

MONDAY 3 APRIL 2017		TUESDAY 4 APRIL 2017		WEDNESDAY 5 APRIL 2017		THURSDAY 6 APRIL 2017	
Workshops (see website for more information)		0900 - 1600	Market day (exhibition open to all)	0800 - 1700	Exhibition open (delegates only)	0800 - 1540	Exhibition open (delegates only)
1400 - 1700	Engineering a Digital Earth using Imagery, LiDAR and data rich 3D modelling Hosted by Aerometrex and Jacobs	1000 - 1200	Workshop (see website for more information) Supporting the rise of new location-based businesses – Lessons from start-up hubs in Australia Damian Shepherd, SPUR	0845 - 1745	Plenary and breakout sessions	0830 - 1715	Plenary and breakout sessions
1400 - 1600	Foundation Spatial Data Framework Simon Costello, Branch Head, National Location Information, Geoscience Australia	1600 - 1730	GeoRabble	1815 - 1900	Pre-dinner drinks	1700 - 2100	YP Innovation Lab
		1730 - 1930	Welcome function	1900 - 2330	Asia Pacific Spatial Excellence Awards & ISDE Awards & Recognition		

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0845	Opening Convenor address - Dr Zaffar Sadiq Mohamed-Ghouse, Chair & Convenor
	Welcome to Country
	Welcome address – Martin Hoffman, Secretary, NSW Department of Finance, Services & Innovation
	Inaugural address – Duncan McIntyre, Assistant Secretary, Public Data Branch, Department of the Prime Minister and Cabinet
	Presidential address – Prof. GUO Huadong, ISDE
	Chairman’s address – Alistair Byrom, SIBA
	Presidential address – Gaby Van Wyk, SSSI
0945	Achieving sustainable development through digital transformation Greg Scott, Inter-Regional Advisor UNGGIM; Chair Academic Network, Prof. Abbas Rajabifard; and Denise McKenzie, Vice Chair, Private Sector Network
1005	Digital transformation and the deluge of geospatial Big Data Dr Walter Scott, DigitalGlobe USA
1025	Australia’s new 10 year strategy to grow the spatial industry: barriers, needs and high priority initiatives Dr Peter Woodgate, Australia and New Zealand CRC for Spatial Information (CRCSI) and Glenn Cockerton, Managing Director, Spatial Vision
1045	DBAR: Digital Earth in Practice for the Belt and Road Prof. GUO Huadong, Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences
1105	Plenary Speaker Panel Discussion Panel Chair: Dr Stuart Minchin, Geoscience Australia
1125	MORNING TEA

CONCURRENT SESSIONS

	STREAM 1 LAND SURVEYING & ADMINISTRATION	STREAM 2 OPEN DATA & GOVERNMENT	STREAM 3 BIG DATA	STREAM 4 SMART CITIES	STREAM 5 CAPACITY BUILDING	STREAM 6 SMART SENSORS FOR NATURAL RESOURCE MANAGEMENT	STREAM 7 SPATIAL INFRASTRUCTURE	STREAM 8 VIRTUAL GLOBES
1155	Keynote & Chair Preservation of Survey Infrastructure Narelle Underwood, NSW Surveyor General, NSW DFSI Spatial Services	Keynote & Chair Open data policy in the Earth Sciences: exploring its application across the government, scientific and industry sectors Trisha Moriarty, Geological Survey of NSW	Keynote & Chair Big Data – New Tools to Understand the World Around Us Dr Ian Opperman NSW Data Analytics Centre, DFSI	Keynote & Chair A smart cadastre to underpin business intelligence in the NSW property sector Adrian White, DFSI Spatial Services	Keynote & Chair Generational Change and the Talent of Gen Y Kellee Ireland, Destination Spatial	Keynote & Chair Flood Risk Management and Forecasting: Proposal of a GIS based Approach that Integrates Multiple Sources of Spatial Information Prof. Jacynthe Pouliot, Université Laval, Canada	Keynote & Chair Spatial Infrastructure as part of the NSW Government Digital Strategy Bruce Thompson, Executive Director, NSW DFSI Spatial Services	Keynote & Chair How Open Source Virtual Globe is supporting the SDGs – the Case of NASA World Wind Dr. Gabor Remetey-Fülöpp, Hungarian Association for Geo-information
