

MONDAY 7 APRIL

10.00am - 4.00pm	Exhibition Open Day
5.00pm - 6.30pm	Welcome Reception

TUESDAY 8 APRIL

8.00am	Registration Desk Open / Exhibition Opens				
	Conference Opening & Plenary - Royal Theatre				
9.00am - 9.10am	Welcome & MC for Plenary Sessions: Dr Peter Woodgate , CRCSI				
9.10am - 9.40am	Welcoming Address The Hon. Malcolm Turnbull MP , Minister for Communications				
9.40am - 10.10am	The Hon. Maurice Williamson , Minister for Land Information, New Zealand Government				
10.10am - 10.30am	Intelligent Transport – What Can We Expect and Are We Ready? Susan Harris , Chief Executive Officer, Intelligent Transport Systems Australia				
10.30am - 11.00am	Morning Tea with Exhibitors				
	Plenary - Royal Theatre				
	MC: Dr Peter Woodgate , CRCSI				
11.00am - 11.25am	LINZ's Leading Role in the Establishment of National Spatial Data Infrastructure Peter Mersi , Chief Executive, Land Information New Zealand				
11.25am - 11.50am	The Age of 'Big GIS' Brett Bundock , Managing Director, Esri Australia				
11.50am - 12.15pm	Drew Clarke PSM , Secretary, Department of Communications				
12.15pm - 1.00pm	Lunch with Exhibitors				
	Concurrent Sessions				
	Session 1A: Digital Economy	Session 1B: Innovative Technologies	Session 1C: Changing Landscape of Surveying	Session 1D: Spatial Data - Building the Foundations for Tomorrow	Session 1E: Research@Locate: Sourcing and Access
	Bradman Theatre	Menzies Theatre	Nicholls Theatre	Sutherland Theatre	Fitzroy and Murray Rooms
	Chair: Francisco Urbina	Chair: TBC	Chair: Phil Pozzi	Chair: Helen Owens	Chair: TBC
1.00pm - 1.20pm	Trends in the European Location Market Andrew Coote , Chief Executive, ConsultingWhere	Detailed Target Analyses Using High Resolution DEM and WorldView Satellite Imagery: Spatial and Spectral Fusion Bill Baugh , R&D Scientist, DigitalGlobe	KEY STREAM SPEAKER Cadastrre 2034 – A National Strategy for Cadastral Reform and Innovation Paul Harcombe , Chair ICSM	KEY STREAM SPEAKER Mike Bradford Deputy Chair, ANZLIC	1.00pm - 1.18pm Identifying Salient Topics for Personalized Place Similarity Benjamin Adams , University of Auckland and Martin Raubal , ETH Zurich



TUESDAY 8 APRIL

Concurrent Sessions (continued)

