



mapped **Out** 2017

Showcasing the use of Spatial Data
to enhance the operation and delivery
of Government Services

Thursday 9 November 2017

Rules Club, Cnr Fernleigh & Glenfield Rds

Wagga Wagga NSW 2650

HOSTED BY:

RivSiG
RIVERINA SPATIAL
Information Group

REROC
RIVERINA EASTERN REGIONAL
ORGANISATION OF COUNCILS



DAY ONE THURSDAY 9 NOVEMBER 2017

Jezza Room, Rules Club, Wagga Wagga

8.30 – 9.15 Registration & Coffee

SESSION ONE

9.15 – 9.30 Welcome

9.30 – 10.00 [James Miller](#), Informed Solutions – *Sharing and Enabling Environmental Data (SEED) portal*

10.00 – 10.30 [Sam Ebert](#), TAFE NSW – *What we have learnt through our Drone Essentials training*

10.30 – 11.00 Trade Stands Panel

11.00 – 11.30 Morning Tea & Trade Stands

SESSION TWO

11.30 – 12.00 [David Southwell](#), Australian Bureau of Statistics – *Census Data*

12.00 – 12.30 [George Havakis](#), GISSA International – *A collaborative approach delivering integrated benefits to life cycle management of infrastructure assets*

12.30 – 1.15 [Dr John Dawson](#), Geoscience Australia – *SBAS Satellite Positioning, GDA2020 and ELVIS Elevation Information System*

1.15 – 2.00 Lunch & Trade Stands

SESSION THREE

2.00 – 2.30 [Mike Day](#), Office of Environment & Heritage – *Regional Scale State Vegetation Type Map: Methods, Products and Innovations*

2.30 – 3.00 To be advised

3.00 – 3.30 [Stephanie Plattner](#), State Emergency Service – *NSW Flood Data Access Program*

3.30 – 4.00 [Wayne Patterson](#), NSW Spatial Services – *Update and overview of Spatial Services*

4.00 – 4.15 Wrap & Close

DAY TWO FRIDAY 10 NOVEMBER 2017

Garden Room, Rules Club, Wagga Wagga

This year your registration fee for the Mapped Out Conference includes registration to an additional half day session on presentations from NSW Spatial Services.

8.30 – 9.00 Registration & Coffee

SESSION ONE

9.00 – 9.45 [Brenton Ray](#) – *Smart State NSW*

9.45 – 10.30 [Michael van den Bos](#) – *Naming Principles, Process and Guidelines*

10.30 – 11.15 [Narelle Underwood](#) – *Preservation of Survey Infrastructure (POSI)*

11.15 – 11.45 Morning Tea

SESSION TWO

11.45 – 12.30 [Greg Windsor](#) – *NSW Whole of Government Addressing Initiatives*

12.30 – 1.15 [Adrian White](#) – *Impact of the Dynamic Datum GDA2020 on the Cadastre*

1.15 Wrap & Close



SPEAKERS AND TOPICS:

James Miller, Informed Solutions

Sharing and Enabling Environmental Data (SEED) portal

James specialises in geospatial data and platform architectures, and was the Data Architect on behalf of Informed Solutions on SEED.

Informed Solutions partnered with NSW Government to deliver the Sharing and Enabling Environmental Data (SEED) portal. SEED is an open, whole-of-government portal providing a central, trusted source of Environmental Data for everyone across Government, Community, Academia and Industry. SEED allows anyone to easily search, visualise, and export environmental data such as water, land and air from across government, as well as providing open APIs for consumption by external services. Informed Solutions will share insights into how user engagement and the adoption of open data and platform architectures delivered a new, innovative data platform for NSW.

Sam Ebert, TAFE NSW

What we have learnt through our Drone Essentials training

Sam has had a varied spatial background from working at CSIRO in Townsville as a Spatial Analyst investigating the sugar industry, to the role of GIS Manager at the Victorian Department of Sustainability and Environment (now DELWP), to his current role as Head of Department at TAFE NSW's Department of Surveying and Spatial Technologies.

Drone technology is being utilised across most industry sectors. TAFE NSW Department of Surveying and Spatial Technologies developed a short course that was targeted at anyone across NSW interested in learning about drones, RPAS, UAV etc. The course was developed in conjunction with the Australian Association of Unmanned Systems (AAUS), QBE Insurance and local drone specialists. In the 14 months the course has been running over 400 people have participated. This presentation will discuss how the course has evolved, who has participated, what we have learnt, and where to from here.

David Southwell, Australian Bureau of Statistics

Census Data

David has been a member of the 'Census User Support and Engagement' team at the Australian Bureau of Statistics for two years where he provides support to users of Census data. A large number of clients are TableBuilder users who are looking to analyse complex details from Census results.

David's presentation aims to:

- demonstrate the importance of why the census data is collected, using real world examples that have benefitted businesses, organisations and communities;
- focus on local data to discuss key findings, comparisons over time and across geographies;
- show how to find data products such as QuickStats, Community Profiles and TableBuilder, and how to use these tools to get relevant data;
- explain how to use the data to get the most out of it.