1215	Keynote NT Survey Approval Online - Linking Planning, Land Title Office and Survey in a Digital Land Development System Craig Sandy, Department of Infrastructure, Planning and Logistics	Putting even more Open Data on the (National)Map Toby Bellwood, Department of the Prime Minister and Cabinet	Introducing the Rapid Analytics Interactive Scenario Explorer Prof. Chris Pettit, University of NSW	Singapore Smart Nation: Measuring from the ground up Daniel Kruiemel, AAM	Disunity is Death - Surveying & Spatial Leadership for the 21st Century Hon. Gary Naim AO	Embracing Opportunities in Remote Sensing for a Digitally Transformed future in Vegetation Management Lakdeepal (Lucky) de Silva, Macquarie University / Openspatial	Towards the Next Generation Spatial Knowledge Infrastructure Prof. Matthew Duckham, Australia and New Zealand CRC for Spatial Information (CRCSI) & RMIT	Tools or toys? What can we do with Digital Globes? Manfred Ehlers, Universität Osnabrück
1235	Surveyor Generals Panel Moderator: Michael Green, President, ISNSW Participants: • Dr Swarna Subba Rao, Surveyor General of India • Narelle Underwood, Surveyor General NSW	The business secrets of “Open Geospatial” Cameron Shorter, OSGeo Foundation	Australian Bureau of Statistics Rob Walter, Australian Bureau of Statistics	How crowdsourced data can help shape a smart city Simon Jackson, Esri Australia	The Squad Life - a recipe for self organising geospatial teams Elise McKenna, IAG	Change Detection of Desert Steppe Ecosystem by Spatiotemporal Analysis Based on Estimation of Fractional Vegetation Cover in Inner Mongolia, China Bayaer Wuliangha, Inner Mongolia Normal University	I want it all and I want it now - How to provide fast access to Big Spatial Data Alex Leith, Tidetech	Pan-Eurasian Experiment Dr Joni Kujansuu, University of Helsinki
1255	• Craig Sandy, Surveyor General NT • Jeff Brown, Surveyor General ACT • Michael Giudici, Surveyor General TAS • John Tulloch, Surveyor General VIC (60 minutes)	Marine Data and Products Sharing Service in ODINWESTPAC Prof. Xiaoyi JIANG, National Marine Data and Information Service	De-Cluttering Wireless Broadband Networks with Digital Surface Models Tishampati Dhar, Aerometrex	Road Map for 3D Qld to Realise \$bn’s of Benefits Michael Haines, VANZI	Building Capacity in People in a Disruptive Environment Patrick Mangan, pas mango Consulting	Integration of image transformation methods for geological exploration of Mongolia: a case study of erdenet-ovoo porphyry copper deposits and open pit mining area (Northern Mongolia) Dr Bayartungalag Batsaikhan, Geological Investigation Center of Mongolia & Mongolian Geospatial Association	Determining the Most Effective Spatial Infrastructure Options for a Transport Authority Martin Gregory, Business Aspect	Visioning a Sunshine Coast Smart City with Big 3D Data Toby Clewett, Sunshine City Council

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1315		Using open-source data to improve the development of local housing strategies- a Sydney case study Sian Elliott, Arup	Theme – Population, geography, planning and policy Tom Walter, Australian Bureau of Statistics	A platform for smart government Selin Ozdemir, Esri Australia	Children's mapping competition Doug Herrick, Department of Finance, Service & Innovation	Establishment of Scientific Knowledge Database Focusing on Environmental and Natural Resource Issues in South Asia Dr Ainong Li, Institute of Mountain Hazards and Environment, Chinese Academy of Sciences	Crowd-Sorting Spatial Information Lesley Arnold, Canterbury University - Australia and New Zealand CRC for Spatial Information (CRCSI)	Research@locate High-Precision Point Cloud Generation of Lidar System Based on Piecewise Cubic Hermite Interpolation (PCHI) Xiangrui Tian, Nanjing University of Aeronautics and Astronautics
