PhD Scholarship in Volcano Geophysics
Victoria University of Wellington | New Zealand

We are seeking a PhD student for an exciting research project studying the long-term geophysical behaviour of New Zealand's active volcanoes. The student will join our volcanic hazards research group at Victoria University of Wellington, New Zealand, and play a key role in a government funded research programme aiming to forecast volcanic eruptions.

In this PhD research programme you will apply cutting-edge analysis tools to the large amount of volcano monitoring data in New Zealand. This will reveal long-term patterns in monitoring signals during volcanic unrest events and in the lead-up to past eruptions. By studying in New Zealand's capital city you will have the opportunity to work alongside frontline emergency management practitioners and volcano scientists. This will include conducting real-time research into any volcanic eruptions or unrest events that may occur during your study. There will also be multiple opportunities for fieldwork in locations across New Zealand.

You will be a self-motivated, and well-organised student with appropriate qualifications in Earth Science, Physics, or Data Science. Skills in Python programming is highly desirable, as are skills in both verbal and written communication in English.

The PhD programme will be supervised by Dr Finnigan Illsley-Kemp and Prof. Martha Savage and includes a PhD stipend of $35,000 NZD per year for three years, with the opportunity of funding for a further 6–12 months. All tuition fees are covered and there is financial support for conference attendance, and a research placement with colleagues in Europe.

The position is based in the School of Geography, Environment and Earth Sciences at Victoria University of Wellington, with start dates flexible after **October 1st 2025**.

Please contact Finnigan Illsley-Kemp (finnigan.illsleykemp@vuw.ac.nz) with initial interest, a CV and transcript. Final applications will be evaluated after 1st September 2025.

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