

Curriculum and Participation

18 credits toward graduation, 6 credits toward Geo Major

21 student participants

Plus: me, NZ Geologists, one or two Carl alums as TAs/Camp Managers

Candidates: geology majors and those considering it. We anticipate some Seniors (especially as mentors), a good number of Juniors, and some Sophomores... (at least one 200-level geology course required)

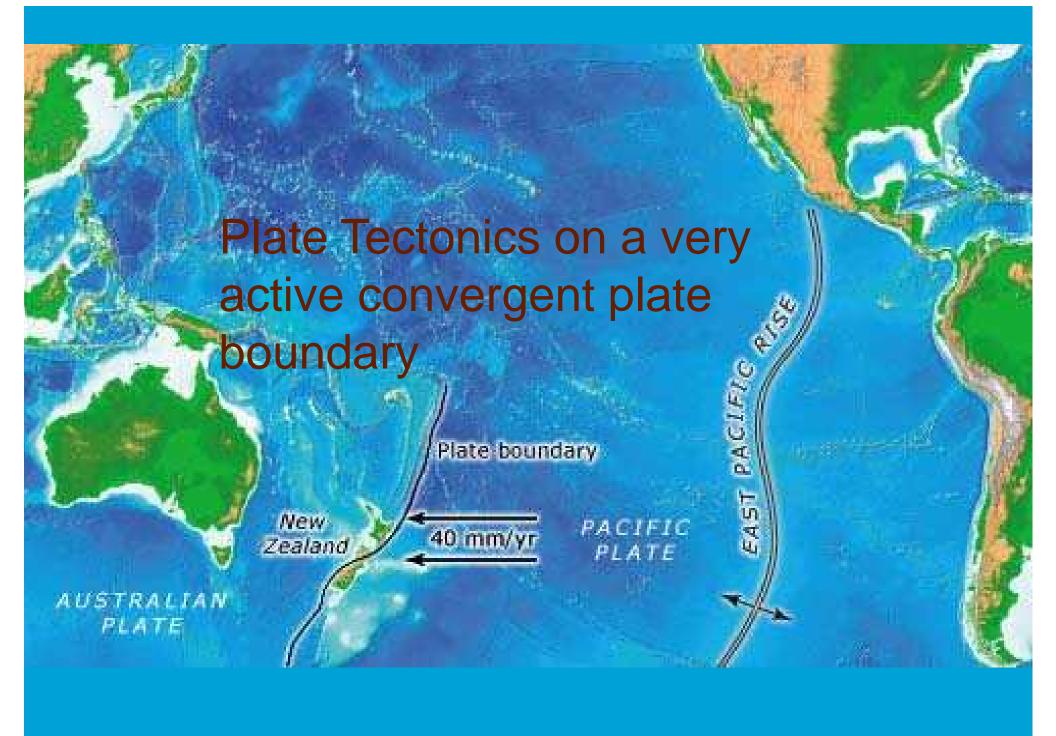
Interviews and applications this Spring Term- so watch for announcements from OCS. Applications: April 17th.