1335	LUNCH							
CONCURRENT SESSIONS								
	STREAM 1 LAND SURVEYING & ADMINISTRATION	STREAM 2 AGRICULTURE	STREAM 3 OGC WORKSHOP	STREAM 4 INTELLIGENT TRANSPORT	STREAM 5 DISASTER & EMERGENCY MANAGEMENT	STREAM 6 SMART SENSORS FOR NATURAL RESOURCE MANAGEMENT	STREAM 7 SPATIAL INFRASTRUCTURE	STREAM 8 DBAR INITIATIVE
1435	The Benefits of Addressing Policy in New South Wales, Australia Dr Greg Windsor, NSW DFSI Spatial Services	Keynote & Chair Landscape Repair, Sustainable Agriculture, Spatially Driven Hon. Gary Nairn A.O, The Mulloon Institute	ISO TC 211 & OGC Workshop on Standards for the Sustainable Development Goals Denise McKenzie, Open Geospatial Consortium The components of this workshop will include: • What are the SDGs? • Why are they so relevant to the geospatial community? • What standards exist already that we can use now? • Which goals do they relate to? • What standards are under construction? • What standards do we still need?	Keynote Next Generation Intelligent Transport Susan Harris, ITS	Keynote & Chair Challenges maintaining accurate topographic and geodetic data products in a restless country Bjorn Johns and Graeme Blick, Land Information New Zealand	Keynote & Chair Reporting on the state of New Zealand's environment in maps Karl Majorhazi, Statistics New Zealand	Keynote & Chair The future of Queensland's Spatial Data Infrastructure Steven Jacoby, P.S.M. Department of Natural Resources & Mines (DNRM)	Special Session Launching Ceremony of Digital Silk Road Alliance for Science and Technology Chair: Prof. John Van Genderen Ms. Jie Liu • Introduction to Digital Silk Road Alliance (DSRA) • Launching Announcement of DSRA • Address by Alliance Representatives • Awarding certificates to Alliance members • Group Photo
1455	Making leaps and bounds with Metes and bounds Geoff Williams, Spatial Vision			Technology Test Area to Improve Melbourne Transport Rohan Fernando, HERE	Research@locate Convenience Rating of Post-disaster Recovery Housing Complexes Constructed in Miyagi Prefecture following the 2011 Tohoku Earthquake, Prof. Noriaki Endo, Iwate University	How do you get more than 1000 records of frogs in a season? Imran Qazi, Spatial Vision	From acquisition of lidar data to visualization in web based virtual model Tai Sakaushi, Atlas Aerometrex	
1515	Privatisation of Land Registry Systems Esther Han, Fairfax	Rice Resilience In Stressful Rice Environment: Challenges and Testing of New Stress Tolerance varieties in Ayeyarwaddy Delta of Myanmar Thura Aung, Radanar Ayar Rural Development Association		Using open-source data and transit network tools to improve our understanding of accessibility - a case study of the Sydney '30-minute city' Oliver Lock, Arup	An online tool to assess bush fire risk for existing development Ian Miller, Spatial Vision	Individual tree key parameters extraction based on LiDAR and hyperspectral data Dan Zhao, Institute of Remote Sensing and Digital Earth, CAS	Improving Search and Discovery of Geospatial Data Tristan Reed, Curtin University - Australia and New Zealand CRC for Spatial Information (CRCSI)	
1535	Privatisation of Land Registry Systems Dr. Mohsen Kalantari, Melbourne University	Rice key phenology monitoring by means of multi-temporal RADARSAT-2 images Prof. Shihua Li, University of Electronic Science and Technology of China		Uber driving: Research to determine how profitable is it and how useful is the app? Bruce Douglas, Corporate GIS	Using Web-mapping in community consultations for flood mitigation options in Bundaberg Harikrish Hariram, Jacobs Engineering Group Australia	Forest aboveground biomass estimation using LiDAR and scaling model in the Three Gorges region of China Zhaoju Zheng, Institute of Remote Sensing and Digital Earth, CAS	How Quality Defines Geoscape Michael Dixon, PSMA Australia	
