



LaRGE 2026

Landslide Risk & Geo-Education

27 APRIL - 3 MAY 2026

QUEENSTOWN, NEW ZEALAND



WORKSHOP PROGRAMME



AN INTERNATIONAL WORKSHOP OF JTC1 & JTC3



Landslide Risk & Geo-Education

27 APRIL - 3 MAY 2026

**An International Workshop of JTC1 & JTC3
QUEENSTOWN, NEW ZEALAND**



ORGANISING COMMITTEE



Ross Roberts
Convener



Chris Massey
JTC1 Liaison



Martin Brook
JTC3 Liaison



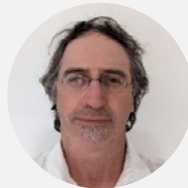
Lauren Foote
Treasurer & Sponsorship



Christoph Kraus
Young Professionals
liaison



Emilia Stocks
Programme



Anthony Miner
Australian
Geomechanics Society
Liaison



Doug Mason
Workshop and training
coordinator



Richard Justice
Local liaison &
workshop support



Blake Hoare
Social & training
support




Nick Roberts
Chair Scientific
Committee



Maddison Phillips
Field Trip Liaison

27 – 29 APRIL 2026

Pre-conference training and field trips

DATE	DETAILS	TIME/LOCATION
Sunday, 26 April 2026	InSAR: Radar interferometry workshop (Day 1 of 2) By Bernhard Rabus, Nick Roberts, Ian Hamling, Tim Wright, Andy Hooper	09:00 – 16.30 Millennium Hotel, Room 5
	IAEG Executive Meeting (Day 1 of 2)	Millennium Hotel, Room 1
Monday, 27 April 2026 (ANZAC DAY)	InSAR: Radar interferometry workshop (Day 2 of 2) By Bernhard Rabus, Nick Roberts, Ian Hamling, Tim Wright, Andy Hooper	08:30 – 16.30 Millennium Hotel, Room 5
	IAEG Executive Meeting (Day 2 of 2)	Millennium Hotel, Room 1
	Young professionals pre-conference networking event: 3 hr hike up Queenstown Hill Note: This event is <u>open to all delegates</u> (whether young professional or not), and we welcome everyone to attend! Lead: Christoph Kraus	Meet at: 14:00 at the Millenium Hotel lobby, or 14:30 at the trailhead carpark at 59 Belfast Terrace, Queenstown
Tuesday, 28 April 2026	Milford Sound field trip Lead: Tom Robinson <i>Buses will depart 15 minutes after the start time provided and will not wait if you are late.</i>	06:00 – 20:00 Bus will depart from Millennium Hotel
	Clyde Dam field trip Lead: Don Macfarlane, Romy Ridl <i>Buses will depart 15 minutes after the start time provided and will not wait if you are late.</i>	07:45 – 18:40 Bus will depart from Millennium Hotel
	Glenorchy field trip Lead: Tim van Woerden, Anna Punt, Ann Conroy <i>Buses will depart 15 minutes after the start time provided and will not wait if you are late.</i>	08:15 – 16:30 Bus will depart from Millennium Hotel
Wednesday, 29 April 2026	Land use planning for landslide risk reduction By Wendy Saunders (NHC), Scott Kelly (ESNZ)	09:00 – 16.30 Millennium Hotel, Galaxy I
	Slope stability in practice: Exploring the NZGS Guidance Units By Richard Justice, Eleni Gkeli, Alan Wightman, Tom Revell, Naomi Norris	08:30 – 17:00 Millennium Hotel, Galaxy II
	Emergency response for geoprofessionals By Rori Green, Jan Kupec, John Seward	09:00 – 16.30 Millennium Hotel, Room 4
	Engineering geological models for landslides By Mark Eggers, Ross Roberts, Christoph Kraus, Katie Jones, Ann Williams	08:45 – 17.00 Millennium Hotel, Room 5
	Welcome function We'll start this workshop conference with our welcome function <i>Sponsored by Riley Consultants</i> 	18:00 – 20:00 Millennium Queenstown Hotel, Observatory Restaurant

THURSDAY, 30 APRIL 2026

Conference Day 1: Data and advanced techniques

07:30 – 17:15	Registration desk open (near Hotel Reception)
08:00 – 08:30 Galaxy I & II	Opening ceremony and welcome from FedIGS President – Chungsik Yoo Chaired by Ross Roberts (Convenor) and Emilia Stocks (NZGS)
08:30 – 09:15 Galaxy I & II	Panel discussion: Introducing the problem – JTC1 & JTC3 perspectives on what this workshop needs to achieve Panel: Jo Horrocks (NHC), Jean Hutchinson (JTC3), Gonghui Wang (JTC1) Chaired by Ann Williams
09:15 – 10:00 Galaxy I & II	Keynote - Xuanmei Fan Chaired by Darren Paul
10:00 – 10:30 Galaxy III & Gallery	Morning tea
10:30 – 11:00 Galaxy I & II	Oral presentations Session 1: Landslide data: databases, screening & process understanding Chaired by Nick Roberts

