

Māori Frameworks for disaster recovery and climate change

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Dominant social paradigm

Bountiful world for resource extraction

- Economic growth and progress are paramount
- 2. Abundance of resources, resources are to be exploited
- 3. Limited government interference
- 4. Support private property rights and 'business as usual'
- Faith in science and technology (view that science is value free)

New environmental paradigm

Nature as a limited resource

- Protecting the environment more important than resource use
- 2. Nature seen as a delicately balanced limited resource
- 3. Non-materialism favours participatory structures & safety
- 4. Trusts democracy rather than experts
- 5. Humans should live in harmony with nature
- 6. Science and technology are limited (and value-laden)

Te Ao Māori

Relational environmental approach

- Priority given to outcomes of mutual benefit to kin groups and ecosystems
- 2. Extracting resources okay if it builds intergenerational benefits
- 3. Conceptualises ecology as social relations, not separate from people
- 4. Behaviour regulated by concepts of mana (power, authority), tapu (sacredness) and mauri (lifeforce)
- Core principles: kaitiakitanga (sustainable management), whakapapa (connectedness) and manaakitanga (reciprocity)

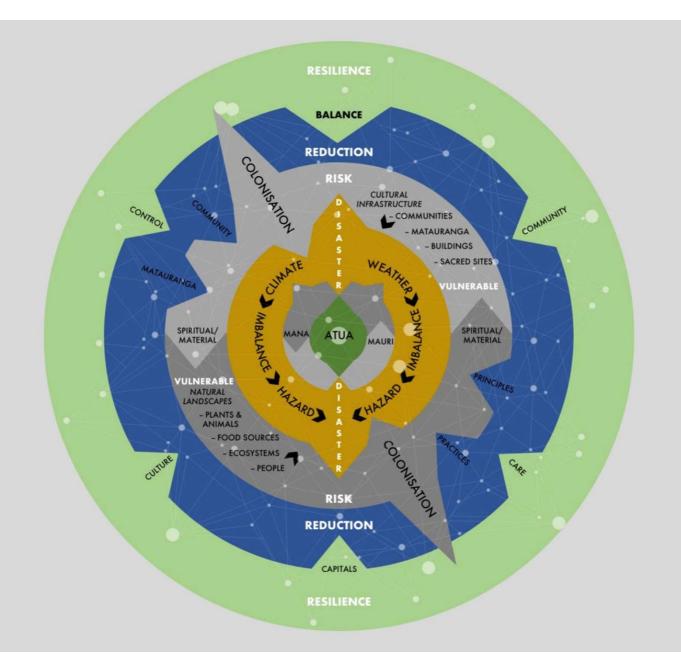


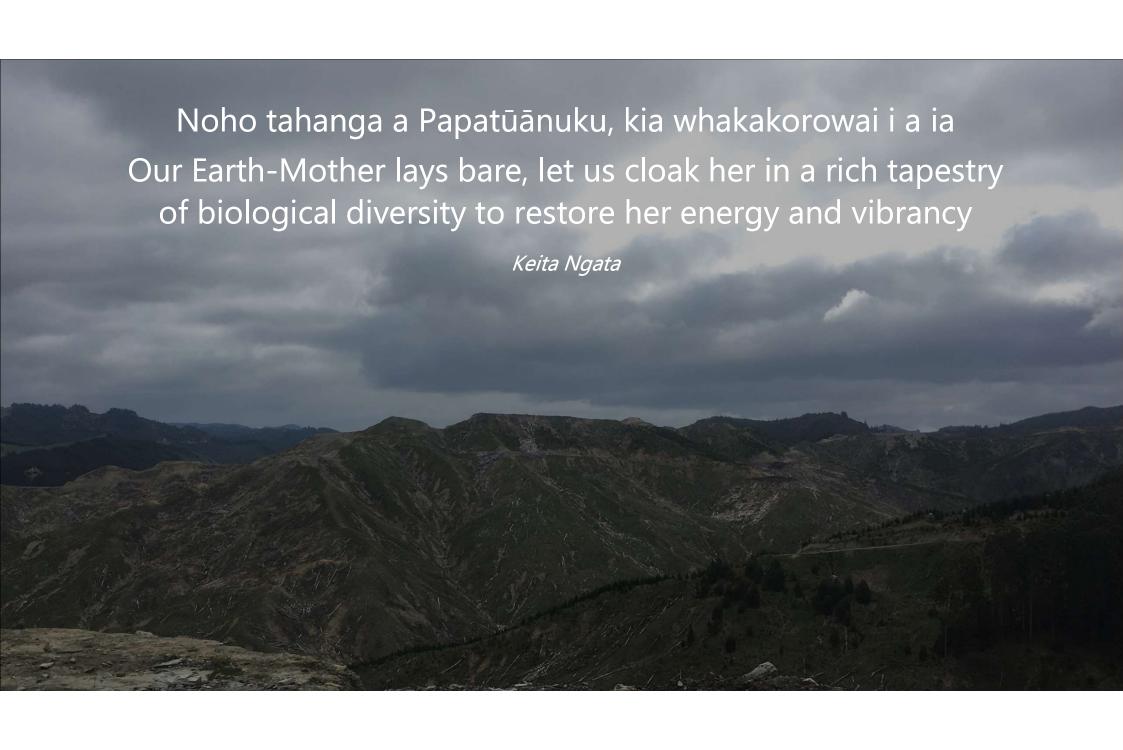




Sendai Framework for Disaster Risk Reduction 2015 - 2030







Implementation

- Partnership
- Procurement
- Priorities
- People-centric









Acknowledgments

Whakahura - extreme events and the emergence of climate change (MBIE Endeavour)

https://www.wgtn.ac.nz/nzccri/research/whakahura

Perceptions of risk and uncertainty (Sustainable Seas NSC)

https://www.sustainableseaschallenge.co.nz/our-research/perceptions-of-risk-and-uncertainty/

Video Clip

https://www.stuff.co.nz/pou-tiaki/132301881/new-documentary-highlights-destruction-on-the-east-coast-and-climate-change-impacts-on-tangata-whenua





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Maxwell, K. H., Ratana, K., Davies, K. K., Taiapa, C., & Awatere, S. (2020). Navigating towards marine co-management with Indigenous communities on-board the Waka-Taurua. *Marine Policy*, *111*, 103722.