



MASSEY UNIVERSITY
TE KUNENGA KI PŪREHUROA
UNIVERSITY OF NEW ZEALAND

The Massey University, New Zealand, is seeking a highly motivated PhD candidate for a 3-years research project in Hyperspectral Remote Sensing. The project is to develop new mineral prospecting methods using the combination of hyperspectral imaging, soil and plant chemistry, and airborne geophysics. This project will mostly focus on hyperspectral imaging processing, image classification and regression approaches to predict locations of mesothermal gold mineralization in the South Island of New Zealand. This research project is central part of the project on “Airborne hyperspectral remote sensing for establishing New Zealand’s baseline environmental and mineral indicators”, funded by Ministry of Business, Innovation and Employment.

The successful candidate will join to the Geosciences within the School of Agriculture and Environment. The candidate is expected to hold MSc or BSc degree or equivalent in Earth Science, Soil Science, Remote Sensing, GIS or Computer Sciences, or any related fields. A good understanding of Remote Sensing, soil and plant interactions, programming skills would be desirable attributes, however, they are not required. English languages requirements are: IELTS score of 6.5 with no band less than 6.0, or minimum TOEFL score of 575 paper-based test. More information at this page: <https://tinyurl.com/yapepaob>

The scholarship includes a 25,000 NZD stipend (tax-free), tuition fee, and conference allowance. The research is based at the Manawatu Campus in Palmerston North, with a few weeks of field work every year in the South Island of New Zealand.

For further information, contact Dr Gabor Kereszturi (G.Kereszturi@massey.ac.nz). For applications, please send a CV, publication records, and name and contacts of two referees to the email above. The review of applicants is ongoing until the position is filled.