Quick-fire presentation

- Integration of Seismic techniques and near-surface geotechnical methods for less-invasive colluvial slope investigation by **Bagaskara Widi Nugroho**, Craig O'Neill, Chaminda Gallage
- Preliminary Canadian Landslide Database: methodology and initial observations by **Drew Brayshaw**, Marc-Andre Brideau, Carie-Ann Hancock, Panya Lipovsky, Derek Cronmiller, Antoni Lewkowicz, Marten Geertsma, Hazel Wong-Tiechrob, Gareth Wells, Cory McGregor, Dwayne Tannant, Pierre Friele, Jennifer Clarke
- New Zealand Landslide Database: the recently upgraded version 2 by **Regine Morgenstern**, Brenda Rosser, Biljana Lukovic, Alec Zoeller, Phil Scadden, Zoey Chen, Simon Cox, Chris Massey, Sara Harrison
- Fiji Landslide Database; status and current collaborations by **Samisoni Raiwalui**, Mika Seru
- Low-cost application of SAR and multispectral satellite imagery for landslide prioritisation ranking of indigenous villages in Malaysia by **Ahmad Daniel Razali**, Mohamad Faruq Syahmi Md Aripin, Mohammad Zarul Syahir Mohd Norsiman, Abd Rasid Jaapar, Hisam Ahmad, Mohd Farid Abdul Kadir, Muhamad Abu Bakar, Nurhana Esa
- Historical causes, current stability, and risk prediction of a paleolandslide in a Lancang River Gushui Hydropower reservoir by **Yongchao Li et al.**
- Applications of historical records of landslide and flood fatalities in Italy by **P. Salvati**, M. Rossi, C. Bianchi, G. Esposito, F. Guzzetti
- Numerical investigation into the runout dynamics of reservoir landslides by **X.D. Yang**, B. Li, P.G. Zhou and H. Fang

11:00 – 12:30 Galaxy I & II	Project workshop: Landslide Watch NZ Chaired by Chris Massey and Ian Hamling (ESNZ)
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THURSDAY, 30 APRIL 2026

Conference Day 1: Data and advanced techniques

12:30 – 13:10 Galaxy III & Gallery	Lunch
13:10 – 14:25 Galaxy I & II	Oral presentations Session 2: Rainfall-triggered landslides: forecasting, susceptibility & impacts Chaired by Doug Mason

Traditional presentations

- Copula-based predictive modelling of rainfall-induced rockfall hazard in coastal cliffs by Farshad Bahootoroody, Anna Giacomini, Klaus Thoeni, Davide Guccione, **Abigail Watman**, Weijia Zhang, D.V. Griffiths
- Dynamic daily rainfall-driven temporal landslide susceptibility mapping utilising InSAR and machine learning in Kerala, India by Skevi Perdikou, Divya Sekhar Vaka, Vipin Maurya, Bala Raju Nela, Vishnu Yaragunda, **Andrew Lees**
- Rainfall-induced landslide vulnerability functions for timber-frame dwellings in Aotearoa New Zealand by **Sheng-Lin Lin**, Andrea Wolter, Yaseen Mahmood, Luke Easterbrook-Clarke, Andrew Boyes, Biljana Lukovic, Chris Massey, Ross Roberts, Lynette Penrose-Wallace, Isabella Penrose

Quick-fire presentation

- Geomorphology-based terrain analysis and GIS-derived shadow angles for landslide susceptibility assessment by **Tim Nash**, Mark Eggers, Christine Lion
- A rigorous approach for quantifying annual probability of rainfall-induced landslides by **Xin Liu**, Yu Wang, Dianqing Li
- Climate-intensified internal erosion in tropical slopes: quantifying a major pathway to landslide initiation by **Nor Shahidah Mohd Nazer**, Azlan Shah Nerwan Shah
- Mechanism of shallow landslides on the slope covered by arbors: coupling of heavy rainfall and wind load during typhoons by **Haiqing Song**, Haibo Miao, Zhishu Yao, Chuanxin Rong, Guangqiang An
- A national catalogue of rainfall-induced landslides in Italy: the e-ITALICA example by **S. Peruccacci**, S.L. Gariano, M. Melillo, M.T.B Brunetti

14:25 – 15:10 Galaxy I & II	Keynote - Janusz Wasowski From capability to practice: Why spaceborne InSAR remains underutilized in preventive landslide hazard management – lessons from Italy Chaired by Nick Roberts
15:10 – 15:35 Galaxy III & Gallery	Afternoon tea

