

POSTERS

Symposium 1: 50 Years on in New Zealand Geology

1	Rattenbury M et al.	QMAP Kaikoura: the new 1:250 000 geological map of northeastern South Island
2	Cox S & D Barrell	QMAP Aoraki: the new 1:250 000 geological map of Central South Island
3	Harrington H	The median tectonic line initiated as a Late Carboniferous continental truncation zone
4	Turnbull I et al.	Progress on QMAP Fiordland
5	Lever H	South Island Oligocene unconformities – evolution of an idea

Symposium 2: Mountains to Abyss–The Passive and Active Margins of Eastern NZ

6	Mackay K et al.	Mapping the deep sea: application of multibeam data to deep sea geological sampling
7	Wright I et al.	Collapse and re-growth of Monowai submarine volcano, Kermadec arc, 1998-2004
8	Bodger K et al.	Seafloor structural geomorphic evolution in response to subduction processes, Poverty Bay indentation, New Zealand
9	Wood M et al.	Sediment dispersal and deposition on a muddy continental shelf at the active Hikurangi margin, Poverty Bay, New Zealand
10	Cooke P et al.	Muddy Waters ~ offshore records of onshore responses to abrupt climate events
11	Quinn A et al.	Progress report: paleomagnetic analyses of Kasten cores from the Waipaoa Basin, New Zealand
12	Hollis C et al.	Radiolarian-based indicators of oceanographic changes, offshore eastern New Zealand, over the last 500,000 years
13	Townsend D & T Little	The Early Miocene plate boundary in Marlborough, New Zealand: Thrust faulting and regional clockwise vertical-axis rotation

Paleontology

14	Jones C	The first Pterosaur bone from the Late Cretaceous of the South Island, New Zealand
15	Mannerling A & N Hiller	A deep-water shark fauna from the Paleocene of North Canterbury
16	Crouch E et al.	Vegetation and climate change at the Paleocene-Eocene transition
17	Wood J & S Read	Anaglyphs as a tool for viewing taphonomy: an example from a Holocene moa fen deposit, Styx Valley, Central Otago
18	Kawagata S et al.	Gone but not forgotten - casualties of the last global extinction

Sedimentology, Basin Analysis and Paleo-oceanography

19	Bassett K & D Kapoutsos	Cretaceous-Eocene transgression marked by changes in sediment provenance and glauconite formation, Broken River to Waipara/Iron Creek Formations
20	Crampton J et al.	Where is the Cenomanian-Turonian boundary in New Zealand, and is there a hydrocarbon source rock associated with it?
21	Field B et al.	What source rock potential does the Waipawa Formation have beyond the East Coast Basin? An outcrop-based case study from Northland
22	Bear T et al.	Sedimentology of the Mahoenui Group, King Country region
23	Hansen R & P Kamp	Sequence stratigraphy and architectural elements of the giant foresets formation, northern Taranaki Basin, New Zealand
24	Hood S et al.	Petrology of transgressive cool-water limestone sequences in northern Te Kuiti Group, Waikato Basin, New Zealand
25	Tinto K et al.	The Cenozoic sequence from a drillhole in South Canterbury
26	Titjen J et al.	Tertiary skeletal limestones and carbonate dykes on Chatham Islands

27	Bolhar R & M Van Kranendonk	Trace element geochemical evidence for a lacustrine environment of deposition of late Archaean Fortescue Group stromatolitic carbonates, Western Australia
28	Pearson M & C Nelson	Septarian concretions, fracture fill organics and the role of bacteria in concretion fracturing
29	Fohrmann M et al.	Distribution and seismic characterisation of gas hydrates in Fiordland, New Zealand

Tectonics, Structure and Crustal Geophysics

30	Townend J	Constructing a brittle–ductile rheological model of continental lithosphere
31	Ewig E et al.	A seismic-gravity study of the southeastern boundary of the Wanganui Basin

