

	Monday 5 December	Tuesday 6 December	Wednesday 7 December	Thursday 8 December	Friday 9 December
Symposia:	<u>Millennial Scale Climate Variability</u>	<u>Human-Environment Interactions</u>	<u>Mid-conference field trip</u>	<u>Coastal Dynamics & Processes</u>	<u>Extending tephros (EXTRAS): characterising, mapping, d</u>
830am		Kira Westaway When did humans become modern?	Field Trip	Patrick Moss Coastal Environments of Eastern Tasmania for the Last Millennia from High-Resolution Analysis of Salt Marsh Sediments	
850am	Jonathan Tyler Millennial scale variability in the East Asian Monsoon during the last 55,000 years recorded in the bulk organic geochemistry of	Anthony Romano North by Northwest: a palaeoenvironmental study of the archaeology in northwest Tasmania	Field Trip	Deirdre D. Ryan Mouth as inferred from the antecedent morphology of the last interglacial shoreline	Jenni L Hopkins Multi-criteria correlation of tephra deposits to source centres applied in the Auckland Volcanic Field, New Zealand
910am	John Tibby An environmental record through Marine Isotope Stage 3 from North Stradbroke Island, south-east Queensland, Australia	Lydia Mackenzie Late Holocene fire regimes and vegetation change in the South Wellesley Islands, tropical northern Queensland, Australia	Field Trip	Allen Gontz Cooloola Island - The Great "Lost" Sand Island of Southeast Queensland	Jan Lindsay Preparing for the next local volcanic eruption in Auckland, New Zealand
930am	Helen Bostock Millennial scale events from marine sediment cores in the SW Pacific during Marine Isotope Stage 3	Alexander Harpur Anthropogenic influences on the sedimentary evolution of the Coromandel Harbour	Field Trip	Alastair J.H. Clement Reconstructing Holocene relative sea-level changes in the New Zealand region: current challenges and future directions	Bianca Dickson Solving the Monkey Puzzle: Long term environmental history of Araucaria Araucana
950am	Shaun Eaves Millennial-scale climate variability during the last glacial termination recorded by New Zealand glaciers	Andrew Rees Testing lessons from the past: using paleoenvironmental data to define pre-human baselines at Lake Pounui, New Zealand	Field Trip	Daniel Ellerton The formation and evolution of the Cooloola Sand mass over the later Quaternary	Remedy C. Loame Using tephrochronology to reconstruct and date both fault rupture and hydrothermal activity at Whirinaki Fault, Taupo Rift, NZ
1010am	Chris Fogwill (Chris Turney) Antarctic ice sheet discharge driven by atmosphere-ocean feedbacks during the Last Termination	Marcus Vandergoes The rate of landscape transformation following Polynesian and European arrivals in the Makenzie Basin, South Island, New Zealand	Field Trip	Amy J. Dougherty Northland barriers provide records of sea level and storms during Late-Quaternary highstands	David J. Lowe Tephra seismites: a new tool to evaluate, date, map, and model paleoseismicity using tephra liquefaction in c. 20,000-year-old lake sediments in the Waikato region, New Zealand
1030am	Tea Break Tea Break	Tea Break Tea Break	Field Trip Field Trip	Tea Break Tea Break	Tea Break Tea Break
Symposia:	<u>Australasian peat deposits and their palaeoecological potential</u>	<u>The evolution and impact of ENSO over Australasia</u>	Field Trip	<u>Open Science</u>	<u>Open Science</u>
11am	Scott Mooney Twentieth Century changes in the fire regimes of high altitude ecosystems in eastern Australia: Evidence from long, multi-proxy records	Michela Mariani Quantifying land-cover changes from pollen in Tasmania: a Southern Hemisphere first	Field Trip	Rebecca Hamilton Forest, fire and monsoon feedbacks: insights from mainland south-east Asia	Heather A. Haines The Effect of Regional Variations in Rainfall on Reconstructing Precipitation Patterns Using Tree Rings
1120am	Len Martin A long peat-based palaeoclimate record in eastern Australia: change in response to westerly winds and sea-surface temperatures	Kristen K. Beck Terrestrial-aquatic ecosystems responses to ENSO in Tasmania	Field Trip	Rebecca Ballard Mapping the Bridgewater Formation, Nepean Peninsula, Victoria. A new technique using drones.	Christopher Kemp A new > 100,000 year Australian palaeoclimate record: Fern Gully Lagoon
1140am	Will Reynolds Monsoon-controlled environmental change in tropical north Australia inferred from an organic swamp deposit near Darwin	Michael-Shawn Fletcher Disentangling the role of people and ENSO on Australia's tropical savanna: a case study from near Darwin	Field Trip	Emily Field Evidence of regionally synchronous environmental and climatic change across the Kimberley during the Holocene	Sanja Van Huet Overview of Late Quaternary-aged fossil sites from the Nepean Peninsula, Victoria
12pm	Joss Ratcliffe Carbon accumulation in restiad peatlands	Cameron Barr A 7500 year history of El Niño-Southern Oscillation variability derived from a quantitative Australian precipitation record	Field Trip	Keynote Address: Matt McGlone <i>Ascarina lucida</i> and the climatic interpretation of the NZ Quaternary	Duanne White Tectonic drivers for river disequilibrium in the south-eastern highlands of Australia