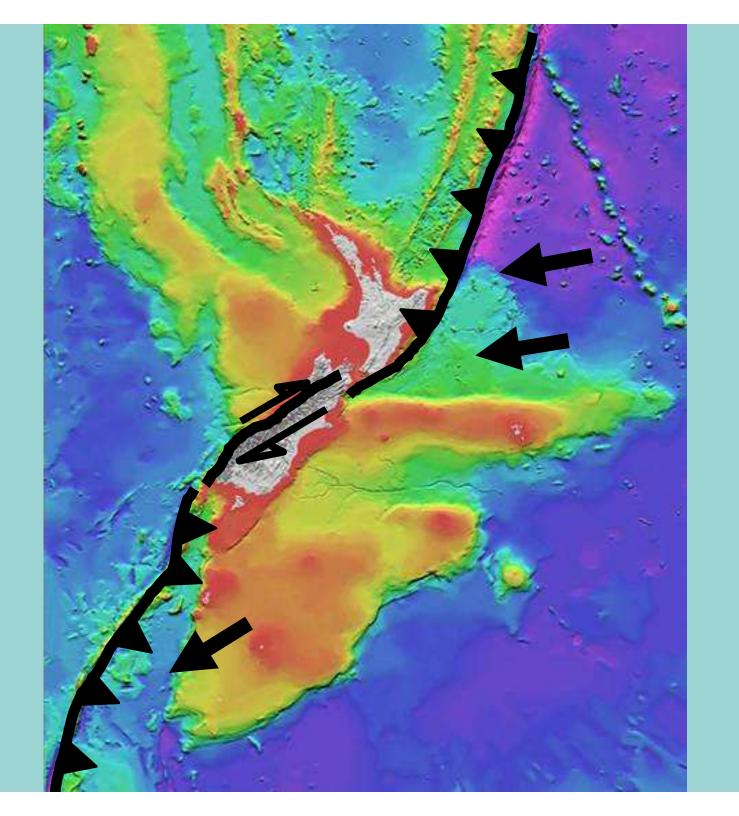
Focus will be *Field Work*

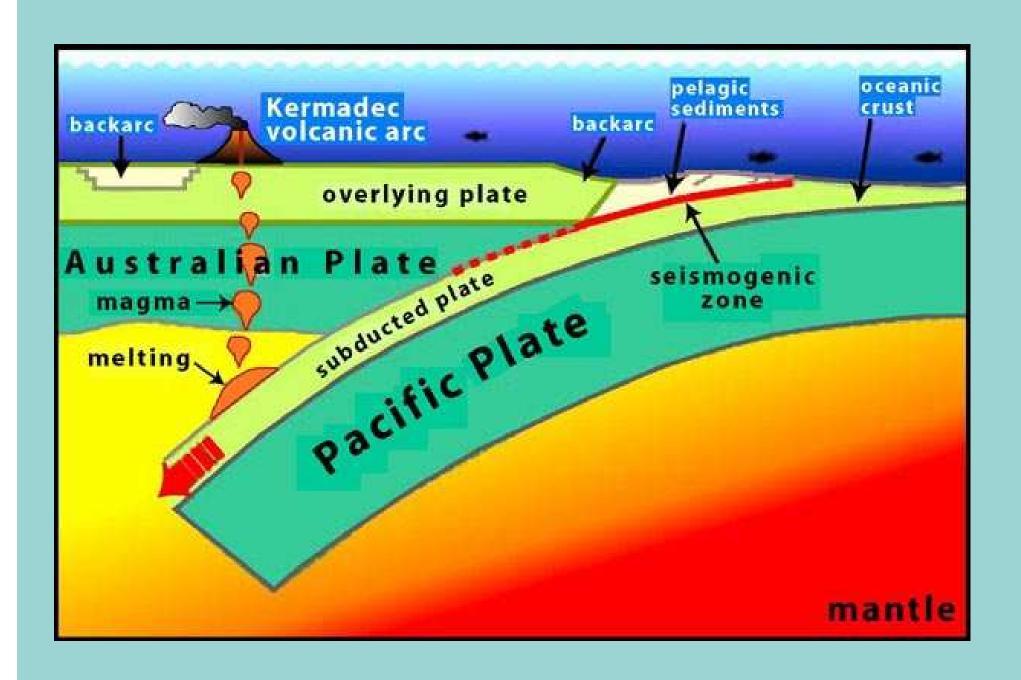
- we will investigate all types of rock, structures, stratigraphy, geomorphology, using both ancient and modern examples
- problem-based inquiry, honing our skills of observation and spatial reasoning, and some event analysis
- we'll use readings from the primary literature, and have evening seminars
- we'll also visit to cool geological sites without guilt of doing so...
- we'll explore cultural topics (Maori and European) and environmental issues: geothermal energy, geohazards, land-use, etc.















