

LOCATE19 PROGRAM

MONDAY 8 APRIL 2019

Market Day including "The Hub" activities (1000 – 1600)

1000	Victorian Digital Transformation Collette Burke, Victorian Chief Engineer, Office of Projects Victoria
1015	Victorian Digital Transformation: Panel Discussion Collette Burke, Victorian Chief Engineer, Office of Projects Victoria Craig Sandy, Surveyor General Victoria, DELWP
FrontierSI Conference – Invite Only (1030 – 1735)	
Welcome Reception & Georabble (1730 – 1900)	

TUESDAY 9 APRIL 2019

SIBA | GITA & DELWP Breakfast: Innovating through diversity – the talent and outreach in the spatial industry (0700 – 0845) – Additional cost to attend Meeting room 106

CONFERENCE OPENING **Chairs: Kate Williams & Glenn Cockerton**
Plenary room 1

0900	Welcome to Country
0910	Welcome messages <ul style="list-style-type: none"> • Kate Williams & Glenn Cockerton, Co-Convenors • Maurits van der Vlugt, Chair, Locate Conferences Australia • Zaffar Sadiq Mohammed-Ghouse, President, SSSI • Daniel Harvey, Chairman, SIBA GITA
0920	Opening address John Bradley, Secretary at Department of Environment, Land, Water and Planning

PLENARY SESSION **Chair: Kate Williams**
Plenary room 1

0935	What's next? Demographic trends shaping our digital future Simon Kuestenmacher, Director of Research, Demographics Group
0955	The role spatial plays science in better health outcomes Barry Sandison, CEO, Australian Institute of Health and Welfare
1015	Protecting the Great Barrier Reef Erin Peterson, Principal Research Fellow, Queensland University of Technology

1035 MORNING TEA

PLENARY SESSION **Chair: Glenn Cockerton**
Plenary room 1

1105	Our future: 2026 Agenda Eva Rodriguez Rodriguez, Projects and Strategy Manager, FrontierSI
1120	Free to Be – using location data to shape our cities, empowering people to feel safe Edie Bannerman, Youth Ambassador with Plan International Australia
1140	Geospatial intelligence: How it's transforming the insurance industry Ryan Bank, Managing Director of Geospatial Intelligence Center
1200	Are you plugged into the startup revolution? Facilitator: Stephanie Pradier, FrontierSI Panel Members: Peta Ellis, CEO, River City Labs Matt Kirby, Co-founder, Cloud BNE Igor Vereninov, Co-owner/CEO, Emlid

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1230		LUNCH				
CONCURRENT SESSIONS						
	Plenary room 1	Meeting room 106	Meeting room 105	Meeting room 104	Meeting room 103	Meeting room 101/102
	PUBLIC INFRASTRUCTURE FOR A DIGITAL AGE Chairperson: Jan Pierce	SURVEYING IN A DIGITAL WORLD Chairperson: Mary Rabling	THE URBAN EXPERIENCE – THE ROLE OF LOCATION TECHNOLOGIES IN CREATING LIVEABLE CITIES OF THE FUTURE Chairperson: Adrian Young	ASSETS AND TRANSPORT: SMART DECISIONS AND SMART INFRASTRUCTURE Chairperson: Peter Olah	THE INDUSTRY OF THE FUTURE Chairperson: Su-Lin Lim	ADVANCED AGRICULTURE – LOCATION TECHNOLOGIES TO DRIVE SMARTER FARMING Chairperson: Stephanie Pradier
1330	ICSM Metadata Working Group Graham Logan Geoscience Australia	Introduction Craig Sandy Land Use Victoria	<i>Research@Locate</i> Quantification of the influence of materials to the urban heat island effect – a case study Petra Helmholz Curtin University	<i>Research@Locate</i> A walkability index targeted to older Australians in regional cities Rachel Whitsed Charles Sturt University	Successfully Managing Tenders and Recalcitrant Vendors Bruce Douglas Corporate GIS	<i>Research@Locate</i> Can mining exploration data be reused to assess agricultural land suitability for affected local communities in developing countries? Ingrid Ahmer University of Adelaide
1350	The Future of Australian Geodesy Nicholas Brown Geoscience Australia	Modernising Victoria’s digital cadastre – lessons learnt, current progress and future goals Roger Fraser DELWP	The Melbourne Map – Illustrating a City Melinda Clarke City Maps Illustrated Pty Ltd	Movement and Place in the 30 Minute City Ashlea Davy Arup	Transitioning to a leader, how to change your role in a technical team Mina Jahanshahi GHD	<i>Research@Locate</i> The Use of Phenology Attributes Derived from PROBA-V 100m NDVI Imagery in Mapping of Peanut Crops in Queensland, Australia Haerani Haerani University of Southern Queensland
1410	Knowing Our Place: the future role of government in taking our industry forward Simon Costello Geoscience Australia	Introducing the Victorian 2D/3D ePlan Innovative Applications Hamed Olfat DELWP	<i>Research@Locate</i> Towards urban well-being and resilience: Developing a geospatial framework for prioritising nature in cities Siobhan Colombo Cities Research Institute, Griffith University	<i>Research@Locate</i> A Spatial Analysis of Road Crashes in the Melbourne Metropolitan Area Elizabeth Hovenden VicRoads	Digital Earth Australia – Developing an Industry Strategy Trent Kershaw, Geoscience Australia & Eva Rodriguez Rodriguez, FrontierSI	Precision Ag – from boutique to mainstream Tim Neale Datafarming