	Session 1A: Digital Economy	Session 1B: Innovative Technologies	Session 1C: Changing Landscape of Surveying	Session 1D: Spatial Data - Building the Foundations for Tomorrow	Session 1E: Research@Locate: Sourcing and Access
	Bradman Theatre Chair: Francisco Urbina	Menzies Theatre Chair: TBC	Nicholls Theatre Chair: Phil Pozzi	Sutherland Theatre Chair: Helen Owens	Fitzroy and Murray Rooms Chair: TBC
1.20pm - 1.40pm	KEY STREAM SPEAKER Denise McKenzie , Executive Director, Communications and Outreach for Open Geospatial Consortium	KEY STREAM SPEAKER Stuart Minchin , Chief of Environmental Geoscience Division, Geoscience Australia	Drone Contour and Feature Surveys – Practical Examples Mike Stapleton , Partner, Landdata Pty Limited	Tim Neal , Director, Capabilities & Standards OSP	1.18pm - 1.36pm Urban Data Hubs Supporting Smart Cities Phillip Delaney and Chris Pettit , University of Melbourne
1.40pm - 2.00pm	Developing A Collaboration Methodology For The Creation Of National Datasets For New Zealand Brent Robertson , Senior Cartographer, Land Information New Zealand	Spatial Data Management Of Bio Regional Assessments Phase 1 For Coal Seam Gas –Challenges and Opportunities Zaffar Sadiq Mohamed Ghouse , Principal Consultant, GHD	PANEL DISCUSSION: The Surveying Landscape in My Jurisdiction Surveyors-General or Representative	Putting Geospatial on the Semantic Web Map – Innovation from the ANZLIC Foundation Spatial Data Framework initiative Paul Box , Research Manager, CSIRO	1.36pm - 1.54pm Developing a Usability Framework to Support Online Rapid Urban Information Discovery and Interrogation Jack Barton and Chris Pettit , University of Melbourne
2.00pm - 2.20pm	KEY STREAM SPEAKER Queensland's Open Spatial Data Revolution Steve Jacoby , Executive Director, Land & Spatial Information, Queensland Department of Natural Resources and Mines	Locating Environments Lee Belbin , Advisor, The Atlas of Living Australia		Relationships and Interactions Between the Foundation 10 Spatial Data Framework Themes David McMeekin , Research Fellow, Curtin University, CRCSI	1.54pm - 2.12pm Ontology Driven VGI Filtering to Empower Next Generation SDIs for Disaster Management Saman Koswate , Kevin McDougall and Xiaoye Liu , University of Southern Queensland (Presentation Only)
2.20pm - 2.40pm	Q & A	Q & A		Q & A	2.12pm - 2.30pm Bridging the Gap between the United Nations World Food Programme Crisis Mapping Operations and Crowdsourcing Technology Sophie Richards and Bert Veenendaal , Curtin University
2.40pm - 3.10pm	Afternoon Tea with Exhibitors				



TUESDAY 8 APRIL


Concurrent Sessions

	Session 2A: Spatial (Smart) Cities	Session 2B: Defence & National Security	Session 2C: Think Spatially (for a non-spatial world)	Session 2D: Spatial Data - Building the Foundations for Tomorrow	Session 2E: Research@Locate: Accuracy
	Bradman Theatre	Menzies Theatre	Nicholls Theatre	Sutherland Theatre	Fitzroy and Murray Rooms
	Chair: Mary Sue Severn	Chair: Helen Owens	Chair: Francisco Urbina	Chair: Wayne Paterson	Chair: TBC
3.10pm - 3.30pm	KEY STREAM SPEAKER Nirata Smadhi , Deputy Head, National Priority Planning and State Budget Evaluation (Republic of Indonesia)	The Republic of the Philippines NSDI Foundation Data Program Andrew Bashfield , Sales Director, Asia & Australia Intermap Technologies	NeatStreets – The Next Generation Community Service Neil Kuruppu , CEO, PepperStack Pty Ltd	Towards a Supply Chain Framework for Spatial Information Lesley Arnold , Director, Geospatial Frameworks	3.10pm - 3.28pm Dynamic Datum Transformations in Australia and New Zealand Nic Donnelly and Chris Crook , Land Information New Zealand, Joel Haasdyk , NSW Land and Property Information, Craig Harrison , Geoscience Australia, Chris Rizos , Craig Roberts and Richard Stanaway , University of NSW
3.30pm - 3.50pm	A Billion+ Probes: The Future of Traffic Services Rohan Fernando , Head Enterprise Business Development HERE Maps	KEY STREAM SPEAKER Ali Rose , Australian Geospatial Intelligence Organisation	A Decade of G-NAF – Reflections on Finding Australia's Way to Where Brian Marwick , Data Consultant, PSMA Australia	Fundamental Data: Establishing The Core Content For New Zealand's National Spatial Data Infrastructure Robert Deakin , Acting Geospatial Custodian, Land Information New Zealand	3.28pm - 3.46pm Accuracy of the Canterbury Earthquake Deformation Models Nic Donnelly , Chris Crook , Matt Amos , Don Grant and John Ritchie , Land Information New Zealand and Craig Roberts , University of NSW (Presentation Only)
3.50pm - 4.10pm	Big Data And The Spatial City Richard Simpson , CEO, SIBA QLD		KEY STREAM SPEAKER Justin Smith , Managing Director, Agile Digital Engineering (Allhomes.com.au)	The Tasmanian COP (Common Operating Platform) Michael Giudici , Surveyor General, Department Primary Industries Parks Water and Environment	3.46pm - 4.04pm Managing the Dynamics of the New Zealand Spatial Cadastre Don Grant , Chris Crook and Nic Donnelly , Land Information New Zealand
					4.04pm - 4.22pm Options for Modernising the Geocentric Datum of Australia Joel Haasdyk , NSW Land and Property Information, Nic Donnelly , Land Information New Zealand, Richard Stanaway , University of NSW, Craig Harrison , Geoscience Australia, Craig Roberts and Chris Rizos , University of NSW