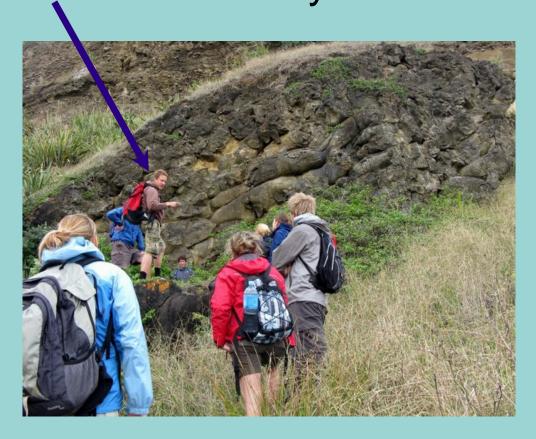






Local Experts in field with us: Darren Gravley



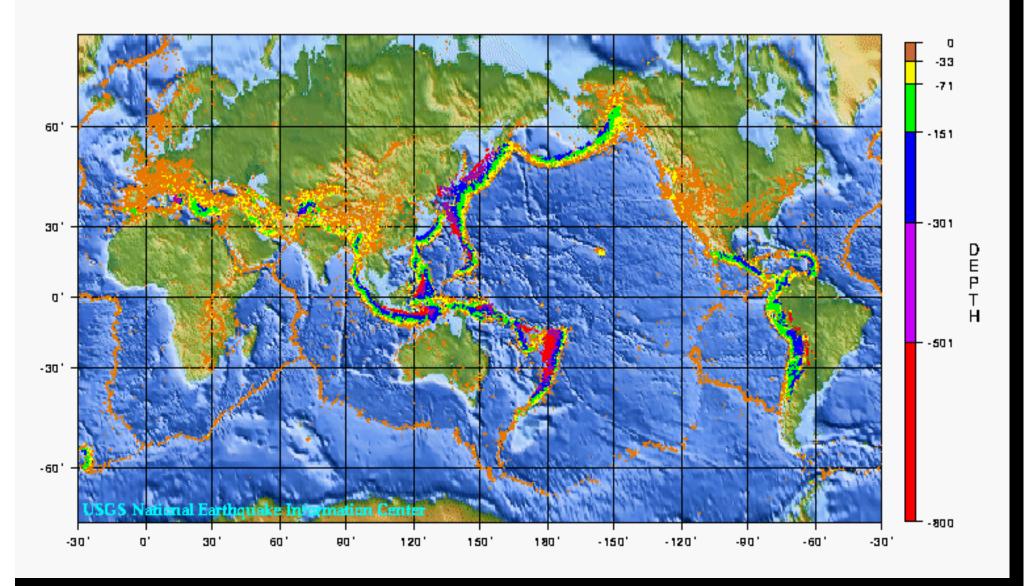


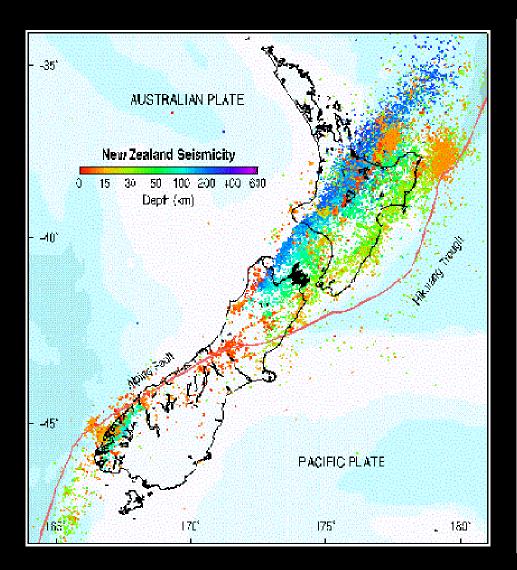


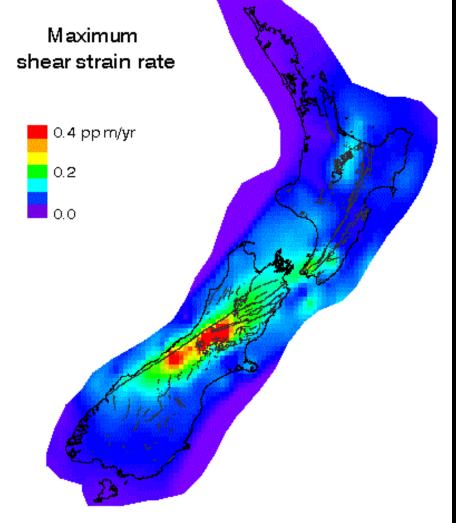
Exposure to new types of rock, and problems to solve...



