



**afac19**  
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Professional Development Program

## EMSINA presents: driving emergency management's digital future through the power of location technologies

**Date:** Friday 30 August 2019

**Venue:** Melbourne Convention and Exhibition Centre

**Time:** 9.00am–3.00pm

**Cost:** Free of charge

To register please visit [www.afaconference.com.au/register](http://www.afaconference.com.au/register)

### Event overview:

Spatial Information technologies comprise a range of disciplines which come together to provide valuable input across the Emergency Management sector. More commonly referred to as 'Mapping', but definitely not just about making maps. Spatial Sciences are at the heart of dispatching, resource allocation, warnings, pre incident planning, incident statistical reporting, fire modelling, remote sensing, plume modelling, impact assessment, smart devices, machine learning and field mapping- all key decision support areas in emergency management.

Through full 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 transformational change in the Emergency Service sector workforce, but also our public information demands. During this professional development opportunity, you will see presentations from our Emergency Service Organisations across Australia along with some of the major vendors of location technologies. We will hear about how their systems held up to demand in recent crisis, what could have been better and most important we will focus on what the future holds from an ever increasing need for spatial in modern digital solutions. This program is coordinated by 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. Basically anyone who has an involvement with, or is responsible for:

- making critical decisions in times of crisis
- incident management personnel who need to know how spatial technologies are best applied for decision support
- mapping of emergencies
- emergency service front line workers interested in progressing mapping technologies to better enhance situational awareness
- public information/media officers
- digital systems champions taking our systems to the next level
- members of the spatial sciences community
- location technology solution vendors.

See over for event agenda

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# Agenda

## 9.00am- Welcome

*Steve Forbes, MC for the event, EMSINA AFAC19 coordinator, ACT Emergency Services Agency*

## 9.05am- Program plenary

*Alen Slijepcevic, Executive Director, Bushfire & Safer Together*

## 9.15am- Game changers in Operational Mapping in Victoria in 2019

*Teena Speirs, Manager Risk Intelligence, Country Fire Authority*

## 9.25am- Mapping residential structure fire risk

*Jacqui Kitchen, Team Leader Risk Intelligence, Country Fire Authority*

## 9.45- Architecting Data Automation for Emergency preparedness and response

*Brett Madsen, General Manager, MapData Services*

## 10.00am- Geointel- Rapid capture of ultra-high resolution vertical and 360° oblique imagery of disasters

*Ryan Bank, Managing Director, Geospatial Intelligence Centre*

## 10.30am Morning tea

## 11.00am- Mapping for Biosecurity Incident Response (Anthrax to Stink Bugs)

*Tony Cuzner Ian Shurvell, Biosecurity & Agriculture Services Victoria*

## 11.25am- Current & Emerging Trends in Spatial Technology

*Andrew Langdon, public safety representative, ESRI Australia*

## 11.35am- Plume Modelling made easy for Hazmat practitioners

*Tom Sanderson, Spatial Technical Coordinator, Country Fire Authority*

## 11.50am- Advancing aviation capabilities for 'Specialist Intelligence Gathering' aircraft in Australia

*Steve Forbes, Manager Spatial Services, ACT Emergency Services Agency*

## 12.00pm- Connecting Nodes - Breaking Intelligence silos within Tasmania's 2019 protracted bushfire response

*Robert Meijers & Aaron Cashion, Emergency Services mapping, Tasmania*

## 12.30pm Lunch

## 1.00pm- Australian Exposure Information Platform

*Mark Dunford, Assistant Director, Geoscience Australia*

## 1.15pm- MFB Strategic Location Plan: Spatial Analysis

*Sam Rollings, Spatial Analyst, Metropolitan Fire and Emergency Services Board*

## 1.30pm- The importance of place in Emergency services

*Rafe Benli Geographic Names Victoria*

## 1.45pm- Rapid Risk Assessment - it's evolution from Black Saturday to today

*Naomi Withers, Spatial Systems Stream Lead, Forest, Fire and Regions | Department of Environment, Land Water and Planning Victoria*

## 2pm- Integrating dynamic and forecast weather data into your organisations spatial solutions

*Kathleen Hirst, Solutions Delivery and Support Program, Bureau of Meteorology*

## 2.15pm- The top technology trends in 2019

*Paul Case, Director Public Safety, Fujitsu Australia*

## 2.45pm- EMSINA's work plan, what we are delivering through our collaboration

*Brenton Marchant, Co-Chair EMSINA, NSW National Parks and Wildlife Service*

## 3.00pm- Close

*\*Actual timings and talks are subject to change*

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