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1430	<p>DELWP is driving the future through its Spatial Transformation Program Anthony Draga DELWP</p>	<p>Cadastre-as-a-service to support a digital property sector Adrian White NSW DFSI – Spatial Services</p>	<p>Cooling and Greening Melbourne With the Aid of Spatial Data Joe Hurley RMIT University</p>	<p>Commuting Distance for Australia Shaun Copley Australian Bureau of Statistics</p>	<p><i>Research@Locate</i> Using crowd sourcing and web-maps to promote student engagement with spatial concepts – a case study in a South African University Erika Pretorius University of Pretoria</p>	<p>The Next Generation of Agriculture Technologies Powered by Remote Sensing and Artificial Intelligence Andrew Steele Digitalglobe</p>
1450	<p>VicPlan – Digital Transformation of State-wide Planning Data Justin Madex DELWP</p>	<p>DynAdjust – A rigorous, efficient and flexible means for computing position and uncertainty in large geodetic, survey and cadastral networks Roger Fraser DELWP</p>	<p>Evolution of Virtual Brisbane: 3D city model Wilson Lowe Brisbane City Council</p>	<p>Reducing head-on crashes through 3D spatial analysis Andrew Wilson & Alex Oulton Abley Ltd</p>	<p>Safety, Diversity and Inclusion – Corporate, Spatial and Digital Enablement Mary-Ellen Feeney Jacobs</p>	<p>The development of an integrated Geospatial system for agricultural boundary delineation Greg Foster Royal Australian Navy</p>
1510	AFTERNOON TEA					
CONCURRENT SESSIONS						
	Plenary room 1	Meeting room 106	Meeting room 105	Meeting room 104	Meeting room 103	Meeting room 101/102
	<p>PUBLIC INFRASTRUCTURE FOR A DIGITAL AGE Chairperson: Amelia Chapman</p>	<p>SURVEYING IN A DIGITAL WORLD</p>	<p>THE URBAN EXPERIENCE – THE ROLE OF LOCATION TECHNOLOGIES IN CREATING LIVEABLE CITIES OF THE FUTURE Chairperson: Diane Daniell</p>	<p>ASSETS AND TRANSPORT: SMART DECISIONS AND SMART INFRASTRUCTURE Chairperson: Ashlea Davy</p>	<p>THE INDUSTRY OF THE FUTURE Chairperson: Petra Helmholtz</p>	<p>EMERGENCY PREPAREDNESS AND RESPONSE Chairperson: Ryan Bank</p>
1540	<p>What have we done for you lately.... Graham Hammond Geoscience Australia</p>	<p>Datum Modernisation Update Michael Giudici, Land Tasmania Joel Haasdyk, Department of Finance Services and Innovation, NSW</p>	<p>Shadeways – Developing an optimal travel route network model in consideration of thermal comfort Geoff Williams Spatial Vision & Harmen Romeijn, Spatial Vision</p>	<p>Cooperative Vehicles – a spatial challenge for Queensland Justin White Transport & Main Roads</p>	<p>Going Geospatial in Queensland Michelle Brooks Cooking Dough Research & Marketing</p>	<p><i>Research@Locate</i> Developing Affordable Remote Immersive Collaboration Spaces for All Cheryl Desha Griffith University</p>
1600	<p>Development of a competitive environment for the provision of Survey and Geospatial data, products and services – An experience from overseas strategic consulting</p>	<p>Nick Brown, Geoscience Australia</p>	<p>The importance of place Rafe Benli DELWP</p>	<p>Transport, Infrastructure, Privacy and Public Safety: Moving to the Live Map Herman Coomans Amazon Web Services</p>	<p>Developing the strategy and operating model for a spatial team within a multidisciplinary organisation: a case study</p>	<p>Improving Emergency response through integrating field data into specialised web mapping systems Naomi Withers DELWP</p>