World Seismicity: 1975 - 1995









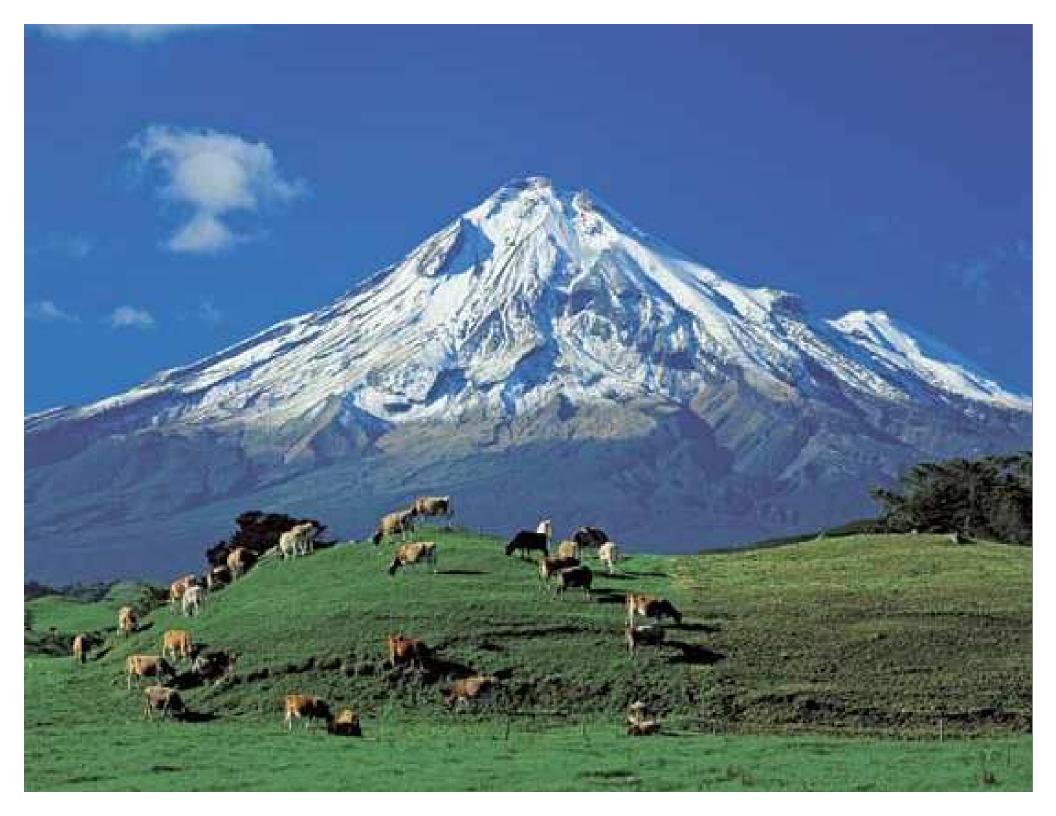




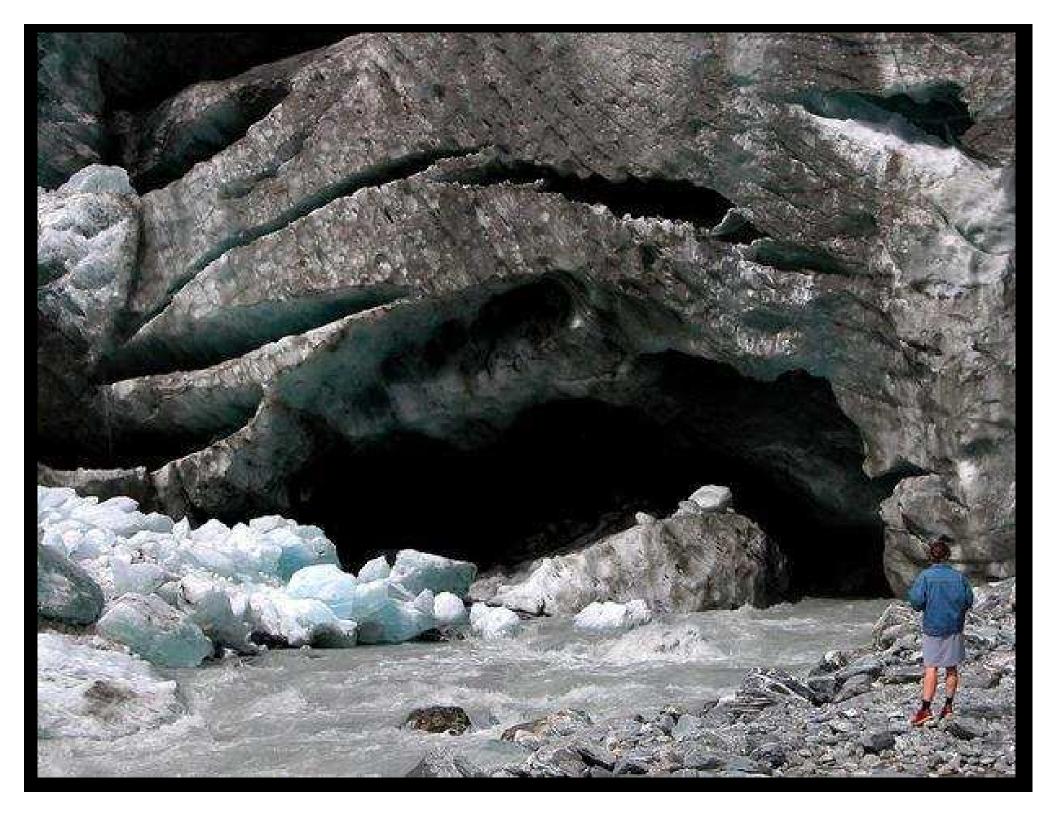


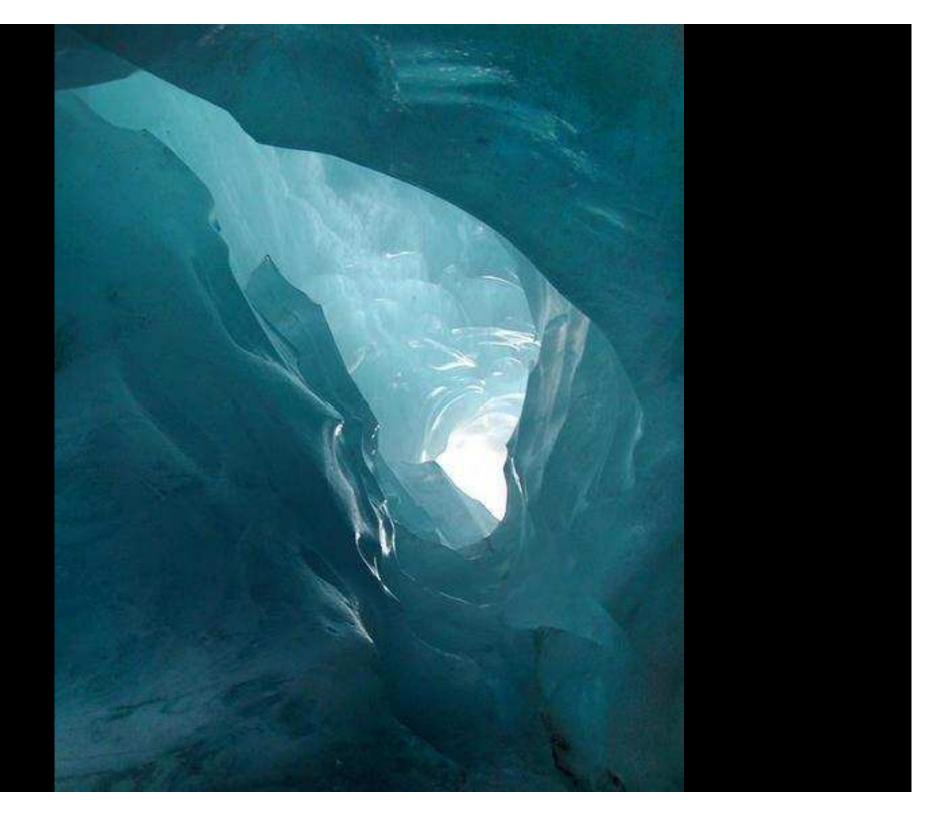