THURSDAY, 30 APRIL 2026

Conference Day 1: Data and advanced techniques

15:35 – 16:50 Galaxy I & II	Oral presentations Session 3: From Field Data to 3D Models: Modern slope hazard practice Chaired by Darren Paul
Traditional presentations	
<ul style="list-style-type: none"> Nationwide InSAR ground deformation monitoring for landslide hazard assessment in New Zealand by Jennifer Scoular, Nicholas Dodds, Ian Hamling, Chris Massey, Karsten Spaans, Tom Ingleby Engineering geology applications of digital techniques within slope remediation design in Queensland, Australia by Ryan O'Neill Understanding shallow instability and sediment dynamics in the Kaikōura Canyon using bathymetric differencing and geomorphic mapping by Laura Gnesko, Tim Stahl, Jamie Shulmeister, Jonathan Carey, Joshu Mountjoy Experience with hazard classifying 120+ unstable rock slopes in Norway and new ideas of developing the classification forward by Reginald Leonhard Hermanns, Martina Bohme, Kjetil Indrever, Jacob Bendle, Einar Anda, Sylvain Fiolleau, Gokhan Aslan 	
Quick-fire presentation	
<ul style="list-style-type: none"> Investigating the effect of cyclic wetting and drying on coastal sandstone: A case study from Newcastle (NSW), Australia by Gamsavi Kanagasundaram, Anna Giacomini, Olivier Buzzi, Davide Guccione, Jubert Pineda, Silvia Frisia Investigating instability of a sandstone column with 3D kinematic stability analyses by Abigail Watman, Davide Guccione, Anna Giacomini, Klaus Thoeni 3D rockfall modelling in complex karst environments using SLAM LiDAR: A case study from Jenolan, NSW by Richard Brehaut, Mark Eggers, Ben Alsop, Cecilia Du Resolving complex landslide kinematics with high-resolution InSAR and DEMs across New Zealand by Richard Harvey, Tim Wright, Andy Hooper, Ian Hamling, Chris Massey, Tom Ingleby Linking landsliding to surface denudation on a bedrock-dominated hillslope using ¹⁰Be modelling: A weathering profile perspective from the eastern margin of Tibetan Plateau by W. Wei, Y. Matsushi, H. Matsuzaki, S.X. Ling and X.Y. Wu A probabilistic rainfall-triggered shallow landslide impact framework considering climate change by Livio Dreyer, Thomas Robinson, Marwan Katurji, James Williams, Kerry Leith 	
16:50 – 17:05 Galaxy I & II	Engineering Geology Education in Nepal: Overcoming Tradition, Shaping the Future of Infrastructure by Prof. Dr. Ranjan Kumar Daha Chaired by Gonghui Wang
17:05 – 17:50 Galaxy I & II	Hutchinson Lecture Dr. Yifei Cui - Interpreting dynamic processes and early warning of debris flows based on seismic signals Chaired by Gonghui Wang
17:50 – 18:00 Galaxy I & II	Day close Chaired by Gonghui Wang and Ross Roberts
19:00 – late Walter Peak High-Country Farm	Gala dinner Note: Delegates will travel to the venue across Lake Whakatipu aboard the iconic century-old TSS Earnslaw, a coal-fired steamship Arrive at least 15 minutes before 19.00 Departure time for TSS Earnslaw from the RealNZ Visitor Centre on Steamer Wharf

FRIDAY, 1 MAY 2026

Conference Day 2: Risk to policy

07:30 – 17:15	Registration desk open (near Hotel Reception)
07:45 – 07:50 Galaxy I & II	Day opening Chaired by Emilia Stocks
07:50 – 08:35 Galaxy I & II	Keynote - Nicola Casagli (online) Earth observation and multi-platform radar technologies for landslide risk prevention Chaired by Chris Massey
08:35 – 10:00 Galaxy I & II	Oral presentations Session 4: Policy, planning & national landslide risk reduction Chaired by Chris Massey

Traditional presentations

- Regulatory landslide hazard zoning in New Caledonia: integrating temporal probability in a quantitative framework by [Yannick Thiery](#), Bastien Colas, Mathieu Mengin, Yaël Guyomard, Melody Premaillon, Marion Edet, Meylie Legoedec, Perrine Yvrard, Olivier Monge, Vincent Mardhel
- Building a national coordination structure to reduce and manage landslide risk: insights from the U.S. National Landslide Hazard Reduction Program by [Jenny Riker](#), Jonathan Godt, Corina Cerovski-Darriau, Sarah Hall, Stephen Slaughter
- U.S. National Strategy for landslide loss reduction by [Jonathan Godt](#), Jenny Riker, Corina Cerovski-Darriau, Stephen Slaughter
- Landslides resulting from glacier preconditioning followed by debuttering by [Noah Finnegan](#), Bretwood Higman, Ben Gaglioti

