

Project Kainga: climate change and kāinga resilience and agility

Kia hiwa rā!

PHD opportunity

Marae communities sit vulnerably in the midst of current greenhouse gas patterns, especially those rurally located. But all marae will be at the frontline of climate change policies, from geographic, economic and cultural points of view. This 5-year project therefore aims to help kāinga to 'front foot' their own plans on becoming more resilient and agile in the face of a changing climate. These plans might cover a whole range of issues concerning energy, transport, land use, freshwater, coastlines, sustainable food systems, forestry and carbon sequestration, innovation, leadership, marae views on climate change policies or carbon budgets and implications for marae and many other topics.

We are providing a once off opportunity for a Māori student to join our fun team to undertake a doctoral research programme with us. Funding covers three years at \$28,000 p.a. increasing by \$500 p.a., plus fees. You can enrol at Otago University or Massey University. You can be based at home or be within the academic community of either campus. We will look to enrol a student by 31 September 2021.

We will have 3 PhD students, a Masters student and other students working in our diverse team of physical and social scientists and 8 marae kāinga and their leaders.

More specific ideas for research include:

- ④ What are the best ways to get tangata whenua engaged in the management of their local awa?
- ④ Kaitiakitanga and Climate Change: Contemporary Responses and Future Challenges
- ④ Maori data sovereignty and climate change: challenges and opportunities for marae communities
- ④ Exploring Innovation for marae communities in the face of a changing climate
- ④ Technology, tikanga and climate change: what are some models?
- ④ Local government climate change policy development and kāinga: exploring engagement, strategies and outcomes
- ④ Collective responses at the regional/rohe level to tackle climate change, looking at alternative/new governance/organizational structures for such initiatives within Māori worldviews and institutions
- ④ Climate change and Māori land trusts: what are the opportunities and barriers?
- ④ Rangatahi views of climate change: how do rangatahi see the future in relation to their kāinga, whenua, wai or marae?

There are many more research themes and questions that could be explored. These are just a few examples.

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