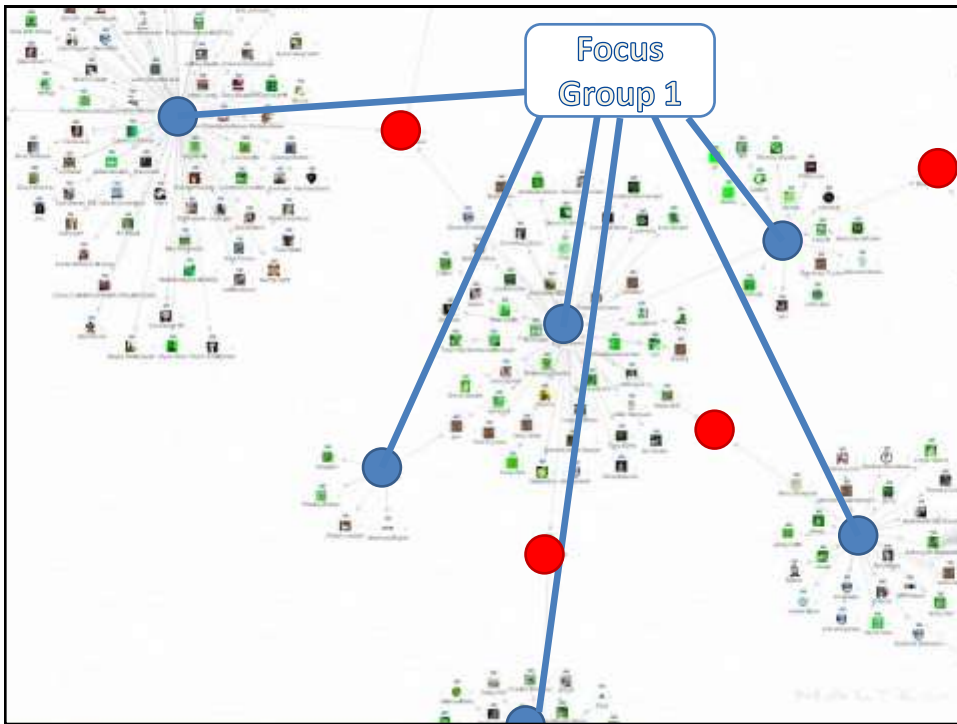


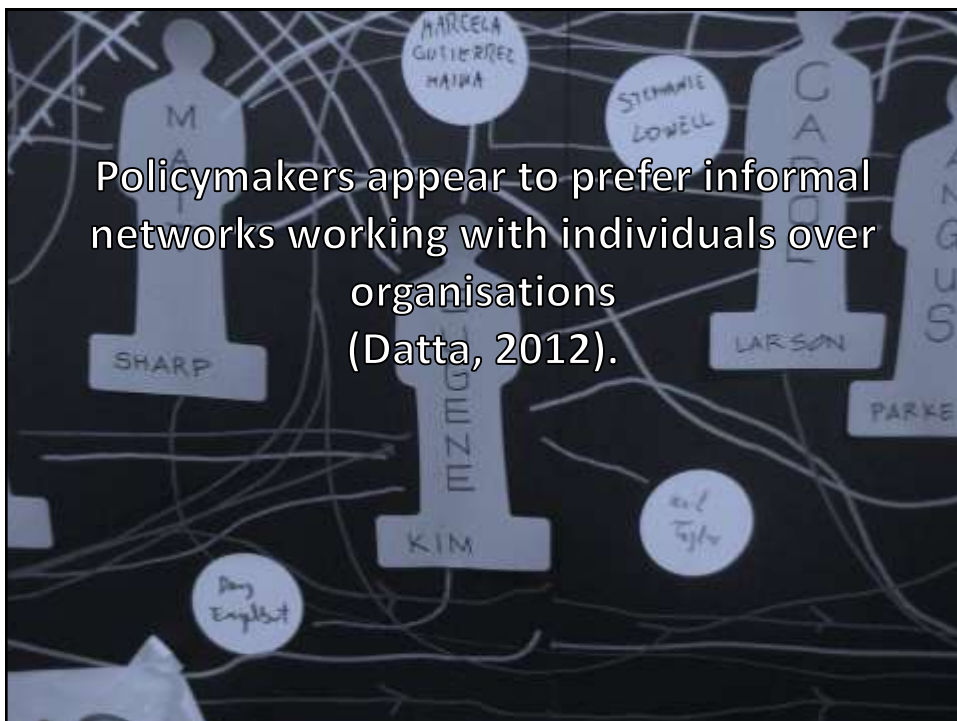
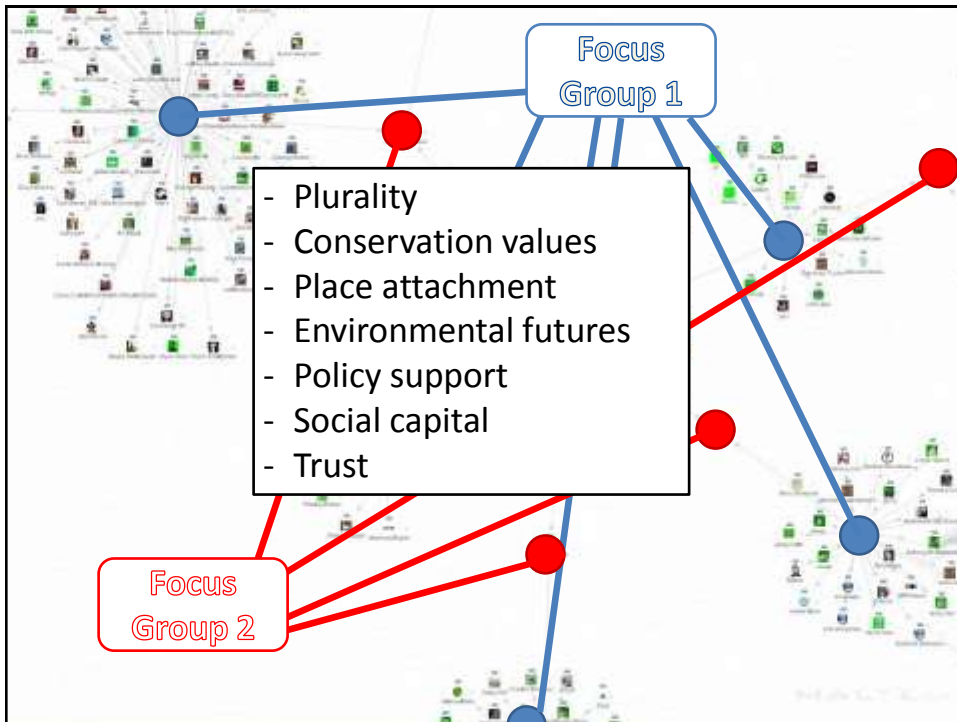