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	Zaffar Sadiq Mohamed-Ghouse, Spatial Vision & Graeme Kernich, FrontierSI				Nikolaas Kostraby Department of Planning and Environment	
1620	The Standards Development Organisations (ISO/TC 211, OGC and IHO) and their work supporting the United Nations Sustainable Development Goals (SDGs) Chris Body It-004 Geographic Information Committee (standards Australia)		3D Queensland Economics and Road Map and Governance Framework for a Digital Built Environment Alan Smart, Acil Allen Consulting & Michael Haines, Vanzi	A Digital Transformation Platform for Property Development Transactions Mark Watt Business Aspects	The Future Professional Craig Sandy Land Use Victoria	Towards a Spatial Knowledge Infrastructure for Flood Risk Management Matthew Wilson Geospatial Research Institute
1640	Sands through the hourglass – mapping the days of our lives Evan Quick GHD	ADVANCING AUSTRALIA'S SPACE AND SPATIAL CAPABILITY Facilitator: Eva Rodriguez, FrontierSI Ross Caldwell HERE Julia Mitchell FrontierSI Michell Gee RMIT Aude Vignelles Australian Space Agency	Urban forest indicators using a combined airborne LiDAR and 3D photogrammetry approach Fabrice Marre Aerometrex	Work smarter with infrastructure visualisation Liz Fulton Cardno Pty Ltd	Determining the Future Demand for Surveyors and Geospatial Professionals Michelle Blicavs, Consulting Surveyors National	Geospatial analytics in a modern fire and rescue context Anthony Griffiths Metropolitan Fire and Emergency Services Board
1700	Developing a 4D NSW Foundation Spatial Data Framework to underpin the NSW Digital Twin Brenton Ray Spatial Services		Setting the Foundation Kristy Van Putten ACT Government	Project base data extraction tool Richard Syme Aurecon	Women who know their place Elaine Mcalister Department of Conservation	Digitally enhancing emergency response capability and preparedness Peter Jamieson Anditi
1720	SESSION ENDS		SESSION ENDS	SESSION ENDS	SESSION ENDS	SESSION ENDS
1740		SESSION ENDS				
1830	PRE-DINNER DRINKS					
1900	ASIA PACIFIC SPATIAL EXCELLENCE AWARDS					

**INDUSTRY APSEA'S FOR 2019
ARE NOW OPEN**



The Regional Industry ASPEA's are now open for 2019. Enter now to be in the running for an Oceanic APSEA to be awarded at LOCATE 2020.

Remember you can submit any project within two years of completion so it can be something you were doing last year or even in 2017 and it will still be eligible.

The regional Industry APSEA's for all regions will close on Monday 10th June 5pm AEST- put the date in your diary. Simply go to www.apsea.org.au to enter.

