

LOCATE16 CONFERENCE PROGRAM

Tuesday 12 April

Locate16 Market Day (expo open day) (9:00am – 4:00pm)

Welcome Function (5:30pm – 7:30pm)
Venue: we-do-IT Central (Locate16 Exhibition Hall)

Wednesday 13 April

Locate16 Market Afternoon (expo open afternoon) (2:00pm – 5:00pm)

Locate16 Exhibition Open for Morning Coffee (8:00am – 8:45am)

MC Welcome – Helen Owens (8:45am – 9:00am)
Assistant Secretary, Public Data Branch, Department of the Prime Minister and Cabinet

Locate16 Opening Address (9:00am – 9:20am)
The Hon Angus Taylor MP
Assistant Minister for Cities and Digital Transformation

Plenary Session 1 (9:20am – 9:30am)
Dan Paull
So...what's next after G-NAF

Plenary Session 2 (9:30am – 10:00am)
Dr. Catherine Ball
The New Spatial Data Frontier:
How Smaller Equals Bigger

Plenary Session 3 (10:00am – 10:25am)
Ben Rimmer
Towards Our Sixth Sense: Using Geospatial
Technology to Sustain Liveability

Locate16 App Overview (10:30am – 10:35am)
Ryan O'Connor, DoubleDutch

MORNING TEA (10:30am – 11:00am)

Plenary Session 4 (11:00am – 11:30am)
Richard Hall, AICP
Smart Growth for Entrepreneurial Governments

Plenary Session 5 (11:30am – 12:00noon)
Luke Barrington
The Location Gold Rush

Plenary Session 6 (12noon – 12:30pm)
Joe Francica
Location Technology and the Sensor Web:
The Connective Tissue of the IoT

LUNCH (12:30pm – 1:30pm)

| BUILD | PROSPER | PROTECT | SUSTAIN |
|---|--|--|---|
| (1:30pm – 2:00pm) | (1:30pm – 2:00pm) | (1:30pm – 2:00pm) | (1:30pm – 2:00pm) |
| Dr Walter Hesse and Brigadier Darren Naumann AM (Retd) IMSendai™ – Incident Management Solutions (IMS) – Made in Australia | Dr Simon Dunstall | Nick Hassam Uncertainty in Insurance and the Role of Spatial Information | Ana Priscila Pedro Francisco SDI Model for Spatially Enabled Mozambique in the Telecommunications Industry – Case Study |
| (2:00pm – 2:30pm) | (2:00pm – 2:30pm) | (2:00pm – 2:30pm) | (2:00pm – 2:30pm) |
| Wayne Patterson NSW State of Spatial | Steven Jacoby PSM Where to Now for the Queensland Globe? | Xu Zhong Rea-Time Estimation of Wildfire Perimeters from Curated Crowdsourcing | Milos Pelikan Low Cost Information Intergration – A Case Study from the NRM Sector |
| (2:30pm – 3:00pm) | (2:30pm – 3:00pm) | (2:30pm – 3:00pm) | (2:30pm – 3:00pm) |
| Nicholas Car Dataset and Feature-Level Provenance Integration for Spatial Datasets Ridhwanuddin Tengku End User Awareness Towards GNSS Positioning Performance and Testing | Jodi Cant Spatial The Next Frontier – A Location and Innovation Hub for WA | Hugh Saalmans The Geospatial Future of Insurance | Katie Dick Women in Victoria – Seeing the Divide David Simon Big Data Capture – A LIDAR Perspective |

AFTERNOON TEA (3:00pm – 3:30pm)