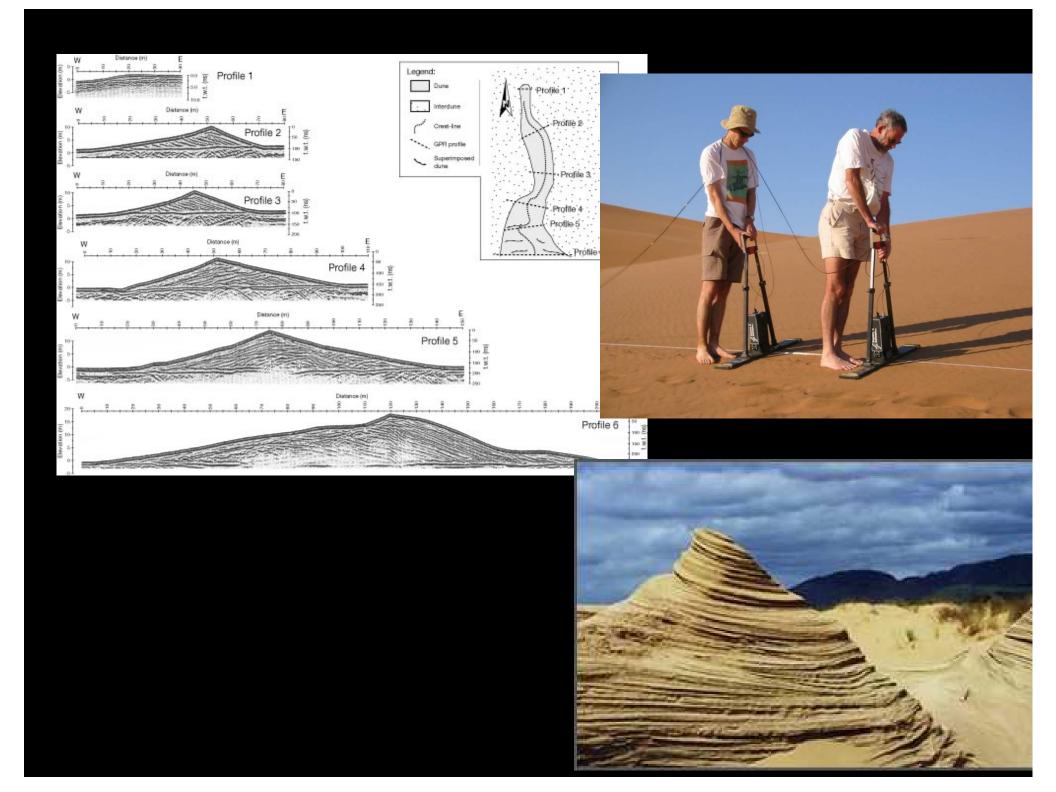




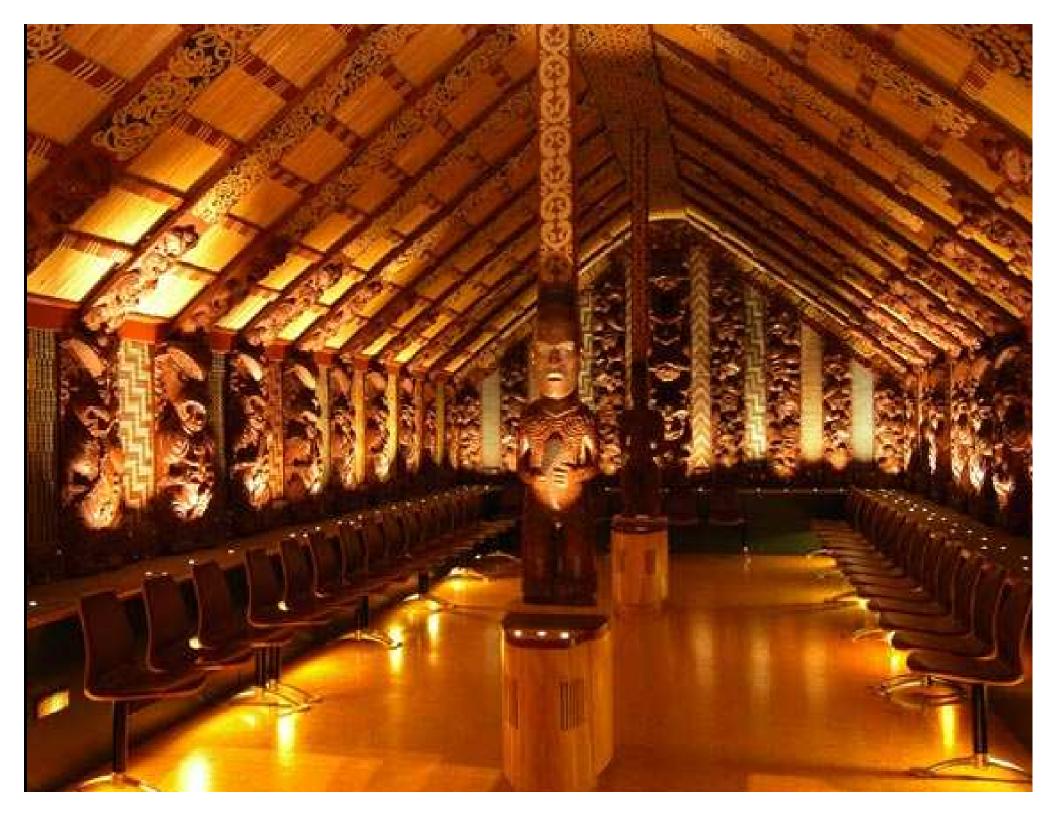




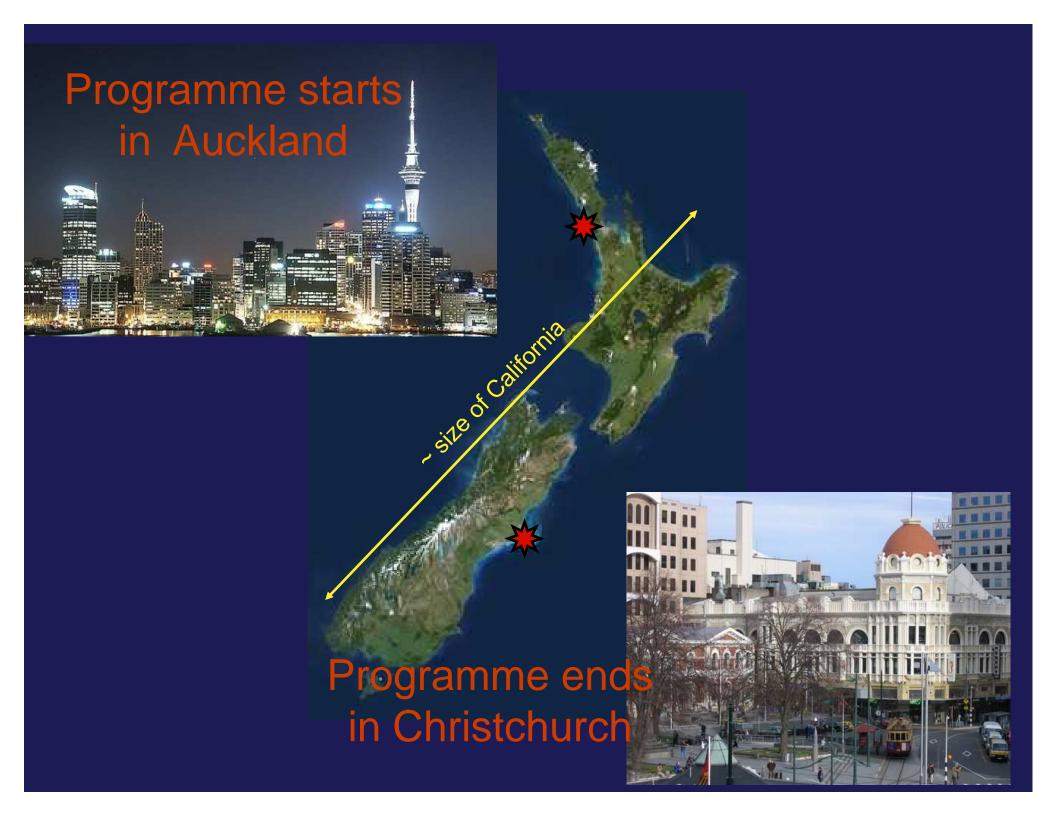














