



**mapped out**  
2021  
REROC



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

**Wednesday 3 and Thursday 4 March 2021**

Rules Club, Cnr Fernleigh and Glenfield Rds  
Wagga Wagga NSW 2650

HOSTED BY:

**REROC**

RIVERINA EASTERN REGIONAL  
ORGANISATION OF COUNCILS

SUPPORTED BY:



## DAY ONE WEDNESDAY 3 MARCH 2021

### Rules Club, Wagga Wagga

- 8.00 – 9.00** Registration, Coffee, Visit Trade Stands and Networking
- 9.00 – 9.15** *Welcome – Cr Rick Firman OAM, REROC Chairman*
- 9.15 – 9.50** *Rob Matthews, Heli Surveys – 4K Aerial Mapping*
- 9.50 – 10.25** *Andrej Mocicka, 1 Spatial – Around the World with FME*
- 10.25 – 10.40** Trade Stand Panel
- 10.40 – 11.25** *Morning Tea, Visit Trade Stands and Networking*
- 11.25 – 12.00** *Ian Perkins, Wingecarribee Shire Council – The Green Web Project*
- 12.00 – 12.35** *Julia Spark, Aerometrex – 3D model of Wagga for the Wagga SAP*
- 12.35 – 1.10** *Wendy Menz and Liesl Grant, NSW National Parks & Wildlife Service – Hawkweed Project*
- 1.10 – 2.00** *Lunch, Visit Trade Stands and Networking*
- 2.00 – 2.35** *Andrew Haley, Goldenfields Water County Council – Automatic Meter Reading at Goldenfields Water*
- 2.35 – 3.10** *Dan Smith, Coolamon Shire Council and Julie Briggs, REROC – Mapping the region*
- 3.10 – 3.45** *Joel Haasdyk, NSW Spatial Services – GDA2020 and the AGRS; What's new and what's coming?*
- 3.45 – 4.20** *Shalin Limbachia, NSW Spatial Services – Service Delivery*

**4.20 – 4.55** *Gareth Carter, NSW Spatial Services – Emergency Management*

**4.55 – 5.00** *Wrap and Close*

**5.30 – 6.30** *Cocktail Reception*

## DAY TWO THURSDAY 4 MARCH 2021

### Rules Club, Wagga Wagga

- 8.30 – 9.25** Registration, Coffee, Visit Trade Stands and Networking
- 9.25 – 9.30** *Welcome*
- 9.30 – 10.05** *Simone Reedy, NSW Spatial Services – Place Naming and the NSW Place and Road Naming System*
- 10.05 – 10.30** *Erin Telford, NSW Spatial Services – Progress on digital plans, ePlanning and 3D Buildings*
- 10.30 – 11.10** *Morning Tea, Visit Trade Stands and Networking*
- 11.10 – 11.45** *Brenton Ray, NSW Spatial Services – Spatial Digital Twin*
- 11.45 – 12.20** *Shawn Ryan, NSW Spatial Services – Imagery and Elevation update*
- 12.20 – 12.55** *Simone Reedy, NSW Spatial Services – Addressing in NSW*
- 12.55 – 1.00** *Wrap and Close*
- 1.00 – 2.00** *Light Lunch Provided*

## SPEAKERS AND TOPICS:

### DAY ONE: Wednesday 3 March



#### **Andrej Mocicka**, *1 Spatial*

Andrej has been involved in the Spatial Industry since 1979. He started at the Melbourne and Metropolitan Board of Works where he was involved in a variety of survey activities from minor and major construction, geodetic, cadastral, topographic to name but a few. Andrej has also had a long and active association with the Spatial Industry on a professional level. Being on the committee of the Institution of Surveyors Victoria Division from 1992 to 2003. He served as President of the division in 2000 and became a Fellow of the Institution of Surveyors Australia in 2001. Andrej served on the SSSI National and Victorian SSSI Land Survey Commission from 2006 until 2018. Currently on the SSSI Victorian committee as Chair-elect for the Victorian division of SSSI.