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| (3:30pm – 3:50pm) | (3:30pm – 3:50pm) | (3:30pm – 3:50pm) | (3:30pm – 3:50pm) |
| Liz Fulton TECH AND TEAMWORK – The Convergence of GIS, CADD, BIM and IT | Dr Laura Kostanski "Where the Streets Have No Name" – Innovations in Addressing | Prof. Marcus Foth Participatory Visualisation and Assessment of Risks: A Crowdsourcing Approach | Robert Milne Engaging Communities for Prioritising Natural Resource Management and Biodiversity Conservation Actions |
| (3:50pm – 4:20pm) | (3:50pm – 4:20pm) | (3:50pm – 4:20pm) | (3:50pm – 4:20pm) |
| Stephen Farrell Mind the Gap – The Other Side of Melbourne's Growth | Steven Strange Combining Innovation and Spatial Information Management for Health & Well Being Outcomes | Dr. Ulanbek Turdukulov Exploring Kimberley Bushfires in Space and Time Jessica Liebig The Case Study of an Australian Crime Dataset | Simon Jackson & Michael Regel Making Decisions in Real-Time with Spatial Technology |
| (4:20pm – 4:50pm) | (4:20pm – 4:50pm) | (4:20pm – 4:50pm) | (4:20pm – 4:50pm) |
| Marie Trulove Introducing a Framework for Automatically Differentiating Witness Accounts of Events from Social Media Alireza Kashian Mining the Co-existence of POIs in OpenStreetMap for Faulty Entry Detection | Dan Paull Navigating the Future | Leonie Walsh (ECODEV) The Importance of STEM Skills to Our Future Industries | David Byrne Smart Coastal Mapping |
| (4:50pm – 5:20pm) | (4:50pm – 5:20pm) | (4:50pm – 5:20pm) | (4:50pm – 5:20pm) |
| Andrej Mocicka Bridging the Gap Between BIM and Survey | The Hon Kate Lundy The Growing Strategic Importance of Australia's Space and Spatial Industries | Mark Garvey Using Next Generation Spatial Technologies to Advance Knowledge of Grassland Curing | Dr. Tai Chan Strategic Land Information Management in Victoria |

Keynote
Presentation

Research@Locate
Session

Plenary
Session

Wednesday 13 April (continued)

Pre-Dinner Drinks (6:15pm – 7:00pm)
Venue: Locate16 Exhibition Hall

Asia Pacific Spatial Excellence Awards (APSEA) (7:00pm – 11:30pm)
Venue: Plenary 2, Melbourne Convention Centre

Thursday 14 April

Locate16 Exhibition Open for Morning Coffee (8:00am – 9:00am)

MC Welcome – Helen Owens (9:00am)
Assistant Secretary, Public Data Branch, Department of the Prime Minister and Cabinet

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| <p>Plenary Session 7 (9:00am – 9:30am) Alison Rose From Data Silos to Integrated Content: Delivering Richer and More Accessible GEOINT</p> | <p>Plenary Session 8 (9:30am – 10:00am) Mark Limbruner Innovative Mapping for Greenhouse Emission Compliance</p> | <p>Plenary Session 9 (10:00am – 10:30am) Associate Professor Robert Owen Digital Built Environment and Disruptive Technologies</p> |
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MORNING TEA (10:30am – 11:00am)

