



SMIC NEWS

ISSUE NUMBER 80
November 2024

IN THIS ISSUE

PG. 2

189th General Meeting with BOSSI

Upcoming Events

PG. 3 - 6

Industry Reports

PG. 7 - 8

Survey Education Reports

PG. 9

SMIC Scholarship

PG. 10

SMIC Representatives

The Surveying & Mapping Industry Council of NSW (SMIC NSW) is the peak geospatial information industry body in NSW, with representatives from government, private industry, professionals and the tertiary education sectors.

SMIC NSW receives its funding from its constituent organisations in accordance with its Constitution.

BE A TAFE NSW TEACHER

Calling all qualified and graduate/registered surveyors and spatial information professionals



If you have:

- The certificate IV in Training and Assessment (TAE40122) or capacity to complete this with the support of TAFE NSW
- A qualification in either the Certificate III in Surveying and Spatial Information Services or
- Certificate IV in Spatial Information Services or Certificate IV in Surveying or Diploma of Spatial Information Services or Diploma of Surveying
- A minimum 5 years current relevant industrial experience, after completion of a Certificate III qualification/s

Join a dynamic training environment in Newcastle, Riverina, Ultimo or Wollongong. Email your resume and qualifications to Sam Ebert, Team Leader Infrastructure, Civil Mining and Surveying at Samuel.Ebert@tafensw.edu.au

LATEST MEETING

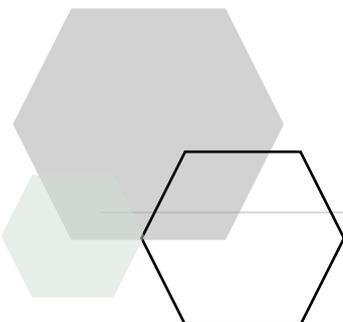
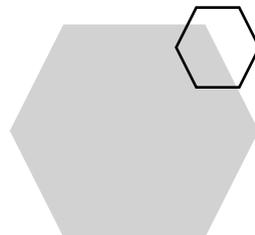
The 189th General Meeting of the Surveying & Mapping Industry Council of NSW was held on 29th November 2024 at the McKell building Sydney and via video conference.

UPCOMING EVENTS

The following CPD and general interest events may be of interest to our readers. For more information, or details on recorded webinars, please contact the organisers or visit their websites.

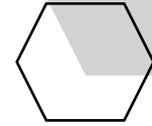


DATE	HOST	EVENT DETAILS	LOCATION
20 Dec 2024	AIMS	Christmas Networking Event	Queens Wharf Hotel 150 Wharf Road, Newcastle NSW 2300
17 Jan 2025	ISNSW	ISNSW Candidate Workshop: Instructional Weekend	ISNSW Office
01 Feb 2025	ISNSW	ISNSW Candidate Workshop: Plan Assessment Workshop	ISNSW Office
07 Feb 2025	ISNSW	ISNSW Candidate Searching Workshop	ISNSW Office
14 Feb 2025	ACS	ACS NSW February Webinar	Online via Microsoft Teams
20-21 Feb 2025	ISNSW	ISNSW Annual Conference 2025	Novotel Sydney, Brighton Beach
10 Mar 2025	ACS	Practice Managers Forum	ACS Office Level 12, 49-51 York Street, Sydney NSW 2000
11 Mar 2025	ACS	Upskilling Program	Online and ACS Office Level 12, 49-51 York Street, Sydney NSW 2000
14 Mar 2025	AIMS	AIMS Mudgee Regional Seminar	Parklands Resort, Mudgee 121 Ulan Road, Mudgee NSW 2850
17 Mar 2025	ACS	Surveying Unleashed	Sydney, location TBA
27 Mar 2025	ACS	NSW Business Academy	ACS Office Level 12, 49-51 York Street, Sydney NSW 2000



INDUSTRY REPORTS

The following information may be of interest to members of our constituent organisations and the general public



Association of Consulting Surveyors NSW (ACS)