Quick-fire presentation

- Assessing global landslide risk tolerance: a stocktake of expert perspectives by [Ross Roberts](#), Jean Hutchinson, Ranjan Dahal, Darren Paul
- Understanding natural hazard risk tolerance to inform land use planning by [Tian Liu](#), Nicholas Lau, [Ross Roberts](#)
- Using the Forestry Catchment Planner to manage sediment discharges from forestry clearfelling by [Mark Bloomberg](#), Matt Deering, Brenda Rosser, Rob Besaans, Horacio Bown
- Three decades of landslide management: Lessons from the Isle of Wight Undercliff, UK by [Roger Moore](#), Claire Czarnomski
- Strengthening national geohazard resilience: Fiji's Geohazard Emergency Response Team (GERT) by [Agnes Peter](#)
- Economic consequences of landslides: insights from the Auckland case study by [Stefania Mattea](#), [Garry McDonald](#), Robert Campos Cardwell
- Landslide early warning model based on temperature-rainfall dual parameters in Xinjiang, China by [S.D. Li](#), Y.X. Wang, H. Bian, X.S. Chen, S.W. Ma, X.K. Sun, B. Zheng, J.M. He and X. Li
- 100,000 landslides in a year of storms and we're still counting! by [Murray Cave](#) and Tom Robertshaw

10:00 – 10:30 Galaxy III & Gallery	Morning tea
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FRIDAY, 1 MAY 2026

Conference Day 2: Risk to policy

10:30 – 12:05 Galaxy I & II	Oral presentations Session 5: From hazard assessment to mitigation Chaired by Gonghui Wang Sponsored by GHD	
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Traditional presentations

- Advancing debris-flow risk management during barrier construction: the Cheekeye case study by [Karlee Isfeld](#), [Michael Shynkaryk](#), [Théo St.Pierre](#), [Raffael Zingg](#), [Jenni Green](#)
- Use of the variable energy DCP Panda for landslide risk assessment and slope analysis by [Robin Power](#), [David Lacey](#), [Miguel Angel Benz Navarrete](#), [Scott Williams](#)
- Disturbance-induced disasters of major engineering projects on the Qinghai-Tibet Plateau by [Shengwen Qi](#)

Quick-fire presentation

- Debris flow susceptibility and risk assessment using Flow-R Model in South Titirangi, New Zealand by [Rajitha Sachinthaka](#), [Roohollah Kalatehjari](#), [Martin Brook](#)
- Landslides: research to mitigation measures by [Avirut Chinkulkijniwat](#), [Cholticha Jeebtaku](#), [Somjai Yubonchit](#), [Rattana Salee](#), [Mongkol Jiravachradej](#), [Annop Prawatwong](#)
- Geotechnical characterisation of a deep-seated compound translational rockslide in Otago Schist, Queenstown Hill, New Zealand by [Laura Gnesko](#), [Tim Stahl](#), [David Bell](#)
- Reflections on early-stage recovery following major earthquake-generated landslides by [Paul Horrey](#)
- Construction excellence in extreme conditions: a contractor's perspective on the Diana Falls rockfall protection system by [Sean McNamara](#)
- Preliminary investigation of the seismic damage mechanism of the Yufeng Weir revetment in Tainan, Taiwan, during the 2016 Meinong Earthquake by [Yuan-Chang Deng](#), [Chih-Chieh Lu](#), [Jin-Hung Hwang](#)
- A quantitative risk assessment framework for railway slopes in mountainous terrain by [Moon-Soo Song](#), [Joon-Seo Lee](#), [Sang-Guk Yum](#), [Yeong Tae Choi](#), [Sung Jin Lee](#), [Chan-Young Yune](#)
- Lessons learned from rapid FOSAL assessments following severe weather events in Tairāwhiti, New Zealand by [Rob Haskell](#), [Caleb Gasston](#), [Angus Chapman](#)
- USGS Landslide Disaster Assistance Team (LDAT): reducing risk through international partnerships by [Corina Cerovski-Darriau](#), [Jenny Riker](#), [Fritz Gallen](#), [Agnes Peter](#), [Mario Reyes Martinez](#), [Mika Seru](#), [Jonathan Godt](#)
- Field-scale study of impact dynamics on post-fire debris flow against V-shaped diversion by [Kaili Chen](#), [Mohammad Sadeghi](#), [Meichen Liu](#), [Noorul Hadi](#), [Minghe Wang](#), [Shenghui Wang](#), [Nuo Chen](#), [Xinglong Gong](#), [Feihong Gao](#), [Yihan Wang](#), [Wei Ji](#), [Zheng Wei](#), [Clarence Choi](#)
- Anticipating and adapting to toe erosion: a hybrid slope remediation case study in North Island, New Zealand by [Hai An Nguyen-Bui](#), [Kori Lentfer](#)
- DEM simulation of bridge collapse under the impact of rock avalanches by [B. Li](#), [X.D. Yang](#), [P.G. Zhou](#) and [W.P. Gong](#)
- Data-driven susceptibility assessment of geological hazards in the complex mountainous regions of southwestern China by [Y.F. Tian](#), [Z. Feng](#), [L. Chen](#) and [C.G. Song](#).
- Susceptibility Assessment of Shallow Landslides in the Loess Area of China Based on a Coupled Model of Physical Mechanism and Parameter Probability by [Z. Feng](#), [Y.F. Tian](#), [W.Feng](#) and [L. Chen](#).