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WEDNESDAY 10 APRIL 2019

CONCURRENT SESSIONS

	Plenary room 1	Meeting room 106	Meeting room 105	Meeting room 104	Meeting room 103	Meeting room 101/102	Meeting room 111/112
	PUBLIC INFRASTRUCTURE FOR A DIGITAL AGE Chairperson: Graeme Blick	SURVEYING IN A DIGITAL WORLD Chairperson: Lindsay Perry	THE URBAN EXPERIENCE – THE ROLE OF LOCATION TECHNOLOGIES IN CREATING LIVEABLE CITIES OF THE FUTURE Chair: Mina Jahanshahi	GEOSPATIAL TECHNOLOGY’S ROLE IN MANAGING UTILITIES Chairperson: Matt Duckham	THE GEOSPATIAL TECHNOLOGIES DRIVING OUR DIGITAL FUTURE Chairperson: Trent Kershaw	ASSETS AND TRANSPORT: SMART DECISIONS AND SMART INFRASTRUCTURE Chairperson: Sheelan Sheikheslami Vaez	NATIONAL YOUNG PROFESSIONALS SYMPOSIUM
0830	Raster Data Platform for the Victorian Government Andrew Densley DELWP	QA4MBES – Quality Assurance for Multibeam Data Sam Amirebrahimi FrontierSI	Smart Redevelopment in the City of Maroondah Aman Mehta Maroondah City Council	Planning wireless networks in 3D Stephen Neale 3D Product Owner, Nearmap	Digital Earth Australia – from Satellites to Insights Alicia Thomson Geoscience Australia	Retro-BIM – An existing asset digital journey Antoine Burdett AECOM	0830 – 0900 Young professionals networking and capacity-building 0930 - 1010 Lightning talks by young professionals
0850	Moving the Department of Conservation’s GIS to the cloud – The highs and lows? Elaine Mcalister Department of Conservation	Scan to BIM to GIS. A case study around a Sydney Icon Jonathon Saxon Project Surveyors	Trees! Where are they? How are they? Felix Lipkin FrontierSI	UAV Collision Avoidance for Power Network Inspections Nathan Quadros FrontierSI	Cliniface™ Unlocking facial clues to assist disease diagnosis Dylan Gration Genetic Services WA	Snowy 2.0 Geotechnical Investigation: Paperless Project Management Marcus King GHD	
0910	<i>Research@Locate</i> Architecture for a Spatial Knowledge Infrastructure to facilitate knowledge on-demand environments Ivana Ivanova Curtin University	Datum modernisation to position Australia for the future Alex Woods SGV – Geodesy	Towards a high value open space dataset for Australia Michael Rigby AURIN/University of Melbourne	Benchmarking GIS Capabilities across the National Water Industry Graeme Martin Spatial Vision	GIS in the cloud: a blue print for modern deployment Kate Ramsay & Todd Jackson Esri Australia	<i>Research@Locate</i> Scaling social rules to multi-party traffic negotiations Surabhi Gupta University of Melbourne	

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0930	Delivering authoritative Australian Government spatial Linked Data on the Web – The Loci Project Paul Box CSIRO	Legal traceability of GPS positions in Australia Guorong Hu Geoscience Australia	Safer Cities with 3D Natasha Ridley Nearmap	Technology applied though the Asset Lifecycle Heath McMahon Melbourne Water	Analyzing the Performance of the Australian NZ SBAS Test Bed Services Ryan Keenan Septentrio	Here is your BIM... wait... what – I just want information David Bruce OMNILINK Pty Ltd & George Havakis, GISSA International	
0950	The Australian Cancer Atlas Susanna Cramb, Cancer Council Queensland	Professional ethics in an age of Disruption Tony Proust Sole Operator	Regional Housing Supply Monitor NSW Simon Laird, GHD & Stephen Oliver, NSW Department of Planning and Environment	Act with Live spatial intelligence. Supercharge Your Business Marin Videnov SAP ANZ	Query the Planet: Geospatial Big Data Analytics Using Open Source Tools from Large Technology Companies Mark Korver Amazon Web Services	<i>Research@Locate</i> Improving aviation safety: Testing the new SBAS for civil aviation Christopher Lambert, University of Melbourne & Christopher Marshall, FrontierSI	