FME (Feature Management Engine) is used in Federal, State and Local Government, Utilities, Telecommunications, Transport, Construction and other industries all over the world to manage data in a variety of ways. Each year Safe Software, the developers of FME, run a World Tour that visits over 70 countries around the world and each year the World Tour showcases some of the interesting case studies of where Spatial Professionals are providing innovative spatial solutions. This presentation will run through a number of these case studies to highlight how Spatial Professionals are working with digital data. Demonstrating how the boundaries of digital data are becoming blurred and how spatial professionals are providing innovative solutions.

#### **Andrew Haley**, *Goldenfields Water County Council*

Andrew Haley is the Geospatial Officer for Goldenfields Water.

Goldenfields Water gave a presentation at Mapped Out 2014 showcasing their Automatic Meter Reading technology. Andrew will provide an update on this project including lessons learned and future direction.



#### **Gareth Carter**, *Manager, EICU, NSW Spatial Services*

Gareth Carter is the Manager for the Emergency Information Coordination Unit (EICU), looking after 'where is stuff' for Emergency Management and Whole of Government data sourcing. Gareth and his team have provided significant support to the 2019–2020 bushfire season and COVID 19 response.

The EICU ensures the emergency management sector has the best spatial and related data available to deal with multi-agency emergencies, such as terrorism and natural disasters, and major public events. Learn about the products and support provided by the EICU during the 2019–2020 bushfire season and COVID 19 response.



**Joel Haasdyk**, GDA2020 Implementation Program Manager (NSW), *NSW Spatial Services*

Joel Haasdyk is the GDA2020 Implementation Program Manager for NSW, overseeing datum modernisation across government, industry and education sectors. Joel is a Geodetic Surveyor within Spatial Services where his work has included establishing high-precision monitoring of the CORSnet-NSW network, and the development of GDA2020 and ATRF.

GDA2020 has been defined since 2017 and adopted in NSW from January 2020. CORSnet-NSW and SCIMS (NSW Survey Control) have supported GDA2020 since mid-2019. The DCS Spatial Collaboration Portal can now provide data in both GDA94 and GDA2020. But we're not done yet! Learn what DCS is working on to extend support for GDA2020, what's coming down the pipeline next and what you can do to prepare for life in a multi-datum workspace.

**Rob Matthews**, *Heli Surveys*

Rob Matthews has been developing various aerial remote sensing techniques and software for 6 years. This includes 4K mapping, thermal surveys and weed surveys from both manned helicopters and UAVs.

In April 2020, Heli Surveys undertook an aerial survey of a 53,000 ha area in the Riverina. The survey was conducted by helicopter over a 5 day period primarily focusing on mapping rabbit warrens. Heli Surveys have developed a method for enabling large scale mapping of areas using 4K video cameras, 3 axis stabilised gimbals and mapping software.



**Shalin Limbachia**, Coordinator, Service Delivery, *NSW Spatial Services*

Shalin Limbachia is the Coordinator, overseeing Business Intelligence for Service Delivery. Shalin manages continuous improvement of the Spatial Services product and services portfolio. The key to Shalin's role is analysing, collating, and reporting on a range of business activities gathered from Spatial Services clients and systems and providing this information back to the organisation.

Service Delivery provides the link between Spatial Services business units and our customers. With a focus on making it easier for both the spatial and broader community to engage with Spatial Services, our business streams concentrate on business intelligence and analytics, customer engagement, data supply, innovation and evolving products and services.

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## DAY TWO: Tuesday 4 March

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**Erin Telford**, Supervisor, Cadastral Development, *NSW Spatial Services*

Erin Telford is the Supervisor of the Cadastral Development Team and her team is one of three teams within the Cadastral Spatial Programs Unit. Erin's team focus on improving the positional accuracy of cadastral land parcels and related property layers. In addition to this Erin also leads the Survey Plan Digitisation Project and works closely with councils and stakeholders to provide advice and assistance on all cadastral spatial positioning and related enquires.

Discover our current Cadastral Spatial Programs as well as how we are transforming hard copy Deposited Plans and Strata plans into digital and 3D and utilising this data in our Upgrade Programs. Also learn more about ePlanning and 3D buildings.

