



JOIN US TO GO BEYOND MAPPING

Advances in GIS that combine spatial with IoT, Big Data, and Machine Learning are taking GIS beyond mapping, turning spatial information into insight and action through the use of maps, apps, and analysis. Where might this take us? Join us at the 2018 NZEUC to explore this future.

This year we welcome the return of [Chris Cappelli](#) along with [Paul Ross](#) and [Brett Dixon](#) from Esri, all of whom will share their enormous expertise and experience with ArcGIS.

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[Eagle Technology](#) is the Official Esri Distributor for New Zealand, providing services, support, and training for the ArcGIS platform.

NZEUC 2018 – AGENDA

Please note that all plenary and keynote sessions will be held in the Main Presentation Room: NZ1&2.

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	Monday, 20 August 2018
9:30 -12:00	Pre-Conference Workshops and Special Interest Groups
12:00 – 12:45	Lunch
1:00	Conference Opening
1:00 – 1:10	Conference Welcome and Opening Remarks
1:10-2:30	Plenary – Beyond Mapping With an initial overview of our vision for GIS and how it can be applied to the many challenges that we face in New Zealand, this session will also take us through a tour of the ArcGIS technology— including Online, Enterprise, Desktop, Apps, and Solutions—and how it can be applied to your organisation.
2:30-3:00	Afternoon tea – PROMENADE area
3:00-4:30	Plenary – continued
4:30-6:00	Welcome Function – EXPO opening