1010 MORNING TEA

CONCURRENT SESSIONS

	Plenary room 1	Meeting room 106	Meeting room 105	Meeting room 104	Meeting room 103	Meeting room 101/102	Meeting room 111/112
	PUBLIC INFRASTRUCTURE FOR A DIGITAL AGE Chairperson: Brian Marwick	SURVEYING IN A DIGITAL WORLD Chairperson: Alistair Hart	THE URBAN EXPERIENCE – THE ROLE OF LOCATION TECHNOLOGIES IN CREATING LIVEABLE CITIES OF THE FUTURE Chairperson: Elaine Minty	GEOSPATIAL TECHNOLOGY’S ROLE IN MANAGING UTILITIES Chairperson: Brenton O’Rourke	THE GEOSPATIAL TECHNOLOGIES DRIVING OUR DIGITAL FUTURE Chairperson: Donny Darmawan	TECHNOLOGY AND DATA TO PROTECT OUR ENVIRONMENT FOR FUTURE GENERATIONS Chairperson: Adam Lewis	NATIONAL YOUNG PROFESSIONALS SYMPOSIUM
1040	Developing AGO Capability through Partnerships and Innovation Chris Hewett Australian Geospatial - Intelligence Organisation	3D Visualization Method for Deformation Monitoring Data Lee Hellen Monitum Pty Ltd	<i>Research@Locate</i> Building change detection through comparison of lidar scan with building information model Ha Tran University of Melbourne	In Data We Trust Alex Webster Powercor/CitiPower	Demystifying the art and science of UX for GIS Stuart Hill & Shannon Stavrou Esri Australia	Mapping disturbance across Victoria’s forests using three decades worth of Landsat time series imagery Mariela Soto-Berelov RMIT University	1040 – 1100 The relevance of YPs - insights from young-at-heart YPs 1100 – 1200 Round-table discussions
1100	Repositioning geospatial data as a strategic imperative Alison West	QA4UAV: An end-to-end workflow for ensuring fit-for-purpose UAV data	Location intelligence, machine learning and city planning. How	Sub-Surface Reality Capture – The benefits of 3D-GPR for	Driving towards our Digital Future – a practical Machine and Deep Learning	Riverlines – Lidar Analysis Shane Brooks, Aquatic Ecology & Technology	1200 – 1220 White paper strategy

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	Australian Geospatial - Intelligence Organisation	Jessica Keyzers FrontierSI	RAISE is modelling a city near you Chris Pettit University of New South Wales	subsurface investigations Graham Walker VAC Group/Earth Radar	framework for Geospatial applications Dipak Paudyal Esri Australia	
1120	National Spatial Data Infrastructure Collaboration Initiative Panel Discussion Facilitator: Phil Delaney, FrontierSI Steven Jacoby PSM, Queensland Department of Natural Resources, Mines and Energy	Ground and Aerial Survey Applications for Engineering Design and Construction of the Sunshine Coast International Airport Toby Clewett Sunshine Coast Council	<i>Research@Locate</i> Harnessing geospatial urban data to champion blue-green infrastructure strategies' Christian Ulrich Monash University	Improving the process of data consumption, mapping and tracking of utilities infrastructure data on University and Airport campuses to enable smart management, operation and planning Colin Hobson Open Spatial	Everything is addressable Pablo Villegas Pitney Bowes Software and Data	<i>Research@Locate</i> Automated Spatial Explanations Matt Duckham RMIT University
1140	Roger Fraser, Victorian Department of Environment, Land, Water and Planning	The Path to Trusted High Precision GNSS Suelynn Choy & Ken Harima, RMIT University	Towards a Digital Twin – Using TerriaJS to visualise 3D/4D data of the built environment including property and administrative boundaries Kevin Ring CSIRO's Data61	How to make your Data Smarter and what are the benefits Andrej Mocicka 1spatial Australia	Learning the Open Source Geospatial toolkit in five minutes Jonah Sullivan Geoscience Australia	Saving one of the largest underground freshwater resources in the world Megan Stanley GHD
1200	Eric Sharpham, NSW Department of Finance, Services and Innovation Marie Truelove, CSIRO's Data61 Phil Delaney, FrontierSI Judi Dawton, Commonwealth Department of Industry, Innovation and Science	Presentation to be confirmed	Presentation to be confirmed	<i>Research@Locate</i> Incorporating spatiotemporal variability into techno-economic assessments of alternative renewable energy technologies Sofanit Araya The University of Adelaide	The Open Data Cube in a Box Christopher Morgan FrontierSI	Trials, tribulations and triumphs of mapping elephant herds in rural Kenya Aneeta Nathan Jacobs
1220	LUNCH					