1555	AFTERNOON TEA							

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CONCURRENT SESSIONS								
	STREAM 1 LAND SURVEYING & ADMINISTRATION	STREAM 2 VIRTUAL GLOBES	STREAM 3 BIG DATA	STREAM 4 STANDARDS	STREAM 5 DISASTER & EMERGENCY MANAGEMENT	STREAM 6 SMART SENSORS FOR NATURAL RESOURCE MANAGEMENT	STREAM 7 SPATIAL INFRASTRUCTURE	STREAM 8 DBAR INITIATIVE
1625	Australian Surveying Taskforce Initiatives - Educating and training the next generation of surveyors Michelle Brooks, Cookie Dough Research & Marketing	Keynote & Chair 3D Models of Australian Cities deployed in Cesium Fabrice Marre, Aerometrex	Keynote & Chair Business Opportunities for Location Intelligence – A Big Data Platform for Raster, Vector and Graph Processing Eve Kleiman, Oracle Corporation (Oracle)	Keynote & Chair Changes and Future Trends in the Global Location Industry Denise McKenzie, Open Geospatial Consortium	Keynote & Chair Building a Global Disaster Management Platform: Delivering Smart Disaster Communities Prof. Abbas Rajabifard, University of Melbourne	Keynote & Chair Remote sensing of groundwater dependent ecosystems in the western Lake Eyre Basin Ken Clarke, University of Adelaide	Keynote & Chair A consistent, repeatable, and measurable strategy model for assessing the maturity of national and regional Spatial Data Infrastructures Maurits van der Vlugt, Mercury Project Solution	Introduction on “Digital Belt and Road” Initiative Prof. CHEN Fang DBAR-DATA: Cloud based data sharing for public users in the Belt and Road Dr. WANG Jian, Prof. HE Guojin, Prof. JIAO Weili, Dr. Long Tengfei
1645	International Property Measurement Standard Mike Stapleton, LANDdata Surveys	On the question of relations between Digital Earth and Cartography Dr Eugene Eremchenko, R&D Group	Consolidation of the Defence Geospatial Domain – Challenges and opportunities Maree Wilson, Australian Geospatial-Intelligence Organisation		Geo-spatial Investigation of Fire Severity and its impacts on Vegetation Regrowth at the Blue Mountains and Royal National Park of Sydney, Australia Shahriar Rahman, Macquarie University	A vegetation shadow model for mapping perennial arid shrubs and trees using high-spatial multispectral and panchromatic satellite imagery Saad Alsharrah, University of South Australia	The whole and the hole: growing spatial businesses in our region Deanna Hutchinson, CEO, SIBA	DBAR-HiMAC: Energy and water balance of High Mountain catchments in Asia Prof. Massimo Menenti
1705	National ePlan Working Group Update Chris Wilcox, LPI NSW	DOAS: Comprehensive Marine Information Sharing System based on Virtual Globe and Cloud Computing Linchong Kang, National Marine Data and Information Service	Research@locate GSKY: An scalable geospatial data server Pablo Larraondo, NCI	Discrete Global Grid Systems – A “New” Approach to an Old Spatial Challenge Dr Matthew B.J. Purss, Geoscience Australia	Integrating Realtime and Predictive Traffic Feed data with the GIS Network Traffic model for better Response Decisions Michael Stokes, Navigate	Digital mapping of soil erodibility for water erosion in New South Wales, Australia Xihua Yang, New South Wales Office of Environment and Heritage	Research@locate Identifying optimal sites for static speed cameras in New Zealand Natalie Scott and Dale Harris, Interpret Geospatial Solutions	DBAR-AGRI: Shared agronomic information community based on CropWatch-Cloud Prof. WU Bingfang