	Tuesday, 21 August 2018				
7:00-8:30	Women in Spatial Breakfast Room: NZ4				
8:40-8:50	Tuesday Morning Welcome and Plenary Facilitator: Scott Campbell				
8:50-9:20	Andrew Maher, Chief Digital Officer Aurecon (Innovation Partner)				
9:20-9:50	Jerome Sheppard, Deputy Chief Executive Crown Property Land Information New Zealand				
9:50-10:30	Success stories: a global perspective Chris Cappelli, Director & Brett Dixon, General Manager Asia Pacific Esri				
10:30-11:00	Morning tea – EXPO area				
11:00-12:30	Concurrent Sessions				
S1	Esri Technology Facilitator: Claire Thurlow Room: NZ1&2	Land Management Facilitator: Dan Clark Room: NZ3&4	Local / Regional Government Facilitator: Nick Duke Room: Marlborough 1&2	Central Government Facilitator: Beth-Anne Lee Room: Epsom 1&2	GIS Technology and Data Facilitator: Doug Stark Room: Epsom 3
11.00-11:25	ArcGIS Online (Part I) Paul Ross, Esri & Lauren McArtney, Eagle Technology	Using hyperspectral imagery to improve fertiliser and environmental outcomes Alister Metherell, Ravensdown	An enhanced picture of water allocation in Northland Janelle Palmer, Northland Regional Council	DOC sees the need for speed Matt Grose, Department of Conservation	3D GIS and New Zealand’s many datums: a beginner’s guide Bruce Robinson, Global Survey
Room Change					
11:30-11:55	ArcGIS Online (Part II) Paul Ross, Esri & Lauren McArtney, Eagle Technology	Farm scale resource information to address erosion Willie McKay, Horizons Regional Council	Working together: sharing spatial information Kilmeny Stephens, Nelson City Council	Mapping New Zealand 2025 Graeme Blick, Land Information New Zealand	Using the Index of Multiple Deprivation (IMD) to explore drivers of deprivation Daniel Exeter, University of Auckland
Room Change					
12:00-12:30	ArcGIS Web Apps Paul Ross, Esri & Ed Cook, Eagle Technology	Dragging land management into the 21st century Geoff Lewis & Josie Winters, Greater Wellington Regional Council	Using GIS to model Wellington’s development capacity for the NPS-UDC Joshua Patterson & David Mitchell, Wellington City Council	In the clouds: where to from here? Peter Willoughby, New Zealand Transport Agency	Workflow for transforming 3D building models into spatially aware GIS data Aubrey Miller, University of Otago
12:30-2:00	Lunch – EXPO area				
1:35-1:55	DEMO THEATRE Facilitator: Seth Bocknek Room: EXPO Visualising property changes over space and time using Esri web maps – Phil Woods, CoreLogic				
Room Change					
2:00-3:30	Concurrent Sessions				
S2	Community Meeting Facilitator: Roland Pomana Room: Epsom 1&2		Demo Theatre Facilitator: Seth Bocknek Room: EXPO		
2:00-2:25	NZ Esri Users Group AGM		ArcGIS living atlas of the world – Boudewijn Boogaard, Eagle Technology		
2:30-2:55			Making beautiful web maps – Ed Cook, Eagle Technology		
Room Change					
S3	Esri Technology Facilitator: Jamie Till Room: NZ1&2	Land Management Facilitator: Nathan Heazlewood Room: Marlborough 3	Local / Regional Government Facilitator: Anna Eilers Room: Marlborough 1&2	Central Government Facilitator: Jithen Singh Room: Epsom 1&2	GIS Technology and Data Facilitator: Scott Tansley Room: Epsom 3
3:00-3:30	LocalMaps for everyone Lauren McArtney & Grant Carroll, Eagle Technology	Residential Crown property and its relationship with market value Bryan Teahan, CoreLogic NZ	Mobile risk assessment: enabling arborists Melissa Brooks, New Plymouth District Council	Moving DOC’s GIS to the cloud: What happened next? Elaine McAlister, Department of Conservation	Set and forget: automated service authoring Hamish Kingsbury, Abley
3:30-4:00	Afternoon tea – EXPO area				
S4	Esri Technology Facilitator: Jamie Till Room: NZ3&4	Project Management Facilitator: Nathan Heazlewood Room: Marlborough 3	Local / Regional Government Facilitator: Anna Eilers Room: Marlborough 1&2	Central Government Facilitator: Jithen Singh Room: Epsom 1&2	GIS Technology and Data Facilitator: Scott Tansley Room: Epsom 3
4:00-4:25	ArcGIS Pro (Part I) Sam Williamson, Ed Cook & Boudewijn Boogaard, Eagle Technology	Infrastructure Projects Viewer: identifying opportunities for collaboration Lisa Read, Auckland Transport	Cleaning up: Wellington City Council’s graffiti management hub Jonathon Moore, Wellington City Council	What’s happening in location information Andrew Ferrel & Ben Jones, Land Information New Zealand	Beyond out of the box Stephen Usmar, Firstname Faisal Abbas, Orbica
Room Change					
4:30-5:00	Esri Technology Facilitator: Jamie Till Room: NZ3&4	Project Management Facilitator: Nathan Heazlewood Room: Marlborough 3	Transportation Facilitator: Anna Eilers Room: Marlborough 1&2	Central Government Facilitator: Jithen Singh Room: Epsom 1&2	GIS Technology and Data Facilitator: Scott Tansley Room: Epsom 3
	ArcGIS Pro (Part II) Sam Williamson, Ed Cook & Boudewijn Boogaard, Eagle Technology	Gathering and visualising Pattle Delamore Partners GIS project locations Charlotte Scott, Pattle Delamore Partners	The story of lonely cones Amit Kokje, Auckland Transport	Spatialising the National Land Transport Programme James McCaughan, New Zealand Transport Agency	Application of Sentinel-2 satellite data in forestry Amanda MacDonald-Creevey, Rayonier Matariki Forests
6:15-12:00	Conference Dinner: “Going for Gold!” SKYCITY Convention Centre				

