

The School of Environment Postgraduate Research Showcase 2019

Thursday 3 October | Fale Pasifika

On Thursday 3 October 2019, the School of Environment will hold its annual Postgraduate Research Showcase to celebrate research currently ongoing within the School. This event gives a selection of our current students an opportunity to display their research to the wider school community, its staff & students. The one-day event will feature selected PhD presentations, and poster displays by MSc and Honours students. The event concludes with a reception back on the 6th floor of building 302.



Programme

- 9:30 am Arrival & Welcome
- 9:45 am Selected PhD Presentations
- 10.45am Morning Tea
- 11.00pm Selected PhD Presentations
- 12.00pm Lunch/ Honours and MSc poster viewing and voting
- 2.00pm Selected PhD Presentations
- 3.15pm Poster Prizegiving
- 4:00pm Drinks & Nibbles (6th floor B302)



THE UNIVERSITY OF
AUCKLAND
Te Whare Wananga o Tāmaki Makaurau
NEW ZEALAND

Programme

9:30 am Introduction from the chair of the School of Environment Rangahau (Research) Committee

PhD Seminars

9:45 am **Sophia Tsang**

Modelling the Hazard Footprint and Consequences of Lava Flows in an Urban Environment

10:00am **Benjamin Laeuchli**

Towards 250,000 years of paleoenvironmental and paleoclimate evolution recorded in Onepoto Maar Lake, New Zealand

10:15am **Steve Brennan**

Characterising elasticity and replicating in situ conditions of New Zealand's coaly source rocks

10:30am **Adnan Djefal**

High resolution imaging of the shallow subsurface structure of the South Hikurangi Subduction Zone, New Zealand, using 2-D Full-waveform inversion

10:45am **Morning Tea**

11:00am **Franz Lutz**

Constraining ice shelf anisotropy from borehole seismometer recorded active source shear wave splitting

11:15am **Emily Limage**

Assessing health and environmental impacts from volcanic eruptions: case studies from Vanuatu

11:30am **Seethal Sivarajan**

Remediation and recovery techniques for volcanic tephra affected pasture soils of New Zealand

11:45am **Kosal Chim**

Land use change detection and prediction in upper Siem Reap River

Masters and Honours Student Posters

12:00pm View and discuss research by our Honours and Masters students while enjoying a catered **lunch!**

PhD Seminars

2:00pm **Meiqin Han**

Mutual interactions and adjustments between hydrogeomorphic process and vegetation dynamic in four branching reaches of the Upper Yellow River

2:15pm **Roselyn Naidu**

Large Benthic Foraminifera: Growth and Fecundity of *Marginopora vertebralis* and *Amphistegina lobifera* in a laboratory

2:30pm **Quinn Asena**

Dealing with Uncertainty in Resilience Indicators from Palaeoecological Data

2:45pm **Khanh Ton**

Expanding the capabilities of people with disabilities in disaster risk reduction

3:00pm **Rose Gregersen**

Expanding our understanding of agriculturally driven lake ecosystem change using historic diatom communities.

3:15pm Wrap up comments and prize giving by the Chair of the Postgraduate committee, announcement from the PhD committee

Function

4:00pm Drinks and Nibbles (6th floor B302)