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CONCURRENT SESSIONS						
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	PUBLIC INFRASTRUCTURE FOR A DIGITAL AGE	VIRTUAL MODELLING AND BIM Chairperson: Alan Smart	OPEN GEOSPATIAL CONSORTIUM (OGC) SYMPOSIUM	GEOSPATIAL TECHNOLOGY'S ROLE IN MANAGING UTILITIES Chairperson: Charles Moscato	THE GEOSPATIAL TECHNOLOGIES DRIVING OUR DIGITAL FUTURE Chairperson: Liam Densley	TECHNOLOGY AND DATA TO PROTECT OUR ENVIRONMENT FOR FUTURE GENERATIONS Chairperson: Stuart Minchin
1310	Positioning Australia for the Future John Dawson Geoscience Australia	North East Link – Case Study on creation of the primary spatial data set Braith McClure AAM Pty Ltd	The OGC Symposia will delve into the rapidly changing global technologies and innovation and how this is shaping our standards ecosystem. The OGC Technology Trends work is highlighting key disruptive areas such as APIs, 5G, Fog & Edge Computing, UAV/UASs, Indoor Position and Modelling and Simulation. These changes are also driving an evolution in the webservices that have underpinned our location data sharing for almost 20 years with key current work on WFS and WMTS. The symposia will showcase exemplars of how the OGC standards are operating in practice, the real world problems they are solving and some insight into where the industry is headed. The session will finish with a message from the new OGC leadership team and an opportunity to celebrate the 25 year anniversary of the OGC.	Modern workflow for dynamic management and hydraulic modelling of the combined water and waste water system for the City and County of San Francisco Greg Braswell City and County of San Francisco Public Work	The reality of digital disruption in our industry Daniel Crowley PSMA Australia	Managing Australia's Water Assets with Free and Open Satellite Imagery Claire Krause Geoscience Australia
1330		How will the increasing prevalence of high resolution photomesh models of wide areas of Australia affect the spatial industry Rob Clout Aerometrix		Consequence Assessment of Catastrophic Water Main Failure Dan Boitshoko GHD & Nicholas Deeks GHD	<i>Research@Locate</i> How green are our cities? Mapping street trees using Google Street View photos Alan Both RMIT University	<i>Research@Locate</i> Determining Categorical Criteria for Landslide Susceptibility Analysis: Which criteria should I use? Trias Rahardianto University of Canterbury
1350	UNLOCKING OPPORTUNITIES WITH PRECISE POSITIONING Facilitator: Julia Mitchell, FrontierSI	Digitisation of Assets – Reality Modelling Anna Murray Bentley Systems Pty Ltd		Development of a Third-Party Consequence Model for Water Main Failure David Kelly Jacobs	Pavement Assessment using Mobile Laser Scanning and high-resolution imagery on Flinders Ports, South Australia Brett Sheehan Jacobs	Geospatial capabilities of the Bureau of Meteorology, Australia's trusted supplier of weather, climate, environmental and water information Matthew Brooks Bureau of Meteorology
1410	Mark Trotter CQUniversity Darren Turner University of Tasmania	BIM: How Surveyors can shape the Future Panel Forum on the current and future impacts and opportunities BIM is providing to the surveying and spatial profession		Integrating Design and GIS within Utilities David Clancy Powercor/CitiPower	Utilising Geospatial Tools for Enhanced Condition Assessments Angela Marsh Jacobs	<i>Research@Locate</i> Spatial analysis of climate metrics to locate potential climate change refuges Andrew Hall Charles Sturt University
1430	Eldar Rubinov, FrontierSI Julia Mitchell, FrontierSI	Facilitator: Paul Digney, Jacobs	Streamlining Data Collection, Progress Tracking and Analysis on a Stormwater Drainage Network David Malins Jacobs	GeoBI: An open-source data visualisation platform Neal Johnston Orbica Ltd	Engaging the Community through Environmental Impact Statement Navigator Donny Darmawan Arup	

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		Anna Murray Bentley Braith McClure AAM Richard Syme Aurecon Alex Webster CitiPower/Powercor				
1450	AFTERNOON TEA					
PLENARY SESSION						Chairs: Kate Williams & Glenn Cockerton
Plenary room 1						
1510	MC Introduction					
1515	Building a resilient geospatial community Teresa Townsend, CEO, Planning Communities					
1525	Sustainability and Resilience: a discussion on the role of geospatial Facilitator: Stuart Minchin, Chief, Environment & Geoscience Division, Geoscience Australia Teresa Townsend, CEO, Planning Communities Gillian Sparkes, Commissioner, Environmental Sustainability Victoria Julie Boulton, Project Manager, Monash Sustainable Development Institute					
1550	Locating AGO Chris Hewett, Head of Capability Development, Australian Geospatial-Intelligence Organisation					
1610	Driving our digital future Phil Allen, Vice President Sales, Tom Tom Asia-Pacific					
1630	Community labs and human-centred design for cities Michelle Fitzgerald, Manager Smart City Office and Chief Digital Officer, City of Melbourne					
1650	Closing Ceremony					