	Wednesday, 22 August 2018				
8:50-9:00	Wednesday Morning Welcome Facilitator: Graeme Henderson				
9:00-10:00	Lightning Talks Facilitator: Doug Stark <i>AT HOP usage analytics and insights</i> , Amit Kokje Auckland Transport <i>Get moving with GeometryEngine</i> , Stacy Rendall Abley <i>Leveraging MPI's geospatial platform and data.govt.nz</i> , Holger Spill Ministry for Primary Industries <i>Lincoln University campus map collaboration</i> , Will Jones Orbica <i>Crowdsourcing service requests</i> , Sam Drummond and James Gunn Christchurch City Council <i>Beneath the Eagle’s wing</i> , Julian Pilois Eagle Technology <i>Hackathon: exploring Survey123</i> , Katie Milne Department of Conservation <i>Hackathons and accelerated learning</i> , Michael Green Land Information New Zealand <i>Immersive storytelling through maps</i> , Avo Patlong Eagle Technology <i>Tip Track and Car Parts’ crossing</i> , Tom Norman Ministry for Primary Industries				
10:00-10:30	Morning tea – EXPO area				
10:30-12:00	Concurrent Sessions				
S5	Esri Technology Facilitator: Richard Redman Room: NZ1&2	Conservation & Biosecurity Facilitator: Roland Pomana Room: NZ3&4	Emergency Management Facilitator: Kate Waterhouse Room: Marlborough 1&2	Planning Facilitator: Greg Price Room: Marlborough 3	GIS Technology and Apps Facilitator: Doug Cockroft Room: Epsom 3
10:30-10:55	ArcGIS Enterprise (Part I) Sam Williamson & Scott Bradley, Eagle Technology	How to deal with pesky (and not so pesky) pests Andre Post & Cillian Adamson, Ministry for Primary Industries	GIS4EM multi-tenanted approach to ArcGIS Online applications for emergency response Jana Kaeppler, Hurunui District Council	Celebrating a year with ArcGIS Aaron Jeffries & Bryan Clements, Waikato Regional Council	Dynamic catchment area generator Subodh Dhakal, Abley
10:30-10:55	DEMO THEATRE Facilitator: Seth Bocknek Room: EXPO Assetic & Sydney Trains, visualising optimised asset management – Andy Boulton, Assetic				
Room Change					
11:00-11:25	ArcGIS Enterprise (Part II) Sam Williamson & Scott Bradley, Eagle Technology	Myrtle rust: improving DOC's response through GIS Dion Fabbro, Department of Conservation	GIS for EM recovery: challenges and lessons Casey Box, Whakatane District Council	Geo-enabling QLDC and coping with rapid growth Jerram Hill & Emma Turner, Queenstown Lakes District Council	Deploying Esri apps in a forestry context Patrick de Jong, Interpine Group Ltd
11:00-11:25	DEMO THEATRE Facilitator: Seth Bocknek Room: EXPO Eagle managed services: a case study – Mark Mulholland, Eagle Technology				
Room Change					
11:30-12:00	ArcGIS Field Apps (Part I) Sam Williamson & Ed Cook, Eagle Technology	Smart tool helps combat a major threat to our environment Helen Payn, Land Information New Zealand	The Kaikoura Earthquake Viewer John Carter, Tonkin + Taylor	New Plymouth District Council E-Plan Jacob Hechter, New Plymouth District Council	Elevating GIS through dashboards Gyanesh Gounder, Watercare Services Ltd
12:00-1:30	Lunch – EXPO area				
12:30-1:00	DEMO THEATRE Facilitator: Seth Bocknek Room: EXPO Taking geospatial analytics to the next level with SAP HANA — Tom Turchioe, SAP				
1:30-2:00	Concurrent Sessions				
S6	Esri Technology Facilitator: Shoaib Ahmed Room: NZ1&2	Conservation & Biosecurity Facilitator: Bonita Gestro Room: NZ3&4	Emergency Management Facilitator: Harvey Wong Room: Marlborough 1&2	Planning Facilitator: Rachel Summers Room: Marlborough 3	GIS Technology and Apps Facilitator: Christian Utech Room: Epsom 3
1:30-1:55	ArcGIS Field Apps (Part II) Sam Williamson & Ed Cook, Eagle Technology	Potential spread of invasive species in NZ: modelling, mapping & art Glenn Aguilar, Unitec Institute of Technology	A New Zealand disaster waste management planning GIS tool Andrew Flaws, Tonkin + Taylor	Assessing the noise effects from Auckland Airport’s proposed second runway Laura McNeill, Marshall Day Acoustics	Quieter or faster? Preference-based cycle routing with OpenStreetMap data Stacy Rendall, Abley
Room Change					
2:00-3:00	The Closing Plenary: the ArcGIS road ahead Join us and the team from Esri along with some key technology partners for a quick tour of future aspects of ArcGIS, spanning ArcGIS Online, Apps, ArcGIS Enterprise, ArcGIS Desktop, and ArcGIS Hub. Don’t leave early—this is worth staying for! Host: Scott Campbell, Eagle Technology Room: NZ1&2				
3:00-4:30	Farewell Function – Marlborough rooms and foyer				