12:05 – 12:50 Galaxy III & Gallery	Lunch
12:50 – 14:35 Galaxy I & II	Project workshop: ANZ Landslide Risk Assessment Guidelines Chaired by Darren Paul (WSP) & Tony Miner (GHD)
14:35 – 15:00 Galaxy III & Gallery	Afternoon tea

FRIDAY, 1 MAY 2026

Conference Day 2: Risk to policy

15:00 – 16:30 Galaxy I & II	Oral presentations Session 6: Landslide risk management Chaired by Richard Justice
Traditional presentations	
<ul style="list-style-type: none"> A new process-based regional landslide debris inundation hazard and risk model: insights from the West Coast of the South Island of Aotearoa/NZ by Kerry Leith, Saskia de Vilder, Chris Massey, Biljana Lukovic, Sharon Hornblow Bedrock landslide susceptibility model for the Wakatipu Basin by Blake Hoare, Richard Justice Quantifying risk from slow-moving landslides by Michael Porter 	
Quick-fire presentation	
<ul style="list-style-type: none"> Landslide mitigation in fractured rock and steep urban slopes: lessons from Wellington, New Zealand by Eleni Gkeli, Guna Mookaiya, Jarrod Forde, Faiz Tawfeek Resilience-driven landslide risk management: a triage approach on local roads in Waikato District by Kori Lentfer, Hai-An Nguyen Bui Marlborough Roads – using risk tolerance as a driver for landslide assessment, investigation and remedial design by Dan Chamberose Landslide risk management for the roading infrastructure in the Bay of Plenty, New Zealand – A decade of lessons learnt by Pedro Martins Landslide risk management in practice: slope remediation along Hornsey Road, Wellington by Razel Ramilo, Kate Williams, Jono Sorley Self-excavating ECBF in the Northern Landslide Zone: the impact of the Northland Allochthon thrust by Rhys Graaflhuis, Susan Tilsley A practical framework for regional landslide susceptibility assessment by Kim Martelli, Doug Mason, Danielle Barnhill, Melissa Goldsworthy, Benjamin Simons, Pathmanathan Brabhakaran, M.C. Ivamy Landslide susceptibility assessment for the Auckland region by Doug Mason, Pathmanathan Brabhakaran, Ross Roberts Advances in landslide risk management on New Zealand state highways by Sigfrid Dupre The role of capillary water absorption and fracture development in rainfall-induced landslides of red-bed mudstone slopes by J.J. Feng, X.Y. Wu and S.X. Ling Key technologies for multi-scale dynamic risk prevention and control of rainfall-induced geohazards in Southern China by P.G. Zhou, Y.P. Wu, X.D. Yang, C. Feng, Z.Q. Tian, Y.H. Liu and B. Li Shear and size-segregation behaviour of bi-disperse granular materials in ring shear test by Y.X. Luo and G.H. Wang Dimensionality-increasing technique for 3D slope stability analysis by H. Zheng, P.W. Jiang, Z.H. Zhang 	
16:30 – 17:00 Galaxy I & II	Keynote - Tim Davies The role of probabilistic risk in landslide disaster reduction Chaired by Richard Justice
17:00 – 17:15 Galaxy I & II	Relaunch of the Professional Master of Engineering Geology at UC Presented by Katherine Yates and Ellen Robson
17:15 – 17:30 Galaxy I & II	Day close Chaired by Ann Williams and Ross Roberts
18:00 – 19:00 + networking and refreshments Millennium Queenstown Hotel, Observatory Restaurant	Young professionals event: Career pathways panel discussion, followed by networking and refreshments Note: This event is open to all delegates (whether young professional or not), and we welcome everyone to attend! Panel: Jean Hutchinson , Jo Horrocks , Ross Roberts , Ann Williams , Romy Ridl Chaired by Christoph Kraus Sponsored by Innovative Geomechanics Inc.



SATURDAY, 2 MAY 2026

Conference Day 3: Communications, outreach & education

07:30 – 17:15	Registration desk open
07:45 – 08:00 Galaxy I & II	Day opening A tribute to David Bell: a luminary of engineering geology education in New Zealand Romy Ridl and Laura Gnesko Chaired by Mark Eggers
08:00 – 10:00 Galaxy I & II	Project workshop: Hōretireti Whenua – Sliding Lands Chaired by Saskia de Vilder & Emma Hudson-Doyle
10:00 – 10:30 Galaxy III & Gallery	Morning tea
10:30 – 11:15 Galaxy I & II	Keynote - Dave Petley Communicating landslide hazard and risk: the greatest challenge for the mass movement community Chaired by Martin Brook
11:15 – 12:45 Galaxy I & II	Oral presentations Session 7: Landslide education, training & outreach Chaired by Martin Brook