Highlights

- We are looking forward to the release of the Surveying and Spatial Information Regulations next month. Following an extensive consultation process we will work to communicate the details across the membership once they are available. We anticipate this will be implemented through webinars, the ACS Roadshow and E-Alerts.
- Country Surveyors October Conference: ACS supported this annual event in Broken Hill. Despite the regional power issues, the event was very successful with over 100 surveyors attending the 2.5-day event.
- The ACS Candidate workshop program 41 Summer 2024 have commenced. The workshops will take place over the next 2 weeks for; Engineering, Strata and Community, and Town Planning.
- Following the Mentoring Surveyors Discussion Paper an update has been provided, and we look forward to implementing BOSSI's recommendations. ACS has included mentoring training into program delivery for 2025
- ACS Upskilling continues to be very popular. Our October session on Drafting attracted strong attendance. In addition to the technical content discussion included remote workforce and how to ensure projects are accurate and completed on target. In addition to this, our advocacy work in collaboration with ISNSW and Surveyors Australia continues to remain high priority.

Discussions continue with the Department of Planning regarding the planning portal.

Summary

- Department of Planning: ongoing discussions with Planning regarding the portal and development issues.
 - ACS AGM was held on 21st October 2024. Jeremy MacCue has replaced Andrew Halmarick on the Board
 - Following our Board strategic planning session last month, ACS NSW Professional development program will be released over the next few weeks.
 - Dates for 2025 Business Academy are. Session 1. 27-28 March, Session 2 5-6 June Session 3, Graduation 24-25 June.
 - The shutdown of the 3G network is complete. We are still seeking opportunities for government support for related costs.
 - Digital Plans meeting with LRS are now more regular as we seek to continue to ensure the implementation is smooth across the industry.
- **The Calendar of Events can be found here:**
<https://www.consultingsurveyors.com.au/events-and-training/upcoming-events/> .
 - **The Calendar of Events can be found here:**
<https://www.minesurveyors.com.au/events.html>

Australian Institute of Mining Surveyors (AIMS)



Geospatial Council of Australia (GCA)	<ul style="list-style-type: none"> ▪ The Calendar of Events can be found here: https://geospatialcouncil.org.au/events/
Institution of Surveyors NSW (ISNSW)	<p>Highlights</p> <ul style="list-style-type: none"> • Increased CPD and networking opportunities for 2024. ISNSW hosted 20 Regional Group seminars, and 39 other events/webinars/workshops. This is up from 44 in 2023. • Search Workshop (13 Sept) was a huge success. It was an identified knowledge gap from Rural Surveying bootcamp. The second Search workshop is scheduled for 7 Feb 2025 • Implemented Urban workshops (9 Nov) well attended with valuable mentors assisting. • Completed Dept of Edu and TAFE student engagement day (22 Oct) aimed to promote the profession and attract more students to studying/a career in surveying. Had 50 people attend in person and over 100 people online. Organised 4 panellists to speak to the opportunities and diversity that surveying offers • Celebrated Hume and Hovell’s expedition bicentenary with Murray, Surveying Heritage Group, and ISV • Annual Golf Day (19 Nov) was sold out • AGM saw 4 new Directors join the Board <p>Summary</p> <ul style="list-style-type: none"> • Emerging Surveyors are developing a mentee/mentor program alongside ISNSW developing a workshop to upskill mentors • Undertaking an audit of NSW firms who advertise land survey works to confirm who their Registered Surveyor is • CPD Committee is refreshed and looking at ways to improve the delivery of CPD to increase engagement • June 2025 Azimuth will be a national edition, have sought content for all jurisdictions • Met with Ryan Hanrahan Dept of Education Policy Officer to discuss tertiary funding • Met with Michael Player Dept NSW Planning and discussed a severe surveyor shortage and the impact on housing targets and growth • Involved with Arts, Comms, Financial Industries and Property Services (ACFIPS) Focus Group – to assess whether the digital technologies taught at TAFE are aligned to workforce application <ul style="list-style-type: none"> • The Calendar of Events can be found here: https://www.surveyors.org.au/events/events-calendar
Surveyor General (SG)	<p>Highlights</p> <p>Surveying and Spatial Information Regulation 2024</p> <ul style="list-style-type: none"> • The final draft of the Regulation remake is complete with the intent to publish at the end of the Calendar year with a commencement date of 1 March 2025. • Public consultation received over 900 comments which generated approximately 130 amendments. • SGD7 is progressing with public consultation planned for the end of January to early February, and the release schedule for Mach 1st 2025 <p>SCIMS & SCIMS Mobile App Review</p> <ul style="list-style-type: none"> • A Have Your Say survey is currently open for feedback from SCIMS and SCIMS Mobile App users on potential improvements that could be made. • Log in to https://www.nsw.gov.au/have-your-say and scroll down to the ‘Survey Marks Database and Mobile App’ tile to complete the survey.