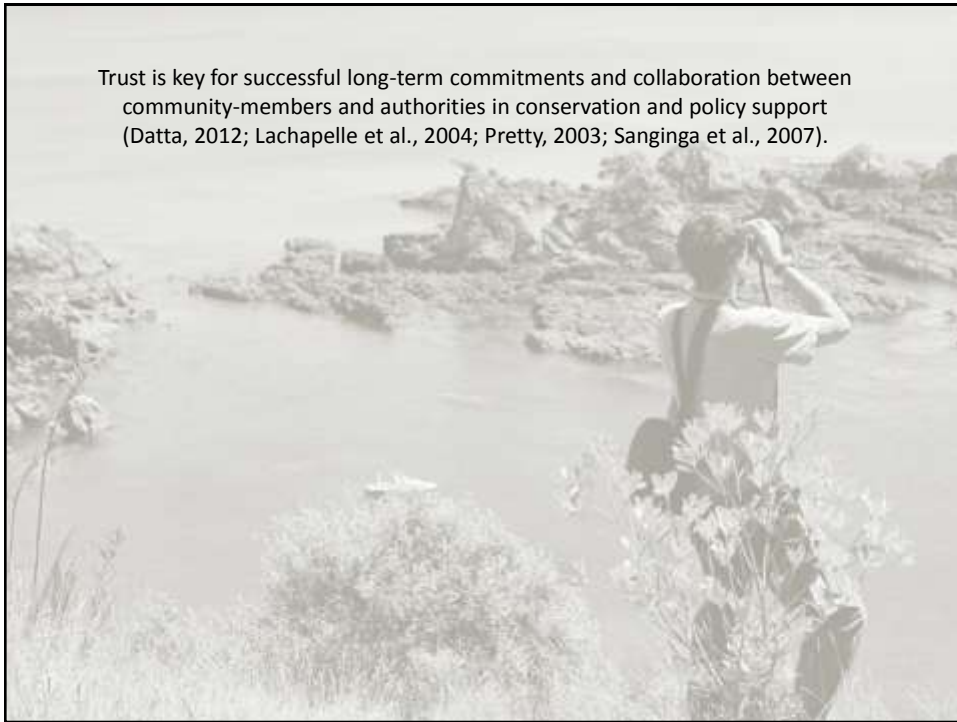








Trust is key for successful long-term commitments and collaboration between community-members and authorities in conservation and policy support (Datta, 2012; Lachapelle et al., 2004; Pretty, 2003; Sanginga et al., 2007).



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Organisation	%
Police	73.9
Community Organisations	73.4
Armed Forces	66.2
United Nations	58.7
Public Service	56.4
Major Companies	54.4
Legal System	53.8
Women's movement	50.5
Local government	49.6
Government	46.9
Churches	43.3
Green or ecology movement	42.3
Parliament	41.4
Trade unions	37.4
Television	34.9
Press	34.8
Political parties	25.4

**“A great deal”
or
“quite a lot”
of confidence**

World Values Study, 2005
State Services Commission, 2006

Next:

- 1) SNA
- 2) Focus Groups
- 3) Build models incorporating the environmental, social and cultural data
- 4) Develop socio-ecological indicators



Dr Barbara Breen
AUT University



Prof David Towns
AUT University & DOC



Dr Christian Krageloh
AUT University



Prof Rex Billington
AUT University

AUTEC Ethics Committee
Maori Research Facilitation Committee
SCCS Conference 2013

Nick Turoa, *Maori iwi liason*
Annie Wheeler, *DOC development*



Dr Karl Blanchet
*London School of Hygiene
& Tropical Medicine*



Dr Henrik Ernstson
Stockholm Resilience Centre