1725	Research@Locate The Current Status and Ongoing Investigations of 2D and 3D Digital Cadastre (ePlan) in Victoria, Australia Dr Hamed Olfat, Dr Davood Shojaei and Abbas Rajabifard	Global Learning – Virtual Globe Interfaces in Education Josef Strobl, University of Salzburg	Farming Geospatial Datasets Shailesh Shankar, DigitalGlobe Inc	Challenges facing the Australia & New Zealand geospatial community to further contribute to the development of standards Chris Body, Geospatial Standards	Valuable lessons learned during Water Authority of Fiji’s remedial work after Super Cyclone Winston’s Fury, to consider before disaster strikes! Josua Wainiqolo, Water Authority of Fiji	Research@locate Disaggregation of SMAP radiometric soil moisture measurements at catchment scale using MODIS land surface temperature data Indishe Senanayake, University of Newcastle	ELVIS – How to improve access to users by 1000% Shane Crossman, Geoscience Australia	DBAR-COAST: EO systems for estimation of sea grass blue C in the shallow coastal water along maritime Silk Road. Prof. Mazlan bin Hashim DBAR-WATER: Understanding spatial and temporal patterns of water resources and water use in the Belt and Road region by Earth observation Prof. JIA Li
1745	SESSIONS END							
1815	PRE DINNER DRINKS, EXHIBITION HALL							
1900	ASIA PACIFIC SPATIAL EXCELLENCE AWARDS & ISDE AWARDS AND RECOGNITION, GRAND BALLROOM							

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0830	MC welcome Katherine Williams, Global Service Line Leader-Spatial, GHD Pty Ltd							
0840	Reflections on Digital Transformation in Government Hon. Kate Lundy, Former Senator							
0900	Singapore Land Authority - Smart Cities with AAM Dr Victor Khoo, Singapore Land Authority & Brian Nicholls, AAM, Pty Ltd							
0920	Digital Earth and Digital Transformations: are we ready? Dr Alessandro Annoni, Joint Research Center, EU, Italy							
0940	Reality as a Service Dr Rob Newman, Nearmap							
1000	Spatial Services for telecommunications Kate Foy, Managing Director, NSW Telco Authority							
1020	Plenary Speaker Panel Discussion							
1040	MORNING TEA							
CONCURRENT SESSIONS								
	STREAM 1 ENGINEERING/UTILITIES	STREAM 2 RESEARCH & INNOVATION	STREAM 3 BIG DATA	STREAM 4 WATER & CLIMATE	STREAM 5 GEOSPATIAL & ECONOMY	STREAM 6 NASA SMAP TUTORIAL	STREAM 7 SPATIAL INFRASTRUCTURE	STREAM 8 NEXT GENERATION POSITIONING INFRASTRUCTURE
1110	Keynote & Chair The role of spatial in digital engineering Mary-Ellen Feeney, Jacobs	Keynote & Chair Virtual Hubs for facilitating the use of geospatial datasets from heterogeneous data sources Paolo Mazzetti, CNR IIA	Keynote & Chair Australian Data Cube Dr Stuart Minchin, Chief Environment Division, Geoscience Australia	Keynote & Chair Applications of Spatial Analysis to support Integrated Water Management Strategy Development Kate Williams, GHD	Keynote & Chair The missing LINK - connecting users with the right location information for their business Simon Costello, Geoscience Australia	Special Session NASA Soil Moisture Active Passive (SMAP) Tutorial Dr Susan Moran, NASA SMAP Science Team and Chair of the SMAP Applications Working Group The NASA Soil Moisture Active Passive (SMAP) Observatory was launched January 31, 2015 to provide global measurements of soil moisture at high spatial and temporal resolution. SMAP products are now available free to the public (http://nsidc.org/data/smap), and one of the first validation experiments was carried out in Yanco, NSW, Australia, from May 1-23, 2015 (http://smap.jpl.nasa.gov/blog/). The goal of the SMAP Tutorial is to promote capacity building and use of SMAP data by a larger international community. The comprehensive SMAP Tutorial will include videos, practical exercises and demonstrations. A formal report of the Tutorial to the SMAP Project will include feedback to the mission and action items for post-event follow-up. All the attendees will be added to the SMAP Applications Working Group to receive regular messages about upcoming SMAP workshops, Cal/Val activities, and SMAP opportunities.	Keynote & Chair The Spatial Knowledge Infrastructure - Creating value for policy makers and benefits for the community Dr Lesley Arnold, Geospatial Frameworks	Keynote & Chair Positioning for Innovation Dr John Dawson, Positioning Program Manager, Geoscience Australia