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**Simone Reedy**, Place Name Manager, Geographical Names Board, *NSW Spatial Services*

### **Place Naming and the NSW Place and Road Naming System**

For the past year Simone Reedy has been the Place Names Manager. The Geographical Names Board (GNB) is a small team, who are responsible for administering place and road names within the State.

The GNB is committed to reawakening Aboriginal place names in NSW. Learn about how the GNB has been working to promote and grow Aboriginal languages in NSW. Find out the benefits of the road and place name proposal system as well as the recently implemented key enhancements.

### **Addressing in NSW**

Currently working with the GNB, Simone Reedy's regular role is Supervisor in the Addressing team where she has worked closely with councils for the past 10 years, providing advice and assistance on addressing and addressing related matters. Simone has played a major role in the development of Whole of Government addressing solutions.

Find out more about Spatial Services' initiatives including address validation and location-based reporting that was used during the NSW bushfires and COVID-19 response. Find out the benefits of the LGAWG social media platform and the revised NSW Addressing User Manual (AUM).

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**Shawn Ryan**, Supervisor Elevation and Water Programs, Environmental Spatial Programs, *NSW Spatial Services*

Shawn Ryan is the Supervisor of the Elevation and Water Programs in the Environmental Spatial Programs team. He is also the Manager of Spatial Service's Remote Sensing Services and Equipment (ReSSE) prequalification scheme.

There has been a lot happening in the Imagery and elevation space within Spatial Services. This presentation will discuss new products available from Spatial Services, what is in the pipeline for the Environmental Spatial Programs team and the Remote Sensing Services and Equipment prequalification scheme.



**Brenton Ray**, Supervisor, Imagery Program, *NSW Spatial Services*

Brenton Ray is the Supervisor of the Imagery Program incorporating traditional 4 Band imagery products from airborne sensors as well as 3D reality mesh products from RPAS platforms and terrestrial laser scanning. Brenton has over ten years' experience in the spatial industry and brings this to his additional role as Technical Lead for NSW Spatial Digital Twin.

The NSW Spatial Digital Twin is an ecosystem of platforms, infrastructure, data, and information management governance arrangements consisting of:

- 4D Foundation Spatial Data
- Spatial Collaboration Portal
- Digital Twin Visualisation Service (DTVS)

Learn what 4D will mean for NSW. This session will provide an update on the program including its expansion to support some regional areas and precincts. It will also provide an opportunity for discussion on how you can leverage and participate in the program.

## PAYMENT & REGISTRATION

Conference registration is through Sticky Tickets.

[https://www.stickytickets.com.au/658pw/mapped\\_out\\_spatial\\_data\\_conference\\_2021.aspx](https://www.stickytickets.com.au/658pw/mapped_out_spatial_data_conference_2021.aspx)

**REROC Member Price: \$275.00** (incl. GST)

Includes Conference Registration for Wednesday 3 and Thursday 4 March and the Cocktail Reception on Wednesday 3 March 2021

**Early Bird Registrations: \$275.00** (incl. GST) – **CLOSES COB FRIDAY 5 FEBRUARY 2021**

Includes Conference Registration for Wednesday 3 and Thursday 4 March and the Cocktail Reception on Wednesday 3 March 2021

**Delegate Registrations: \$330.00** (incl. GST) – **CLOSES COB FRIDAY 26 FEBRUARY 2021**

Includes Conference Registration for Wednesday 3 and Thursday 4 March and the Cocktail Reception on Wednesday 3 March 2021

\* Note these ticket prices are not inclusive of the credit card fee charged at checkout.

## CONFERENCE TO BE HELD AT

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

## ADDITIONAL INFORMATION

Accommodation is available at the Rules Club for 10% off the cheapest price available at time of booking. To receive the discounted price please call the Rules Club Wagga on 02 6931 2000 (not available for online bookings) and ensure you let the hotel staff know that you are a part of the conference.

A Cocktail Reception will be held at the completion of the first day of the Conference. This is included in the ticket pricing, if you would like to purchase additional tickets to the Cocktail Reception at \$44, these can be purchased through Sticky Tickets.

## FOR FURTHER INFORMATION

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