Traditional presentations

- The evolving nature of communication in geo education by **Catherine Peryer**, Anthony Miner, Chris Coulson
- Supporting the growth and development of the geoprofessional sector in New Zealand by **Liam Wotherspoon**, Eleni Gkeli, Christoph Kraus, Martin S. Brook, Kaley Crawford-Flett
- Geoscience education in action: developing tools and training for landslide risk management in NSW national parks by **Brian Leahy**, Richard Brehaut, Tim Nash, Mark Eggers
- Scenario-based roleplay games for hazard resilience education: a transferable model for landslide hazard contexts by **Anne Gold**, Katya Schloesser, Chelsea Zaniboni, Megan Littrell, Karla Lemus Gordillo
- Using 3D digital geological models to support geo-education by **Christoph Kraus**, Sam Webber

Quick-fire presentation

- A small scale shake table for geoscience education, outreach & promotion by **Paul Jaquin**, Nigel Ede, Tannin Heeley
- Practical guidance series on geomorphic landslide characterisation and mapping by **Nick Roberts**, Anthony Miner
- Detailed, site-scale geomorphic interpretation for characterisation of a medium-sized landslide by **Nick Roberts**, Anthony Miner
- Energy Resources Engineering Education at Seoul National University, Korea by **Ki-Bok Min**, Eunhye Chung
- Engaging students in citizen science activity for geohydrological risk awareness: An Italian case study by **P. Salvati**, G. Esposito, I. Marchesini, D. Molinari, M. Sessa, S. Sterlacchini
- Safe Haven – Landslides: board game and educational module for landslide risk awareness by **Michele Calvello**, Guido Rianna, Maria Vittoria Gargiulo, Laurens Oostwegel

12:45 – 13:30 Galaxy III & Gallery	Lunch
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 Interactive project workshops	 Keynote lectures	 Panel discussions	 Poster session and food breaks
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SATURDAY, 2 MAY 2026

Conference Day 3: Communications, outreach & education

13:30 – 15:00 Galaxy I & II	Oral presentations Session 8: Communicating uncertainty & thresholds in landslide risk Chaired by Jean Hutchinson
<p>Traditional presentations</p> <ul style="list-style-type: none"> Evaluating the rainfall-induced landslide forecasts issued during the 2023 severe weather events by Sara Harrison, Sally Potter, Mary Anne Clive, Emma Hudson-Doyle, Nick Horspool Using personas to bridge the communication gap between landslide science and end-users: the Sliding Lands Project by Charlotte Brown, Emma Hudson-Doyle, Catalina Miranda, Cara Ross-Donald Communication challenges in landslide models: insights from literature and practice by Anish Khanal, Emma Hudson-Doyle, Mary Anne Clive, Saskia de Vilder Integrating people's perspectives into systemic landslide vulnerability assessment in Aotearoa New Zealand by Jayaprakash Selvarajah, Julia Becker, Emma Hudson-Doyle, Catalina Miranda Public understanding, risk perception, and mitigation preferences for landslides in Aotearoa New Zealand by Lauren Vinnell, Emma Hudson-Doyle, Julia Becker, Saskia de Vilder <p>Quick-fire presentation</p> <ul style="list-style-type: none"> Supporting landslide training, education, and outreach through the 'Australasian 3D Geomorphology Library' by Nick Roberts Suitability modelling spatial analysis heatmap technique for geohazard rockfall assessment in mountainous region of the Kingdom of Saudi Arabia by Hendrik Lukas Marthinus Mathee, Luke Brouwers Geomorphic zonation and geotechnical characterisation of the Coronet Peak landslide at Arthurs Point, Queenstown by Kuba Rozmus, Doug Mason, David Bell A decision support tool to assist threshold setting in regional hazard assessments by Kerry Leith, Edith Bretherton, Scott Kelly, Sharon Hornblow A DEM study on macro-micro mechanisms of cyclic liquefaction paths in sandy soils by J. Zhao, G. Wang and Z. Zhu 	
15:00 – 15:30 Galaxy III & Gallery	Afternoon tea
15:30 – 16:15 Galaxy I & II	Keynote – Manchao He Nonlinear complex systems analysis and landslide prediction Chaired by Chris Massey
16:15 – 17:00 Galaxy I & II	Panel: Communicating landslide risk Including short presentation "Experiences with landslide risk management in Norway: a country with strong governmental involvement in hazard mapping and a detailed legal framework (Reginald Hermans)" Panel: Reginald Hermans, Lori Peek, Sally Potter Chaired by Dave Petley
17:00 – 17:45 Galaxy I & II	Day and conference close including playback: pre-recorded 90-second video summaries (from SAVVY express training) Chaired by Jean Hutchinson and Ross Roberts