David will highlight detailed data stories from the local area as well as provide data usability services.

George Havakis, GISSA International

A collaborative approach delivering integrated benefits to life cycle management of infrastructure assets

With over 24 years in the Geospatial Industry as a consultant/adviser to government and business, George combines project management experience with specific knowledge of the intricacies and dependencies of asset management and its supportive technologies.

Effective and efficient asset management needs a framework that allows for consistent practices of data usage, processing and analysis. In order to maximise community utility of infrastructure in terms of asset performance and finance management, A-SPEC, a metadata specification, has been developed. From one council in 2002, A-SPEC has grown to



over 55 + authorities across Australia and New Zealand in 2017. This presentation will outline the challenges and benefits, from technical, governance and cultural perspectives.

John Dawson, GeoScience Australia

SBAS Satellite Positioning, GDA2020 and ELVIS

John leads the Positioning Section at Geoscience Australia. John is responsible for the Australian Government's National Positioning Infrastructure (NPI) which includes a trial of a Satellite-Based Augmentation System (SBAS). He holds a PhD in Earth Physics from the Australian National University.

This presentation will address three significant Geoscience Australia geospatial projects, SBAS, GDA2020 and ELVIS. In part one, the progress of the trial of an Australian Satellite-Based Augmentation System (SBAS) will be overviewed. The SBAS trial will demonstrate for the first time anywhere second-generation (multi-constellation, multi-frequency) SBAS as well as regionally transmitted Precise Point Positioning (PPP) corrections which will enable ten-centimetre positioning accuracies. The unique challenges and opportunities for Australia emerging from these developments will be highlighted. In part two, the update of the Geocentric Datum of Australia 2020 (GDA2020) will be overviewed. In part three, the Elevation Information System or ELVIS will be overviewed. ELVIS is an online system for discoverability and delivery of elevation data. Released in March 2016, ELVIS has delivered increasing quantities of elevation data to users using Cloud based technology.

Mike Day, Office of Environment & Heritage

Regional Scale State Vegetation Type Map: Methods, Products and Innovations

Mike is a Senior Scientist, Spatial/Remote Sensing Science Division, Native Vegetation Information Science Branch.

This presentation provides an overview of the Regional Scale State Vegetation Type Map; its methods, products and innovations. Recent updates to Riverina and Murray will be illustrated along with remote sensing innovations over the Western Division. Coastal mapping strategies will be explored along with an illustration of the state-wide aerial photo interpretation of vegetation structure.

Stephanie Plattner, State Emergency Service

NSW Flood Data Access Program

Stephanie has worked with the NSW State Emergency Service as the Geospatial Intelligence Program Coordinator since May 2016, coming to the agency with over 10 years NSW state government experience.

The NSW Flood Data Access Program is a joint partnership between the NSW State Emergency Service and the NSW Office of Environment and Heritage. The program has 2 main initiatives, the NSW Flood Data Portal and the NSW Flood Database, both of which aim to improve the sharing of key flood data within government and to other stakeholders, so that this information is more broadly available to be considered in strategic level decision making.

Wayne Patterson, NSW Spatial Services

Update and overview of Spatial Services



REGISTRATION FORM Thursday 9 November and Friday 10 November 2017

Names of Attendees:

1:

2:

3:

Council /Organisation Details:

Address:

.....

Contact Person:

Phone:..... Fax:

Email:.....

Cost: \$165.00 (incl GST) per person and \$132.00 (incl GST) for the second attendee and each subsequent attendee.

For catering purposes, please indicate if you are attending the half-day session on Friday 10 November 2017*

Registration cost is inclusive of Friday half day session.

Payment:

Please find attached the cheque for payment (made out to REROC). Direct Deposit available.

Please invoice quoting Order No:.....

Signed:

Dated:

Please Note: Closing date for Registrations – 2 November 2017

SEND YOUR REGISTRATION TO

MAIL: REROC, PO Box 646, Wagga Wagga NSW 2650

OR FAX: 02 6931 9040

OR EMAIL: mail@reroc.com.au

CONFERENCE TO BE HELD AT

Jezza Room, Rules Club, Cnr Fernleigh & Glenfield Rds, Wagga Wagga NSW 2650

ACCOMMODATION

Accommodation is available at the Quality Hotel Rules Club at a discounted rate. To access the special rate for the Conference please book through this link <http://www.choicehotels.com/AU883?srp=LMEM> or call the hotel on 02 6931 2000 and advise that you are attending the Mapped Out Conference.

FOR FURTHER INFORMATION

PHONE: (02) 6931 9050 **EMAIL:** mail@reroc.com.au **www.reroc.com.au**

**To attend the second day session,
you must be registered to attend Mapped Out*

THIS EVENT HAS BEEN ORGANISED BY:

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