Summary

Board of Spatial and Surveying Information

- The week of 14 October 2024 BOSSI undertook Assessments of Candidate Competency (Land). 92 examinations were scheduled, 85 examinations were undertaken by 76 candidates across the range of competencies.
- The results included 59 competent and 26 not yet competent results.

October 2024	Rural	Urban	Strata	Engineering	Town Planning	Total
Competent	9	8	11	9	9	46
Conditional	2	4	4	1	2	13
Not Yet Competent	6	1	6	2	11	26
Withdrew	1	2	-	2	2	7
Total	18	15	21	14	24	92
Competency Rate*	50%	53%	52%	64%	38%	*excluding conditionals
Competency Rate	61%	80%	71%	71%	46%	

- 8 Certificate of Competency Recipients have been confirmed out of the October land examinations.
- The BOSSI Annual Report is complete and available on the BOSDSI Website.
- The BOSSI calendar of events for 2024 will be finalised at the Board meeting Thursday 28 November 2024.

Geographical Names Board

- Geographical Names Board (GNB) has officially launched on nsw.gov.au. This change aligns GNB with the whole-of-government website strategy to create a single, usercentric digital experience based on customer needs.
- The GNB held its final meeting of 2024 on 12 November. This calendar year the GNB has:
 - o Assigned 59 place names, of these:
 - 14 used Aboriginal language,
 - 2 were dual names,
 - 10 were commemorative names.

Surveying and Spatial Information Regulation 2024

- The final draft of the Regulation remake is complete with the intent to publish at the end of the Calendar year with a commencement date of 1 March 2025.
- Public consultation received over 900 comments which generated approximately 130 amendments.
- SGD7 is progressing with public consultation planned for the end of January to early February, and the release schedule for March 1st 2025.

Survey Control Information Management System (SCIMS)

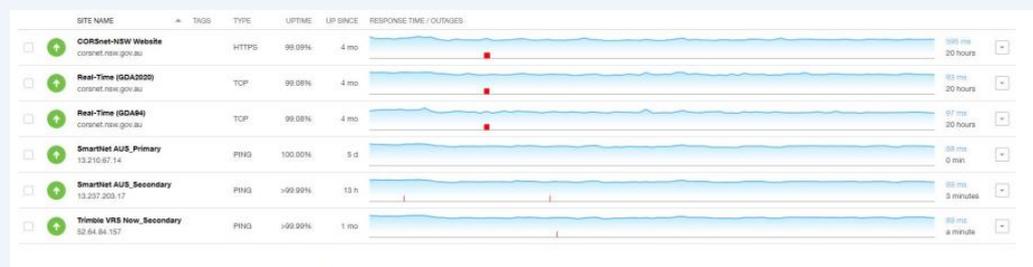
- In the first quarter of FY24-25, the SCIMS team:
 - o received and processed 511 Locality Sketch Plans
 - o updated coordinates for a further 112 marks in SCIMS
 - o distributed 578 unique numbered survey marks to industry NSW State Adjustment & Survey Mark/Datum enhancements
- The 6 monthly refresh of the NSW Survey Control Information Management System (SCIMS) was completed in Nov. The Nov 2024 state adjustment now includes:
 - o Overall SCIMS station count: 152,800 marks
 - o Overall stations in State adjustment: 184,300

- o Overall measurement count: 1,317,000
- o Next refresh of SCIMS using the updated State Adjustment: May 2025.
- o Work continues to consume the remainder of our regional archives into the state adjustment
- o **New APREF (Asia Pacific Reference Frame) constraints for the CORS**

- This was a significant behind the scenes effort, to bring APREF back up to date after a 2 year wait for updates from G.A.
- How does it affect you? CORS will achieve Class 3A(hz) / 2A(h) sooner, as APREF will now update more frequently.

