

EMSINA presents: Mapping and location technologies in emergency management – get up to speed with the possibilities!

Date: Wednesday 5 September 2018

Venue: Perth Convention and Exhibition Centre

Time: 8.45am for registration, 9:00am–3.00pm

Cost: \$ 150 +GST

To register please visit www.afaconference.com.au

Workshop overview

Mapping and Location technologies comprise a range of disciplines which come together to provide valuable input across all hazard types. These are more commonly referred to as 'GIS' or 'Geospatial' technologies, but definitely not just about making maps. Spatial technology is at the heart of dispatching, resource allocation, warnings, pre incident planning, incident statistical reporting, fire modelling, remote sensing, plume modelling, smart devices and field intelligence – all key decision support areas in emergency management. These are reliant on the underlying principles of consistency, standards and skilled workers across jurisdictions.

Through presentations and lightning talks, this workshop will showcase examples of the use and the growing demands of mapping and location technologies to not only support our Emergency Service sector workforce, but also our public information demands. During this professional development opportunity, you will see presentations from users and those who manage these systems in emergency service organisations from across Australia along with some of the major vendors of spatial technologies.

You will hear about how their systems held up to demand in past crisis, what could have been better and what the future holds from an ever increasing need for spatial solutions. There will also be a discussion panel and briefings from the body linking all jurisdictions, the Emergency Management Spatial Information Network Australia (EMSINA).

Who should attend?

This workshop is focused at all levels of emergency management to gain stronger understanding of these technologies as applied to emergency management. In particular, incident management personnel, emergency service frontline workers with an interest in mapping technologies, public information/media officers, members of the spatial sciences community and location technology solution vendors are encouraged to attend.

Event outline

The workshop will showcase the latest advances in concepts and technologies underpinning mapping and location technologies through a series of lightning talks, lectures and a facilitated panel discussion. See over for event agenda.



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Event agenda

- 8.45am** **Registration**
- 9.00am** *Welcome*
Steve Forbes, MC for the event, ACT EMSINA member, ACT ESA
- 9.10am** *Program plenary*
Malcolm Cronstedt, Deputy Commissioner Strategy and Emergency Management, DFES WA
- 9.20am** *Geospatial analytics in a modern fire and rescue context*
Anthony Griffiths, Manager Business Intelligence and GIS, MFB VIC
- 9.40am** *Recent developments in Geospatial application within SA SES*
Sara Pulford, Principal Officer, Information Systems, SA SES
- 10.00am** *Flood hazard in the Murray River Western Australia: Developing spatial and temporal HMA products for the region. Defining hazard, exposure, vulnerability and impact*
Sophie Edgar and Mark Williams, DFES WA
- 10.20am** Human movement, using location technology to drive patterns
Brett Madsen, General Manager, MapData Services
- 10.30am** **Morning tea**
- 11.00am** *Weaving spatial COTS mobile apps into our emergency management processes*
Brenton Marchant, Senior Project Officer, Spatial Systems, NSW NPWS
- 11.25am** *Modern Mobility, the solutions are now endless!*
Craig Carpenter, Principal Consultant, ESRI Australia
- 11.45am** *Working off the shelf mobile apps into complex enterprise GIS, getting the balance*
Naomi Withers, Team Leader GIS, Technology Solutions Unit, DELWP VIC
- 12.05pm** *Moving Spatial Infrastructure and Geocortex viewers to the Cloud under HTML5 framework*
Yih-Pyng Lee, GIS Services, DFES WA
- 12.30pm** **Lunch**
- 1.00pm** *Spatial lessons learnt 2017–18, a national story built by EMSINA*
Teena Speirs, Co-Chair EMSINA, Spatial Support Coordinator, CFA VIC
- 1.25pm** *Geospatial Support to Public Information and Warnings*
Elliott Simmons, Manager Geospatial Intelligence, NSW SES
- 1.45pm** *Power network bushfire risk*
Adrian Allen, Landgate WA
- 2.00pm** *Emergency management resource directory, centralised online resource of spatially related data*
Kane Orr, Assistant Director Built Environment and Exposure Section, Geoscience Australia
- 2.20pm** *Current and emerging trends in spatial technology*
Mark Wallace, State and Territory Manager QLD and public safety lead, ESRI Australia
- 2.30pm** *Bushfire risk analysis*
Jonathon Palmer, DFES WA
- 3.00pm** Close

**Actual timings and talks are subject to change*



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