Pre-conference field trip (FT6)
Rangitoto Island

**OVERVIEW:** Rangitoto Island is a basalt shield volcano and one of Auckland’s more iconic landscape features. Standing like a bastion in the Waitemata harbour, Rangitoto last erupted some ~600 years ago after Auckland was settled by Maori, and is therefore the youngest volcano in the Auckland Volcanic Field. The tour will meet at the Downtown Ferry Terminal at Queens Wharf and take a ferry to Rangitoto Island. A walk up to the summit offers exposures of basalt lava flows and scoria. The summit provides an overlook of the crater as well as magnificent views of the neighbouring islands and Auckland City. Following the descent back to the jetty, the tour ends with a ferry ride back to the starting point at the Downtown Ferry Terminal.

**LEADER:** Associate Professor Jan Lindsay, The University of Auckland

Jan Lindsay is an Associate Professor in the School of Environment at The University of Auckland. Jan’s research focuses on making society more resilient to volcanic hazards through improving understanding of magmatic and volcanic processes, and developing and testing techniques for better communication between scientists and stakeholders to ensure efficient uptake of hazard and risk research.

**START:** Tuesday 2 April 2019, 9:00 am at Auckland downtown ferry terminal for 9:15 am sailing.

**END:** Tuesday 2 April 2019, 3:30 pm sailing from Rangitoto Island to Auckland arriving at the Auckland downtown ferry terminal at approximately 4:00 pm.

**DURATION:** One day

**PROVISIONAL ITINERARY**

Meet at the Auckland downtown ferry terminal at 9:00 am for the 9:15 am sailing to Rangitoto Island. The ferry takes approximately 25 minutes to reach the island. Take the walking track
up to the summit. Following time at the summit, participants are free to take alternative walking tracks back down to the ferry jetty to meet the 3:30 pm ferry back to the downtown ferry terminal in Auckland, arriving approximately 4:00 pm in Auckland.

INCLUDED:
- Ferry fees between downtown Auckland and Rangitoto Island and return

NOT INCLUDED:
- Lunch, refreshments and drink

SPECIAL REQUIREMENTS: A moderate level of fitness is required. Sturdy footwear is essential and wet weather gear, sun hat and sunscreen are advised. There are no food or refreshments outlets on the island. Participants must take all the food and drink they require for the day.

MAXIMUM NUMBER OF PARTICIPANTS: 40

MINIMUM NUMBER OF PARTICIPANTS: 15

COST: NZ$45.

NOTE: This field trip is subject to confirmation and minimum numbers.

FURTHER INFORMATION: Email Jan Lindsay at j.lindsay@auckland.ac.nz

REGISTRATION: Visit http://pacrim.ausimm.com
ROUTE MAP

[Image of a map showing a ferry trip to an island from Auckland, New Zealand.]
GALLERY

Rangitoto Island (distance) and Devonport (Foreground). Source New Zealand Geographic (www.nzgeo.com/stories/rangitoto).

Walk to summit of Rangitoto Island
Crater at summit of Rangitoto Island

View of Auckland CBD (distance) from the summit of Rangitoto Island
View east to Motutapu Island from Rangitoto Island

Lava tunnel
Blocky lava flow on Rangitoto Island with the Auckland Harbour bridge in the far distance