CORSnet-NSW

- CORSnet-NSW staff System uptime for CORSnet-NSW services, and GDA94 and GDA2020 casters is Web services and customer VPNs remained above 99% (99.08%). .



- 16 sites were visited for upgrades and routine maintenance including:
- receiver upgrade program (to comply with SLAs for equipment currency).
- battery refresh and lithium upgrades (for safety and performance).
- 5 Optus modems installed for redundancy
- 1 site upgraded to 5G for improved performance
- 1 Site – Camden decommissioned: due to previous flooding events.

HOW TO ESTABLISH A SURVEYING & SPATIAL SERVICES TRAINEESHIP IN YOUR WORKPLACE

- 1. Employer selects Australian Apprenticeship Support Network (AASN)**
Contact your local Apprenticeship centre for more information
- 2. Recruitment process to select suitable candidate**
The traineeship must be established within 3 months of an employee starting employment with your company.
- 3. Employer selects a Registered Training Organisation (RTO)**
Contact Sam Ebert from TAFE NSW at samuel.ebert@tafensw.edu.au or Peta at the Surveyors Academy (ITA) at peta@ita-au.edu.au
- 4. Apprenticeship centre assists employer to complete required paperwork**
- 5. RTO in consultation with employer develops a Training Plan**
- 6. Training Plan delivery commences**
- 7. Apprenticeship Centre Tracks trainee progress, conducts eligibility for the employer, provides mentoring and support**
RTO and employer work together to assess the trainee through their competencies
- 8. Traineeship Completed**

Employers **must** provide their trainee study release each week to get the best engagement with their training, while ensuring a suitable life-work-study balance is maintained.

Available Traineeships

- Certificate III Surveying & Spatial Information Services
- Certificate IV Surveying & Spatial Information Services (General)



SURVEYING EDUCATION REPORTS

The following information may be of interest to members of our constituent organisations and the general public



TAFE NSW

Highlights

TAFE NSW is refining its Operating Model. This will result in better coordination of our Surveying and Spatial Information delivery across the state under a new Faculty structure. John Tannous and surveying teachers delivered 'Launch Your Career' with Department Education and Training (DET) and industry representation. A video has been created to promote the industry to schools and parents. Equipment upgrades continue at Newcastle campus

Summary

TAFE NSW Operating Model

- The organisation is being restructured to align to a Faculty Model. This is in response to the interim NSW VET review.
- This will deliver coordinated training of all disciplines state-wide.

Conversion of Part-time Casual Teachers to Permanent Part-time Teachers

- Part-time Casual Teachers (PTCT) currently have the option to convert to Permanent Part-time. This is to improve job security for TAFE NSW teachers.

Launch Your Career

- Launch Your Career is series of interactive events connecting students with industry to identify future career pathways. DET, TAFE and industry delivered a successful event in Sydney 22nd October 2024 showcasing Surveying and Spatial to parents and students. Videos for careers advisors, students and parents were created.
- TAFE NSW presented at this weeks **Mapped Out** conference at Wagga Wagga. The work being done with school was highlighted and was well received by participants.

Equipment upgrades at Newcastle campus

- Due to increased enrolment numbers at Newcastle campus, new equipment requests have been submitted to ensure quality learner experience

University of New South Wales (UNSW)

Highlights

Bare Island Project
UNSW Annual Thesis Conference
School of CVEN 75 year celebration

Summary

Bare Island Project

Field Projects 2 is a capstone course for final year students where they engage in a large project. This year 15 students used 8 different laser scanners to scan all of Bare Island (south of La Perouse, Sydney) and georeferenced it to MGA2020 and AHD. They produced 3 point clouds (Riegl static, Leica static and MLS point cloud) one of which comprised 2.6 billion points to sub-cm accuracy. They compared all scanners against a control and produced a report available upon request – all in 10 weeks. An ambitious

undertaking and rich education indeed. Look out for their presentation at the ISNSW annual conference.

<https://www.linkedin.com/feed/update/urn:li:activity:7265591161505947648/>

UNSW Annual Thesis Conference

The UNSW annual thesis conference attracted 22 surveyors and numerous students. 14 students presented their topics ranging from 3D cadastre, to engineering, drones at a mining site, bathymetry survey estimating silt in a dam, GNSS heighting, remote sensing and communications in surveying. These were very high standard presentations and hopefully you will see some of them again at the ISNSW Annual conference or group meetings.