TUESDAY 8 APRIL

Concurrent Sessions (continued)

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Bradman Theatre	Menzies Theatre	Nicholls Theatre	Sutherland Theatre	Fitzroy and Murray Rooms
Chair: Mary Sue Severn	Chair: Helen Owens	Chair: Francisco Urbina	Chair: Wayne Paterson	Chair: TBC
				4.22pm - 4.40pm <i>Vertical accuracy assessment of LiDAR ground points using minimum distance approach</i> Seyedhossein Pourali, Colin Arrowsmith and Nicholas Chrisman, RMIT University and Aliakbar Matkan, Shahid Beheshti University, Iran
4.10pm - 4.20pm Room change				
4.20pm - 5.00pm Plenary - Royal Theatre				
MC: Dr Peter Woodgate , CRCSI				
Crowdsourcing, Storytelling, and Making History: Building a New Spatio-Temporal Dimension to the Global Data Commons Chris Tucker , Founder and CEO, MapStory Foundation (USA)				
5.00pm - 5.30pm Chair: Julian Carver (LINZ)				
Panel Session Topic: Open Spatial Data - Behind the Policy Challenge				
<i>Panel Members:</i> Drew Clarke (ANZLIC Chair) Peter Mersi, LINZ, NZ Mike Bradford, Landgate Brett Bundock, Esri Australia Ros Harvey, Sense-T				
DINNER Great Hall, Parliament House				
7.00pm - 11.00pm APSEA Gala Awards Dinner				
Dinner MCs - Kellee Ireland (SIBA) and Roger Buckley (SSSI)				
Guest Speaker - Geoff Carr				