SUNDAY, 3 MAY 2026

Post-conference field trip

11:15 – 17:00	Viticulture from landslides - the impact of terroir Lead: Chris Massey, Richard Justice and Simon Cox <i>Buses will depart 15 minutes after the start time provided and will not wait if you are late.</i>
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POSTERS

Note: Posters are displayed in Galaxy I+II & Gallery

Thursday, 30 April 2026 - Saturday, 2 May 2026

#	POSTER TOPIC AND AUTHORS
6	Preliminary investigation of the seismic damage mechanism of the Yufeng Weir revetment in Tainan, Taiwan, during the 2016 Meinong Earthquake by Yuan-Chang Deng , Chih-Chieh Lu, Jin-Hung Hwang
7	Three decades of landslide management: lessons from the Isle of Wight Undercliff, UK by Roger Moore , Claire Czarnomski
8	Debris flow susceptibility and risk assessment using Flow-R Model in South Titirangi, New Zealand by Rajitha Sachintha , Roothollah Kalatehjari, Martin Brook
11	Anticipating and adapting to toe erosion: a hybrid slope remediation case study in North Island, New Zealand by Hai An Nguyen-Bui , Kori Lentfer
12	New Zealand Landslide Database: the recently upgraded version 2 by Regine Morgenstern , Brenda Rosser, Biljana Lukovic, Alec Zoeller, Phil Scadden, Zoey Chen, Simon Cox, Chris Massey, Sara Harrison
15	Resilience-driven landslide risk management: a triage approach on local roads in Waikato District by Kori Lentfer , Hai-An Nguyen Bui
16	A quantitative risk assessment framework for railway slopes in mountainous terrain by Moon-Soo Song , Joon-Seo Lee, Sang-Guk Yum, Yeong Tae Choi, SUNG JIN LEE , Chan-Young Yune
17	Safe Haven – Landslides: board game and educational module for landslide risk awareness by Michele Calvello , Guido Rianna, Maria Vittoria Gargiulo, Laurens Oostwegel
19	A rigorous approach for quantifying annual probability of rainfall-induced landslides by Xin Liu , Yu Wang, Dianqing Li
21	Climate-intensified internal erosion in tropical slopes: quantifying a major pathway to landslide initiation by Nor Shahidah Mohd Nazer , Azlan Shah Nerwan Shah
23	A small scale shake table for Geoscience education, outreach & promotion by Paul Jaquin , Nigel Ede, Tannin Heeley
25	Suitability modelling spatial analysis heatmap technique for geohazard rockfall assessment in mountainous region of the Kingdom of Saudi Arabia by Hendrik Lukas Marthinus Mathee , Luke Brouwers
26	Landslides: research to mitigation measures by Avirut Chinkulkijniwat , Cholticha Jeebtaku, Somjai Yubonchit, Rattana Salee, Mongkol Jiravachradej, Annop Prawatwong
30	Advances in landslide risk management on New Zealand state highways by Sigfrid Dupre
37	Parameterising QMAP: can we attach geotechnical and geophysical material properties to geological map units? by Katie Jones
45	Resolving complex landslide kinematics with high-resolution InSAR and DEMs across New Zealand by Richard Harvey , Tim Wright, Andy Hooper, Ian Hamling, Chris Massey, Tom Ingleby
47	A case of geo engineering education at the department of energy resources engineering, Seoul National University by Ki-Bok Min

POSTERS

Note: Posters are displayed in Galaxy I+II & Gallery

Thursday, 30 April 2026 - Saturday, 2 May 2026

#	POSTER TOPIC AND AUTHORS
51	Preliminary Canadian Landslide Database: methodology and initial observations by Drew Brayshaw , Marc-Andre Brideau, Carie-Ann Hancock, Panya Lipovsky, Derek Cronmiller, Antoni Lewkowicz, Marten Geertsma, Hazel Wong-Tiechrob, Gareth Wells, Cory McGregor, Dwayne Tannant, Pierre Friele, Jennifer Clarke
55	Construction excellence in extreme conditions: a contractor's perspective on the Diana Falls rockfall protection system by Sean McNamara
56	Marlborough Roads – Using risk tolerance as a driver for landslide assessment, investigation and remedial design by Dan Chamberose
57	Using the Forestry Catchment Planner to manage sediment discharges from forestry clearfelling by Mark Bloomberg , Matt Deering, Brenda Rosser, Rob Besaans, Horacio E. Bown
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59	Economic consequences of landslides: insights from the Auckland case study by Stefania Mattea , Garry McDonald , Robert Campos Cardwell
60	Mechanism of shallow landslides on the slope covered by arbors: coupling of heavy rainfall and wind load during typhoons by Haiqing Song , Haibo Miao, Zhishu Yao, Chuanxin Rong, Guangqiang An
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63	A decision support tool to assist threshold setting in regional hazard assessments by Kerry Leith , Edith Bretherton, Scott Kelly , Sharon Hornblow
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70	USGS Landslide Disaster Assistance Team (LDAT): reducing risk through international partnerships by Corina Cerovski-Darriau , Jenny Riker, Fritz Gallen, Agnes Peter, Mario Reyes Martínez, Mika Seru, Jonathan Godt
73	Landslide risk management for the roading infrastructure in the Bay of Plenty, New Zealand – A decade of lessons learnt by Pedro Martins
76	Geotechnical characterisation of a deep-seated compound translational rockslide in Otago Schist, Queenstown Hill, New Zealand by Laura Gnesko , Tim Stahl, David Bell
78	Landslide susceptibility assessment for the Auckland region by Doug Mason , Pathmanathan Brabhakaran, Ross Roberts
81	Landslide risk management in practice: slope remediation along Hornsey Road, Wellington by Razel Ramilo , Kate Williams, Jono Sorley
82	Supporting landslide training, education, and outreach through the 'Australasian 3D Geomorphology Library' by Nick Roberts