School of CVEN 75 yr celebration

On Nov 18 the School of Civil and Environmental Engineering celebrated their 75 yr anniversary. 400 alumni were invited to attend. They enjoyed a walk through of the facilities in the building and a showcase of the current research and teaching undertaken in the school. This culminated in a research poster competition with our top research students, some speeches and lots of networking. To quote the NSW Minister for Education in 1949, "UNSW will produce a standard of technological training previously unattainable in this country." As the highest ranked engineering university in Australia, I would like to think we are achieving this goal and what a privilege that the BE(Surveying) program finds itself in such auspicious company.

[LinkedIn](#)



SCHOOL BASED TRAINEESHIPS

School based traineeships (SBATs) are available for the CPP30221 Certificate III in Surveying and Spatial Information Services.

For further information and details on how to apply, please visit:

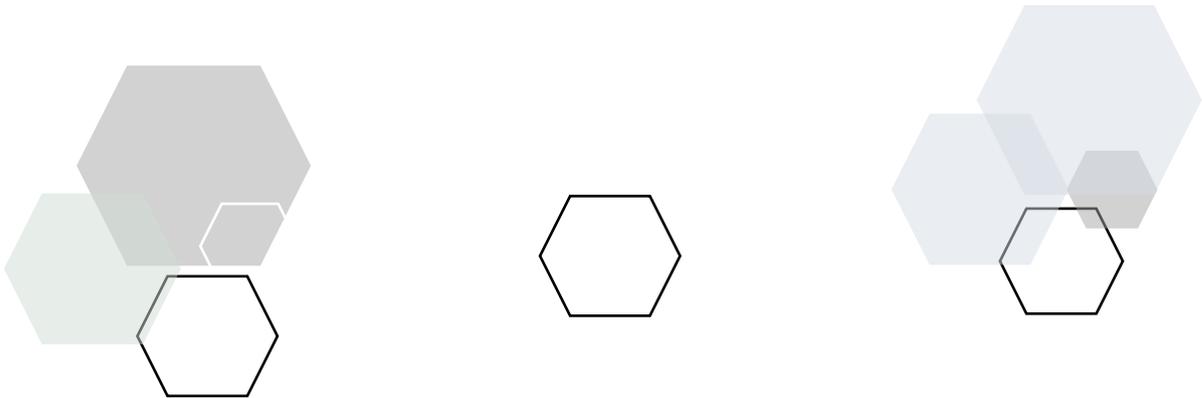
<https://education.nsw.gov.au/schooling/students/career-and-study-pathways/school-based-apprenticeships-and-traineeships/getting-started/sbat-faq>

SMIC TRAINING SCHOLARSHIP PROGRAM

SMIC in conjunction with TAFE NSW offer a scholarship program for potential part-time teachers in Surveying and Spatial Information who are studying towards their TAE40122 Certificate IV in Training & Assessment. This qualification is a pre-requisite for teaching at TAFE. The scholarships are to a value of up to one thousand five hundred dollars.



ELIGIBILITY CRITERIA	SELECTION CRITERIA
a) Australian citizen or permanent resident of Australia	a) Meet eligibility criteria
b) Made an application for or is enrolled in TAE40122	b) Academic merit
c) Haven't received the scholarship previously	c) Reasons for undertaking TAE40122
d) Hold a recognised surveying qualification	d) Demonstrated teaching ability and aptitude
	e) Career direction, aspirations and goals
	f) Teaching qualities
	g) Motivation and attitude

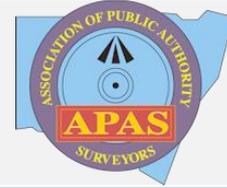


SMIC REPRESENTATIVES

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Association of Consulting Surveyors NSW



Association of Public Authority Surveyors



Australian Institute of Mine Surveyors



Geospatial Council of Australia



The Institution of Surveyors NSW



Surveyor General NSW



Surveying & Mapping Managers Forum



TAFE NSW



University of Newcastle



University of Southern Queensland



University of NSW

Chair	Thomas Grinter
Deputy Chair	Michelle Blicavs
Secretary/Treasurer	Mathew Hynes
Executive Officer	Chelsea Maresso