

[Natural Hazards - The Alpine Fault](#) [1]



Welcome to **Natural Hazards - The Alpine Fault**. This trip has been postponed. We will now run this trip in term 4 2020, starting November 3. Supported by EQC - [Earthquake Commission | Kōmihana Rūwhenua](#) [2]. [3] [Enrol now](#) [4].

Introduction

Come and explore the Alpine Fault, one of the world's major geological features. Experts will take you to remote locations to help you understand what causes earthquakes, landslides and tsunami and how you can manage the risk of these events. Aotearoa sits on the boundary between the moving Pacific and Australian Plate. These plates continue to shape our amazing landscape, creating spectacular mountains, valleys and lakes. During this field trip you will discover the power of these geological forces as you look at the evidence left behind in the Franz Josef Waiau landscape.

Meet [Shelley](#) [5] the LEARNZ field trip teacher.



Watch the introductory video - *coming soon*.

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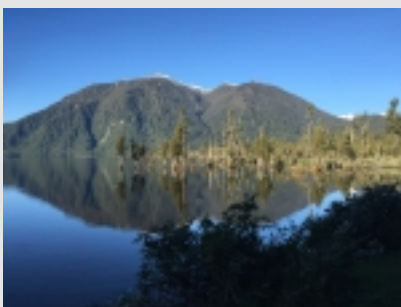
Location

The Alpine Fault is a very distinct feature along Te Waipounamu, the South Island. This is because Kā Tiritiri o te Moana, the Southern Alps have been uplifted along their eastern side, making the fault clearly visible from space. The town of Franz Josef Waiiau is located directly above the Alpine Fault making it an ideal place to study the largest seismic hazard in Aotearoa, New Zealand.



Field Trip Plan - Term 4 2020

Tuesday 3 November



Exploring shaky ground

Discover the spectacular scenery of Tai Poutini Westland and take a closer look at the Alpine Fault. Find out how this fault has shaped Te Waipounamu, the South Island.

Wednesday 4 November

Living near an active fault

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Investigate the possible impacts of a magnitude 8 Alpine Fault earthquake. Look at what is being done in Franz Josef Waiau township to manage these impacts.

Thursday 5 November



Getting prepared

Meet students from South Westland Area School and see how they have identified local hazards. Learn how to prepare for natural hazards such as earthquakes, tsunami and landslides and protect your property.

What's New

| | |
|---------------------|---|
| Wednesday 19 August | The <i>Natural Hazards</i> field trip has been postponed and will now be held 3 - 5 November. |
| Monday 27 July | Newsletter sent to all enrolled classes. Teachers can now book a web conference [6] to speak to experts live during the field trip. |
| Monday 27 July | The 2020 <i>Natural Hazards</i> field trip website is now online. |

The LEARNZ Team think that joining [NZASE](#) [7] and staying connected through its email newsletter will help you become a better teacher of science.



EARTHQUAKE COMMISSION

Kōmihana Rūwhenua

[8]

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Links

[1] <http://www.learnz.org.nz/naturalhazards203>

[2] <https://www.eqc.govt.nz/>

[3] <http://www.doc.govt.nz/>

[4] <http://www.mylearnz.org.nz/account/enrol>

[5] <http://www.learnz.org.nz/naturalhazards203/meet-shelley-the-learnz-field-trip-teacher>

[6] <http://www.learnz.org.nz/naturalhazards203/webconferences>

[7] <https://nzase.org.nz/>

[8] <https://www.eqc.govt.nz>