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86	Geomorphic zonation and geotechnical characterisation of the Coronet Peak landslide at Arthurs Point, Queenstown by Kuba Rozmus , Doug Mason, David Bell
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92	100,000 landslides in a year of storms and we're still counting! by Murray Cave and Tom Robertshaw
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102	Understanding natural hazard risk tolerance to inform land use planning by Tian Liu, Nicholas Lau, Ross Roberts
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112	Geomorphology-based terrain analysis and GIS-derived shadow angles for landslide susceptibility assessment by Tim Nash , Mark Eggers, Christine Lion
117	Strengthening national geohazard resilience: Fiji's Geohazard Emergency Response Team (GERT) by Agnès Peter
118	Fiji Landslide Database; status and current collaborations by Samisoni Raiwalui , Mika Seru
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125	Linking landsliding to surface denudation on a bedrock-dominated hillslope using 10Be modeling: A weathering profile perspective from the eastern margin of Tibetan Plateau by W. Wei , Y. Matsushi, H. Matsuzaki, S.X. Ling and X.Y. Wu
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127	Shear and size-segregation behavior of bi-disperse granular materials in ring shear test by Y.X. Luo and G.H. Wang
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134	Landslide mitigation in fractured rock and steep urban slopes: lessons from Wellington, New Zealand by Eleni Gkeli , Guna Mookaiya, Jarrod Forde, Faiz Tawfeek
136	Field-scale study of impact dynamics on post-fire debris flow against V-shaped diversion by Kailli Chen , Mohammad Sadeghi, Meichen Liu, Noorul Hadi, Minghe Wang, Shenghui Wang, Nuo Chen, Xinglong Gong, Feihong Gao, Yihan Wang, Wei Ji, Zheng Wei, Clarence Choi
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138	Applications of historical records of landslide and flood fatalities in Italy by Paola Salvati , Mauro Rossi, Cinzia Bianchi, Giuseppe Esposito, Fausto Guzzetti
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153	Historical causes, current stability, and risk prediction of a paleolandslide in a Lancang River Gushui Hydropower reservoir by Yongchao Li et al.
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157	Data-driven susceptibility assessment of geological hazards in the complex mountainous regions of southwestern China by Y.F. Tian , Z. Feng, L. Chen and C.G. Song
158	Susceptibility Assessment of Shallow Landslides in the Loess Area of China Based on a Coupled Model of Physical Mechanism and Parameter Probability by Z. Feng , Y.F. Tian, W.Feng and L.



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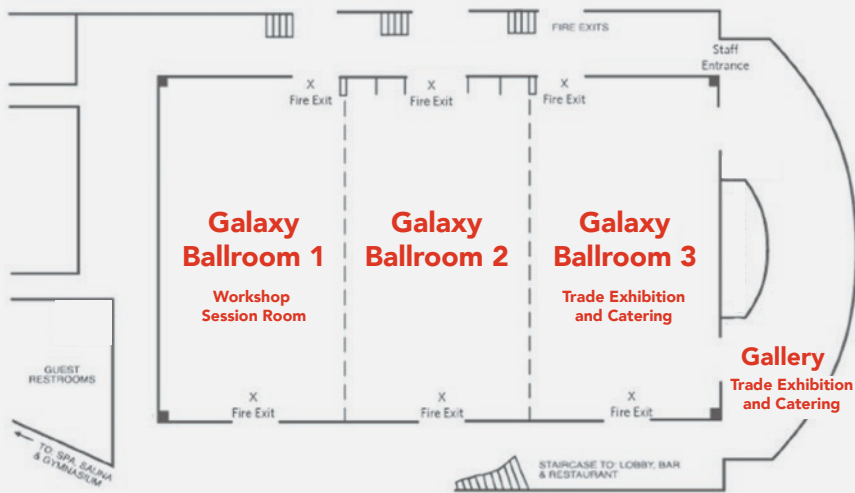
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