WEDNESDAY 9 APRIL

9.00am	Registration Desk Open / Exhibition Opens					
	Plenary - Royal Theatre					
	MC: Dr Peter Woodgate , CRCSI					
9.30am - 9.55am	Daniel Chu , Engineering Lead, Google Maps Australia					
9.55am - 10.20am	Fee or Free? Glenn Appleyard , Chairman, PSMA Australia Limited					
10.20am - 10.45am	An Economy-Wide Sensor Network: How Sense-T is Building a Knowledge Infrastructure for the Future Ros Harvey , Founding Director, Sense-T					
10.45am - 11.15am	Morning Tea with Exhibitors					
	Concurrent Sessions					
	Session 3A: Digital Economy	Session 3B: Innovative Technologies	Session 3C: Changing Landscape of Surveying	Session 3D: Spatial (Smart) Cities	Session 3E: Research@Locate: Processing and Analysis	Session 3F: Spatial Data - Building the Foundations for Tomorrow
	Bradman Theatre	Menzies Theatre	Nicholls Theatre	Sutherland Theatre	Fitzroy and Murray Rooms	Swan & Torrens Rooms
11.15am - 11.35am	Chair: Anita Balakrishnan	Chair: TBC	Chair: Paul Harcombe	Chair: TBC	Chair: TBC	Chair: TBC
	Building Spatial Capabilities in Local Government Graeme Martin , Consulting Manager, Spatial Vision	The Role of Remote Sensing in the Management of Stormwater Treatment Wetlands Katherine Williams , Senior Spatial Analyst GHD	The DCDB is a Disruptive Innovation and Why Surveyors Should Embrace It Alasdair Begley , Director, Saunders Havill Group	KEY STREAM SPEAKER Managing Risks, Public Safety and Assets - Spatially Recep Alakus , GIS Administrator, Hume City Council	11.15am - 11.33pm EDMCAL: Processing EDM Calibrations in NSW Volker Janssen and Tony Watson , NSW Land and Property Information	11.15am - 11.35am KEY STREAM SPEAKER Connecting Jurisdictions – Current Capabilities supporting the FSDF Darren Mottolini , Manager, Location Applications, Landgate
11.35am - 11.55am	The Tasmanian COP (Common Operating Platform) Aaron Cashion , Manager, Emergency Services, GIS, Department of Primary Industries, Parks, Water and Environment	KEY STREAM SPEAKER National Spatial Data: Unlocking the Potential through Innovation, Automation and Efficiency Chris Tagg , 1Spatial Australia	New Tools for Managing Old Surveys in Future Cadastral Databases Ian Harper , Surveyor, Geodata Australia	Using Spatial Information For Natural Hazard Risk Analysis Of A Megacity Matthew Jakob , Philippines Activity Leader, Geoscience Australia	11.33am - 11.51am The New Digital Orthometric Elevation Model of Kilimanjaro Pascal Sirguy and Nicolas J. Cullen , University of Otago and Jorge Filipe Dos Santos , Vale Technological Institute, Brazil	11.35am - 11.55am David Harvey , Director, GIS, Department of Planning, Transport & Infrastructure
11.55am - 12.15pm	Locating the Cloud Katherine Power , Technical Director/Account Manager, Pitney Bowes/UplanIT	A Spatial Context – New National Base Maps For New Zealand Ian Reese , Cartographer and GIS Specialist, Land Information New Zealand	KEY STREAM SPEAKER Elevating the Public Perception of the Professional Land Surveyor Mick Rose , Surveyor, Tasmania	Capturing Big Data - No Longer One Point At A Time Paul Stanton , National Geospatial Manager, UPG	11.51am - 12.09pm Emerging Data Challenges for Next-generation Spatial Data Infrastructure Benjamin Adams , and Mark Gahegan , University of Auckland	11.55am - 12.15pm Generating Customised Geospatial Data Products From Distributed Resources Rob Atkinson , Senior Research Scientist CSIRO

WEDNESDAY 9 APRIL

Concurrent Sessions (continued)

	Session 3A: Digital Economy	Session 3B: Innovative Technologies	Session 3C: Changing Landscape of Surveying	Session 3D: Spatial (Smart) Cities	Session 3E: Research@Locate: Processing and Analysis	Session 3F: Spatial Data - Building the Foundations for Tomorrow
	Bradman Theatre	Menzies Theatre	Nicholls Theatre	Sutherland Theatre	Fitzroy and Murray Rooms	Swan & Torrens Rooms
	Chair: Anita Balakrishnan	Chair: TBA	Chair: Paul Harcombe	Chair: TBC	Chair: TBC	Chair: TBC
12.15am - 12.35pm	eReefs - Using Different Types of Spatial Web Services in a Thematic Information Platform Nicholas Car , Research Project Officer, CSIRO	Big Data and Advanced Spatial Analytic Eve Kleiman , Director, Technology Product Release Oracle Corporation	Surveying Professionals and Our Role in BIM Nicholas Davies , Lester & Franks	Towards a Global Discrete Nested Grid: A Framework to Enable Multi-Resolution and Multi-Domain Analyses Simon Oliver , Acting Director, Business Systems Development Geoscience Australia	12.09pm - 12.27pm An Image Engineering Approach to Analysing Mobile Mapping Data Michael Borck, Geoff West and Tele Tan , Curtin University of Technology 12.27pm - 12.45pm A Vector Agent Approach to Extract the Boundaries of Real-World Phenomena from Satellite Images Kambiz Borna, Antoni Moore and Pascal Sirguey , University of Otago (Presentation Only)	12.15am - 12.35pm Connecting People with Place – A Framework for Spatially Enabling Government Statistical and Administrative Information. Alister Nairn , Director, Geography, ABS
12.35pm - 12.45pm	Q & A	Q & A	Q & A	Q & A	Q & A	Q & A
12.45pm - 1.45pm	Lunch with Exhibitors					