Igneous Geology, Geochemistry, Volcanic Processes and Hazards

32	Platz T et al.	What does the colour of pumice tell us?
33	Lewis B et al.	Depositional processes and sedimentary fractionation in the formation of Tephra beds from pyroclastic eruptions: a study of Potaka and correlative Kaimaitira Pumice Sand deposits
34	Martin S et al.	Magmas of the 17,700 yr Rerewhakaaitu eruptive episode of Tarawera Volcanic Complex
35	Smith V et al.	Trends in rhyolite geochemistry, mineralogy, and magma storage during the last 50 kyr at Okataina and Taupo Volcanic Centres
36	Manville V et al.	Past highstands of Lake Rotorua: implications for tectonism and palaeogeography in the Taupo Volcanic Zone
37	O’Loan A et al.	Geology & structure of the Hauhungaroa Range, western Taupo Volcanic Zone
38	Martelli K	Computer modelling of the pyroclastic flow hazards of Mount Ngauruhoe, Tongariro Volcanic Centre, NZ
39	Hampton S & J Cole	Volcanic geology of the Orton Bradley formation
40	Turner M et al.	Working toward a high-precision record of Mt Taranaki eruptions and ash falls, New Zealand
41	Wilson T & J Cole	Impacts of tephra fall on a dairy farming operation at Rerewhakaaitu, eastern Taupo Volcanic Zone, New Zealand

Geological Hazards, Tectonic Geomorphology & Landscape Evolution

42	Barnes P & A Pallentin	Initial waveheight of landslide triggered tsunamis: application of a simplistic empirical approach
43	Mazengarb C	Regional landslide hazard assessments in Tasmania
44	Buech F et al.	Laboratory modelling of seismically triggered mountainside collapses
45	Pere V et al.	Antiscarp initiation and evolution
46	Pettinga J et al.	Late Quaternary large-scale rock-mass defect controlled landslides of eastern North Island, New Zealand: tectonic and climatic forcing in landscape evolution
47	Cave M	Mining-induced debris flow events in the Greymouth coalfield
48	Eusden J et al.	Structural geology and geodynamic modeling of linking faults in the Marlborough fault zone, South Island, New Zealand
49	Rahiman T & J Pettinga	The offshore morpho-structure of the Southeastern Viti Levu seismic source region, Fiji
50	Wilson K et al.	Mechanisms of late Quaternary forearc uplift: a case study of the northeastern Raukumara Peninsula, New Zealand

51	Tonkin P et al.	Soil stratigraphy of loessial sequences on coastal marine and river terraces, northeastern South Island, proxy records of tectonic and environmental change
52	Mason D et al.	A 15,000 year record of surface-rupturing earthquakes and fault slip at Saxton River, Awatere Fault, New Zealand
53	Cochran U & K Berryman	Potential for a 6000 year record of Alpine Fault earthquakes for Hokuri Creek, Southland.

Terrane Geology of the SW Pacific Region

54	Jugum D & R Norris	The relationship between the Caples and Dun Mountain Terranes
55	Scott J et al.	Petrology and tectonics of eastern Fiordland: some early results
56	Barker D et al.	Tectonic evolution of the South Fiji Basin: Unclos helps tackle regional tectonics
57	Savage J et al.	Provenance of Devonian Beacon Supergroup sediments in Southern Victoria Land, Antarctica

Quaternary Geology, Paleo-climates and Antarctica

58	Barrett P et al.	The Cape Roberts project: tectonic and climatic history of the Victoria Land Coast, Antarctica over the last 34 ma
59	Neil H & P Cooke	Preliminary evidence of deglacial ocean change in New Zealand's Subantarctic
60	Barrell D et al.	Towards a climate event stratigraphy for New Zealand over the past 30,000 years
61	Cole-Baker J et al.	Sedimentology and tephrochronology of last-glacial lake sediments and peat from South Westland
62	Palmer A et al.	The Griffens Road tephros: valuable marker beds in mapping the Quaternary of the Manawatu-Wanganui region
63	Mackay K et al.	The wild west: imaging West Coast sediment conduits
64	Nobes D et al.	From Kaikoura to Kaitorete: non-invasive geophysical mapping of Maori burial sites

Applied Geology

65	Cox S et al.	Pounamu resource assessment & characterization
66	Speed J	Geotechnical Investigations and groundwater monitoring for Wellington Inner City Bypass

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