1130	Level Crossing Removal Project - GIS Management Services Mina Jahanshahi, GHD	Unpacking the 3rd D in 3D - re-imagining the graph as data Rachel Lerm, Jacobs	Research@Locate Real-time detection and tracking of pedestrians in CCTV images using a deep convolutional neural network Debaditya Acharya, The University of Melbourne	SA Waters' Journey to Automated Assessment of As-Constructed Information Peter Sutter, SA Water	The Map is Dead, Long Live the Map! Laura Kostanski, ThinkPlace		Trusting Crowdsourced Geospatial Information Kylie Armstrong, Curtin University - Australia and New Zealand CRC for Spatial Information (CRCSI)	SBAS Update Graeme Kernich, Australia and New Zealand CRC for Spatial Information (CRCSI)
1150	Automating Identification of Pressure Exemption Customers Nicholas Flett, Western Australian Water Corporation	Semi-automated Coastline Extraction of NSW, Australia Brenton Ray, NSW DFSI Spatial Services	High Performance Computing for Quantitative Remote Sensing Retrieval on CPU-GPU Heterogeneous Platform Dr Yong Xue, University of Derby	The Australian Location Information Framework Adam King, NSW Department of Industry	Exploiting Synergies between Land and Marine SDI Andy Coote, ConsultingWhere		Automatic Federation of Australia's Spatial Data Semantically Dr David A McMeekin, Curtin University - Australia and New Zealand CRC for Spatial Information (CRCSI)	CORSnet-NSW: Fundamental Positioning Infrastructure for New South Wales Volker Janssen, NSW DFSI Spatial Services
1210	Using web based technologies to track and deliver utility and site surveys across major infrastructure projects Ben Cooper-Woolley, Arup	Geometry of Moon-based Earth Observation for Large-scale Geoscience Phenomena Yixing Ding, Institute of remote sensing and digital earth	The consumerization of GIS Clarence Hempfield, Pitney Bowes	The HydroScheme Industry Partnership Program Captain Stewart Dunne, RAN, Hydrographer Australia	Economic Value of Geospatial information and Technology Anamika Das, Geospatial Media		Process Ontologies to Assist in Orchestration Darren Mottolini, Curtin University - CRCSI	GNSS a backbone to the Internet of Things James Millner, Position Partners
1230	Digital Engineering Framework Program Simon Vaux, Transport for NSW	Archival Recording of a Historically Significant Site Using 3D Laser Scanning Technologies Richard Lemon, Jacobs	SNS-SiTRACK Brad Dalton, SITECH WA	Research@Locate Estimation of Spatial and Temporal E130 from Weather Radar Rainfall Data Esther Qinggaozi Zhu and Xihua Yang New South Wales Office of Environment and Heritage			Taming Mobile LiDAR Survey Information - Turning Noise into Intelligence for Spatial Infrastructure John Nolan, MNG	Improved National Positioning Infrastructure (NPI). Opportunities for the Surveying and Spatial Science Industry Paul Digney, Jacobs
1250	LUNCH							

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CONCURRENT SESSIONS							
	STREAM 1 TRENDS IN SURVEYING	STREAM 2 RESEARCH & INNOVATION	STREAM 3 BIG DATA	STREAM 4 WATER & CLIMATE	STREAM 5 GEOSPATIAL & ECONOMY	STREAM 7 SPATIAL INFRASTRUCTURE	STREAM 8 NEXT GENERATION POSITIONING INFRASTRUCTURE