1220pm	Paul Hesse	Exotic aerosols in the Falkland Islands: a record of South American dust and pollen transport to the South Atlantic since 13 ka
1240pm	Lunch	Lunch
1pm	Lunch	Lunch
120pm	Lunch	Lunch

Anthony Fowler	Prospects for a multi-millennial reconstruction of ENSO from kauri
Lunch	Lunch
Lunch	Lunch
Lunch	Lunch

Field Trip

Field Trip

Field Trip

Field Trip

Lunch	Lunch
Lunch	Lunch
Lunch	Lunch

Speleothems

Ellen Corrick	Speleothem records of millennial-scale climate events during the last glacial period: implications for ice core chronologies
Anthony Dosseto	Ancient times of a wetter Australia as recorded by speleothems of the Flinders Range
Andrew Pearson	Speleothems as high-resolution archives of soil carbon export in New Zealand
Quan Hua	Rainfall variability and temporal changes in the dead carbon fraction in an Indonesian speleothem
Russell Drysdale	The timing of glacial terminations from Corchia Cave (Italy) speleothem records

End of Day Sessions

End of Day Sessions

LEO ROTHACKER	Human impact overprints natural controls on soil systems in the Iron Age
Lunch	Lunch
Lunch	Lunch
Lunch	Lunch

140pm		
2pm	Tephras	
220pm	Poster Session 1: Coastal Dynamics & Processes	
240pm	Speleothems	
3pm	Afternoon tea	Afternoon tea
320pm	Afternoon tea	Afternoon tea

SHAPE	
Poster Session 2: Millennial-scale Variability	
Australasian Peats	
Afternoon tea	Afternoon tea
Afternoon tea	Afternoon tea

Field Trip

Field Trip

Field Trip

Field Trip

Field Trip

Field Trip

End of Day Sessions

End of Day Sessions

Open Science	
Poster Session 3: Human-environment interactions	
ENSO	
Afternoon tea	Afternoon tea
Afternoon tea	Afternoon tea

Symposia: SHAPE: Glacial Cycles and the LGM

Human-Environment Interactions

SHAPE: Interglacials and circulation

330pm	Peter Kershaw	Lake Wangoom - unfinished business
350pm	Rewi Newnham	Last Glacial pollen-climate reconstructions from Northland, New Zealand
410pm	Georgina Falster	Coherent millennial-scale hydroclimate variability in southern Australasia during the last glacial period
430pm	Tim Barrows	The last glacial maximum in Australasia
450pm	Jasper Knight	Re-evaluating the Last Glacial Maximum in southern Africa
510pm	Lynda Petherick	The Last Glacial Maximum in the Southern Hemisphere

Justine Kemp	Optical and U- series dating of the burial site and skeleton of Kiacatoo Man, New South Wales
Ethan Cochrane	Distinguishing Human-Induced and Natural Coastal Geomorphological Change: Late Holocene Case Studies from Fiji and Samoa
Craig Woodward	The effect of Maori deforestation on wetland hydrology, catchment erosion and eutrophication: a case study from the South Island
Keynote Address: Atholl Anderson	The role of climate change in South Polynesian colonization and cultural development AD 1200-1800

Field Trip

Field Trip

Field Trip

End of Field Trip End of Field Trip

Bus Departs from UOA for conference dinner

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Matt Ryan	Thresholds in vegetation cover during the super-humid MIS 11 interglacial from southwestern New Zealand
Greer Gilmer	Southern Hemisphere Westerly Winds and climate change at the Subantarctic Auckland Islands since the Late Glacial
Krystyna Saunders	Relationships between the Southern Hemisphere westerly winds, temperature and carbon dioxide during the Holocene
Joseph Prebble	Early Holocene ocean circulation in the Southwest Pacific
A/Prof Alan Hogg	Decadally-resolved Lateglacial radiocarbon evidence from New Zealand kauri
Elyssa De Carli	Unrecognised dammed Holocene palaeolake at the terminus of the Murray-Darling River Basin, Australia: palaeoclimate implications

End of Day Sessions

End of Day Sessions

530pm	End of Day Sessions	End of Day Sessions
6pm	<u>Public science lecture</u>	

End of Day Sessions	End of Day Sessions
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Public science lecture

630pm	Marcus Vandergoes	Lake Ohau Climate History (LOCH) project: A 17,000 year-long annually-resolved paleoclimate record and its potential to decipher the phasing of high frequency climate modes in Southern New Zealand.
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Chris Turney	Back to the Future: Last Interglacial Warmth and the Stability of the Antarctic Ice Sheets
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Conference dinner

7PM
8PM

830pm

Keynote
Address: Phil
Shane Long life of Rangitoto volcano
revealed by drilling

ating and applications