



QuakeCoRE
NZ Centre for Earthquake Resilience

Call for Scholarship applications

3-year Doctoral Scholarship

Funded by QuakeCoRE

Hosted by the Centre for Sustainability, University of Otago

Dunedin, New Zealand

QuakeCoRE Flagship 3, Coordinated programme

Wellington Cordon baseline project

This doctoral research project will investigate **the use of cordons following damaging urban earthquakes**. It will contribute to the QuakeCoRE programme (Flagship 3 – Addressing earthquake-vulnerable buildings – a multi-disciplinary approach). QuakeCoRE is a centre for research excellence on earthquake resilience in New Zealand, hosted by the University of Canterbury. For more information visit <http://www.quakecore.nz/about/>

This three-year project will focus on learning lessons from both domestic and international cordoning experiences to inform the planning and implementation of cordons in urban New Zealand. The case study for the project will be the Wellington CBD, and will investigate the potential social, economic and recovery planning implications of cordoning following a future major earthquake.

The successful candidate will be funded by QuakeCoRE for three years (2018-2020).

The successful candidate will have strong social science research skills, with a preference for planning, disaster management or a related field. Geospatial skills are also an advantage, since this doctoral project is situated within a broader research programme involving geoscientists, engineers and social scientists.

The study will adopt a range of mixed methods, tools and approaches, including face-to-face interviews, focus group meetings, *hui* and surveys to develop an understanding of decision-making around the implementation of cordons in a post-earthquake situation, and the short, medium and long-term consequences of those decisions.

The successful candidate will be based at the University of Otago, and will have supervisory and advisory support from within QuakeCoRE as required. They will join a supportive,

engaged and interested cross-disciplinary team of scientists and practitioners, including QuakeCoRE student chapters (clusters of QuakeCoRE graduate students) across the country.

It is anticipated that this research will begin as soon as an appropriate candidate has been identified, but no later than 1 March 2018.

Value and tenure

- If successful, the QuakeCoRE scholarship includes a \$25,000 stipend (tax free) plus a tuition fee waiver of up to NZ\$8,000 per annum for three years.
- This project will span 2018-2020 (inclusive).
- The recipient will be supervised by Dr. Caroline Orchiston at the Centre for Sustainability, University of Otago (Dunedin, New Zealand), and co-supervised by other appropriate individuals once the topic has been confirmed. The Centre for Sustainability has a reputation for providing excellent pastoral care and support for their graduate students, and received the University of Otago Postgraduate Culture Award in 2016. Visit <http://www.otago.ac.nz/centre-sustainability/index.html>

Applicant eligibility

This PhD scholarship is open to domestic and international candidates. Note international students are eligible to pay domestic fees if they are living in New Zealand with the appropriate student visa (for more information, <http://www.otago.ac.nz/international/otago002190.html#phdfees>). For all students, please note you will need to have an excellent GPA and English writing and communication skills to apply.

It is a prerequisite that applicants have an Honours or Masters qualification (with a research thesis component) in a relevant discipline - **inter-disciplinary skills are encouraged**, including: geography, planning, social science, surveying, earth science or sociology.

The successful candidate will be enrolled fulltime at the University of Otago and reside in Dunedin, New Zealand for the tenure of the project.

How to apply

Applicants should submit an email to Dr. Caroline Orchiston that includes:

- A full curriculum vitae;
- Academic transcript;
- Contact details and supporting letters of two academics referees;
- An example of your best written work (for example a section of coursework or thesis, or a published journal article);
- One A4 page cover letter outlining your interest in the topic, and why you would like to be considered for this scholarship.

The closing date for applications is January 20th 2018.

Please email your application to Dr. Caroline Orchiston (caroline.orchiston@otago.ac.nz). Contact Dr. Orchiston via email with any questions or queries about the research.