| BUILD | PROSPER | PROTECT | SUSTAIN |
|---|--|---|---|
| (11:00am – 11:20am) | (11:00am – 11:20am) | (11:00am – 11:20am) | (11:00am – 11:20am) |
| <p>Angela Murphy Historic Urban Landscapes and Visualising Ballarat: Citizen Participation for Sustainable Urban Planning and Design</p> | <p>Dan Jakska Providing a Modern Australian Datum for Greater Productivity</p> | <p>Andrea McDonald Post Disaster Recovery: Lessons Learned from the Canterbury SDI Programme</p> | <p>Chris Wilcox National ePlan Working Group Update</p> |
| (11:20am – 11:50am) | (11:20am – 11:50am) | (11:20am – 11:50am) | (11:20am – 11:50am) |
| <p>Tim Foresman Harnessing Spatial-Digital Disruptive Technologies for Stakeholder Prosperity and Sustainability</p> | <p>Dr Hamed Olfat The Victorian Digital Cadastre: Challenges and Investigations Shima Rahmatizadeh How VGI Intersects with Land Administration</p> | <p>Andrew Hutchinson Locating Two Lost Ships: Making Sense of the Historic WW2 Disaster Sites of HMAS Sydney and HSK Kormoran in Ultra-Deep Water in the Indian Ocean</p> | <p>Simon Costello Who Can You Trust? Progress on the Foundation Spatial Data Framework</p> |
| (11:50am – 12:20pm) | (11:50am – 12:20pm) | (11:50am – 12:20pm) | (11:50am – 12:20pm) |
| <p>Aaron Koning How Disruptive Technology Automated Auckland Council's 'Capacity for Growth' Study</p> | <p>Helen Owens Building the World's Leading Government Data Infrastructure</p> | <p>Alaa Ahmed Using GIS Techniques and Quantitative Morphometric Analysis to Evaluate the Groundwater Resources in the Central Flinders Ranges, South Australia Mustafa Hamoodi Diurnal and seasonal surface temperature variations: a case study in Baghdad city</p> | <p>Phil Delaney The NRM Spatial Hub – Turning Data into Decisions and Profit Prof. Matt Duckham Using Spatial Technologies to Support Early Education for Improved Community Resilience – A Case Study from Anglesea Primary School</p> |
| (12:20pm – 12:40pm) | (12:20pm – 12:40pm) | (12:20pm – 12:40pm) | (12:20pm – 12:40pm) |
| <p>John Taylor Emergent Spatial Technologies to Reduce Whole of Life Asset Costs for Local Government</p> | <p>Lukas Divis Indoor Positioning and Mapping of High Value Assets</p> | <p>Dale Harris Caution Curves Ahead! Modelling Vehicle Speed and Road Curvature with GIS</p> | <p>Frazer Wilson Using Maps to Successfully Display Complex Bushfire Behaviour Attributes in Victoria</p> |

LUNCH (12:40pm – 1:40pm)

| | | | |
|---|---|--|--|
| (1:40pm – 2:10pm) | (1:40pm – 2:10pm) | (1:40pm – 2:10pm) | (1:40pm – 2:10pm) |
| <p>Fabrice Marre Serious Games: When the Geospatial and Gaming Worlds Collide</p> | <p>Dr Andy Dunstan and Dr Richard Fitzpatrick Spatial Technology Supporting the Recovery of Raine Island</p> | <p>Andrew Steele Applying the Lessons Learned from Nepal Earthquake 2015 to Develop a Crisis Management Workflow</p> | <p>Stuart Minchin Geospatial Information – The Foundation for Monitoring the UN's Sustainable Development Goals</p> |
| (2:10pm – 2:40pm) | (2:10pm – 2:40pm) | (2:10pm – 2:40pm) | (2:10pm – 2:40pm) |
| <p>Susan Harris Connected autonomy and Spatial Implications</p> | <p>Denise McKenzie Sensors, Dark Data & the Internet of Babies</p> | <p>Darren Mottolini How Semantics will Disrupt Traditional GIS</p> | <p>Libby Hillman and Cory Bixler MapIT! and Beyond</p> |
| (2:40pm – 3:10pm) | (2:40pm – 3:10pm) | (2:40pm – 3:10pm) | (2:40pm – 3:10pm) |
| <p>Thomas Werner Will Laser Scanning Save the World? Alex Leith Scalable Simplicity: A Case Study in DevOps and Cloud Orchestration</p> | <p>Simon Cope Spookfish – GeoSpatial Imagery Redefined</p> | <p>Kerryne Graham TAPPAS – A Web-Based Application Incorporating Wind-Borne Dispersal into Biosecurity Risk Modelling</p> | <p>Martin Brady Geostatistics – Adding Value to Statistics with Geospatial Data</p> |

AFTERNOON TEA (3:10pm – 3:40pm)

Plenary Session 10 (3:40pm – 4:10pm)
Matt Denman
The Ride of the Future is Arriving Now!

MC Conference Wrap Up – Helen Owens (4:10pm – 4:30pm)

Keynote Presentation
Research@Locate Session
Plenary Session