1350	Monitoring Subsidence of Revetment Walls in Canal Developments using Remote Piloted Aircraft William Farry, RPS Australia	Keynote & Chair The Role of Digital Earth Technologies in Digital Medicine David Wortley, GAETSS - Gamification and Enabling Technologies Strategic Solutions	Analysis of Land surface albedo products from Satellite Remote Sensing Dongqin You, Institute of Remote Sensing and Digital Earth, CAS	Using the Geofabric in decision support for the protection of wetlands, and in delineation of Gauging catchments Matthew Brooks, Bureau of Meteorology	NSW Live: Real-Time Data as an Asset (DaaA) Daniel Miller, NSW DFSI Spatial Services	Special Session Spatial Infrastructures Technical Tutorial - Semantic Web Dr David A McMeekin, Curtin University - Australia and New Zealand CRC for Spatial Information (CRCSI) This interactive technical tutorial will demonstrate the use of semantic concepts and technologies and the influence over developing Australia and New Zealand's capabilities in the spatial infrastructures arena. The tutorial will provide participants with a basic understanding of what and how the tools can be used and subsequent benefits. The Spatial Infrastructures team will be available to prompt robust Q&A about the implementation of semantic technologies across organization's and jurisdictions and the implementation of national level ontologies.	Special Session Next Generation Ubiquitous and Trusted Positioning Systems Dr Suelynn Choy, RMIT University The session will address the capabilities of a range of sensors and techniques for ubiquitous and trustworthy positioning in all environments. Presentations from applications domains will identify the performance requirements these positioning solutions are required to provide. Related topics on signals of opportunity, space based augmentation systems (SBAS), vulnerability and interference and innovative applications and algorithms will be used to showcase the requirements and potential for building the next generation of ubiquitous and trustworthy positioning solutions.
1410	Monthly 30 m surface reflectance composite of china and its applications Bo Zhong, Institute of Remote Sensing and Digital Earth CAS		A Cloud-based Workflow Architecture for Geospatial Data Sharing Brian Hope, Spatial Services, Department of Finance, Services and Innovation		Waverley Council - Geo-enabling our communities Joe Dantas, Pitney Bowes		
1430	Hybrid reality mesh generation from laser scans and digital photographs Monika Zibolyte, Bentley Systems	TripleSat Constellation Terminal (TSCT) and Data Delivery and Management System (DDMS) Cheng Xiaoyang, Twenty First Century Aerospace Technology	You want to do what? Brett Madsen, Permuto Pty Ltd	Coastal Western Australia Mapping & Uses Alex Cowdery, Business Development Consultant, Fugro LADS Corporation	Research@Locate Detecting trends in cereal crop sowing dates using Landsat David Gobbett & James Hunt		
1450		Spatially enabling a thriving New Zealand Ben White, New Zealand Transport Agency (NZTA)	Big data analytics to identify anomalies in data for utilities Anji Vaidyula, Insights		Placing a value on Spatial Information - an Update Alan Smart, ACIL Allen Consulting		
1510	AFTERNOON TEA						
1540	PLENARY SESSION Earth's transformation – our future Steven Ramage, Senior External Relations Manager, GEO, Switzerland						
1600	PLENARY SESSION ICSM Panel discussion – Impacts of Datum – National and International Perspectives Panel Chair: Michael Giudici, Surveyor General, Land Tasmania Panellists: John Dawson, Geoscience Australia and Scott Strong, Department of Primary Industries, Parks, Water and Environment						
1640	CLOSING CEREMONY - ISDE President, SIBA Chairman, SSSI President, ISDE Event Announcement, Chair & Convenor 10 ISDE & LOCATE17 Closing Address						
1715	CONFERENCE CLOSE						