WEDNESDAY 9 APRIL

Concurrent Sessions

	Session 4A: Digital Economy	Session 4B: Innovative Technologies	Session 4C: Defence & National Security	Session 4D: Think Spatially (for a non-spatial world)	Session 4E: Research@Locate: Algorithms and Reviews
	Bradman Theatre	Menzies Theatre	Nicholls Theatre	Sutherland Theatre	Fitzroy and Murray Rooms
	Chair: Mary Sue Severn	Chair: SSSI or SIBA TBC	Chair: Brian Sloan	Chair: Kellee Ireland	Chair: TBC
1.45pm - 2.05pm	Permission To Innovate – How A Disaster Recovery Is Accelerating The Development Of Spatial Data Infrastructures Julian Carver , Manager, Canterbury SDI Programme Manager, Land Information New Zealand	The use of Spatial Technology to Aid Coral Reef Monitoring Michael Kaminski , Owner OTB Spatial	OP Sovereign Borders: A Multi-Agency Geospatial Collaboration Opportunity Glenn Irvine , National Practice Manager, Dialog Information Technology	KEY STREAM SPEAKER Socio and Economic Value Analysis of Geospatial Information Alan Smart , Principal, ACIL Allen Consulting	1.45pm - 2.03pm Estimating Urban Ultrafine Particle Distributions with Gaussian Process Models Jason Jingshi Li , Australian National University, Arnaud Jutzeler and Boi Faltings , EPFL
2.05pm - 2.25pm	KEY STREAM SPEAKER The Shift To Open Data Pia Waugh , Director of Gov 2.0, Department of Finance	Semantic Web Technologies for Spatial Infrastructures Geoff West , Professor, Curtin University	The New Sentinel Hotspots Monitoring System - Overview Andreia Siqueira , Remote Sensing Scientist, Geoscience Australia	Modelling Sea Level Rise in the Pacific using LiDAR Nathan Eaton , Principal GIS Consultant, NGIS Australia	2.03pm - 2.21pm A Novel Algorithm for Road Extraction from Airborne Lidar Data Li Liu , and Samsung Lim , University of NSW
2.25pm - 2.55pm	Spatial Integration of Existing Information Resources to Break Down Government Information Silos and Improve Business Outcomes Maurits van der Vlugt , Director, Mercury Project Solutions	TBC	TBC	Technology Taking An Upclose and Personal Approach Karl Warschau , Principal Consultant, Esri Australia	2.21pm - 2.39pm Intersection Delay Estimation from Floating Car Data via Stacked Generalization: A Case Study on Beijing's Road Networks Liu Xiliang , Lu Feng , and Zhang Hengcai , REIS, Chinese Academy of Sciences, China (Presentation Only)
2.55pm - 3.15pm	Drivers of successful information development programs Milos Pelikan , Senior Spatial Consultant, SKM	Evolution of Smart Phone Applications Mr Jan Wandek , Director, Emerg	KEY STREAM SPEAKER Lt Peter Waring , Officer in Charge of the Navy's Deployable Geospatial Support Team, Royal Australian Navy	The Consumerisation of Location Intelligence: Spatial Empowerment at Unbridled Speed and Scale Sean Richards , Director of Marketing	2.39pm - 2.57pm Integrated Land Evaluation: Story of a Track Not Taken Nicholas Chrisman , RMIT University



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Concurrent Sessions (continued)

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	Bradman Theatre	Menzies Theatre	Nicholls Theatre	Sutherland Theatre	Fitzroy and Murray Rooms
					2.57pm - 3.15pm <i>The Geography of World War I Cartoons: Gallipoli</i> Antoni Moore, University of Otago and William Cartwright, RMIT University
3.15pm - 3.25pm	Q & A	Q & A	Q & A	Q & A	Q & A
3.25pm - 3.30pm	Room change				
3.30pm - 4.30pm	Plenary - Royal Theatre				
	MC: Dr Peter Woodgate , CRCSI				
	<i>Leading on the Edge – Building team excellence in an extreme environment</i> Rachael Robertson , Former Antarctic Davis Station Expedition Leader				
4.30pm	Conference Close				