ITINERARY & PLAN

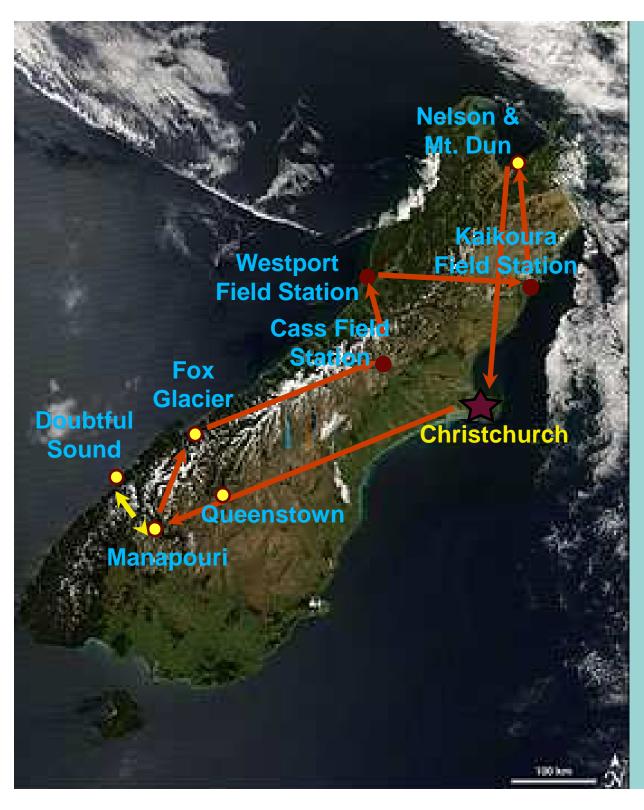
First four-weeks on North Island:

developing skills

back arc tectonism

volcanism and geothermal energy

coastal sedimentology, geomorphology & marine habitats



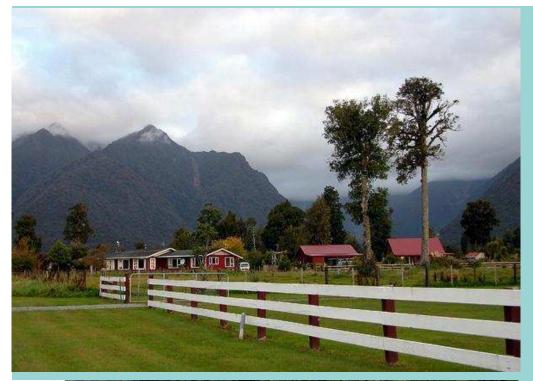
Second four-weeks on South Island:

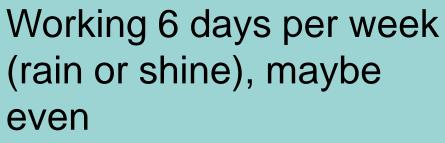
honing skills

structures mapping

stratigraphy

igneousmetamorphic mid-crustal & mantle rock





7 some weeks!

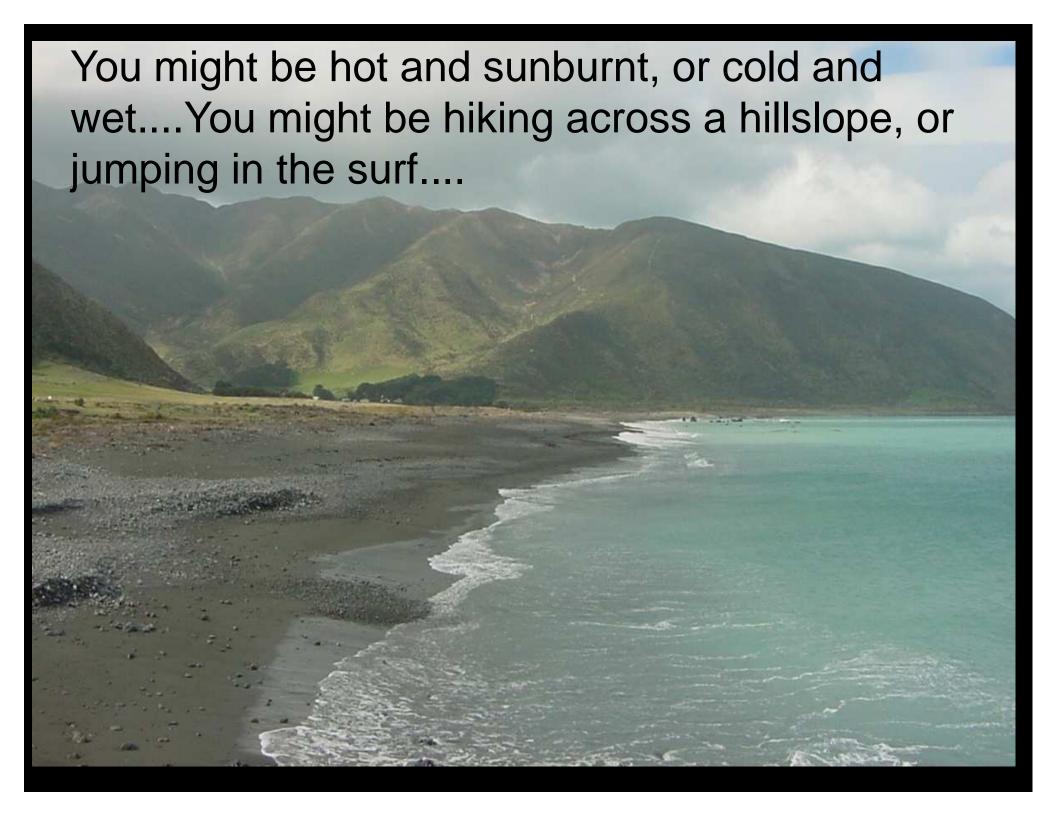
Some odd hours (low tide) and some odd down-time



Bunk style dorms or rustic cabin quarters

Communal and small group





Dates and Destinations:

Sunday January 3: students due in Auckland -arrive at start separately, but we leave Auckland as a group the next morning, Monday January 4. You can use the Winter & Spring Breaks for personal travel.

January 4 - 30: Four weeks of intense field work and travel across the North Island

January 30 - February 5: Mid-Programme Break

Friday February 5: Group reconvenes on South Island (various rendezvous points to meet up with group)

Saturday March 6: Programme ends in Christchurch after breakfast. Three weeks to start of Carleton term...