

IN THIS ISSUE

PG. 2

187th General Meeting

Upcoming Events

PG. 3 - 5

Industry Reports

PG. 6

Surveying & SIS Traineeships

PG. 6 - 8

Surveying Education Reports

School Based Traineeships

PG. 9

SMIC Scholarship

SMIC NEWS

ISSUE NUMBER 78

July 2024



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 187th General Meeting of the Surveying & Mapping Industry Council of NSW was held on Friday 5th July 2024 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.

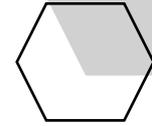


DATE	HOST	EVENT DETAILS	LOCATION
11 July 2024	ISNSW	ISNSW Hunter Manning Regional Group Seminar	Club Maitland City
24 July 2024	ISNSW	ISNSW Webinar: Terrestrial Laser Scanning with Greg Ledwidge	Webinar
29-31 July 2024	ACS	National Surveying Congress 2024	The Heritage Queenstown - 91 Fernhill Road, Queenstown NZ
1 August 2024	GCA	Discover the undiscovered: Patterns can be found in nature wherever you look	Webinar
2-4 August 2024	ISNSW	ISNSW Candidate Workshops: Day 1, 2 & 3 - Instructional Workshop - click here for further information	ISNSW Office
9 August 2024	ISNSW	ISNSW Cumberland Regional Group Seminar	Liverpool Catholic Club, 424/458 Hoxton Park Road, Prestons
12 August 2024	ISNSW	Emerging Surveyors Webinar: The Seaforth Case with Mick Brown	Zoom
16 August 2024	GCA	Spatial Information Day (SID)	Adelaide, SA
17 August 2024	ISNSW	ISNSW Candidate Workshops: Day 4 - Land XML - click here for further information	ISNSW Office
19-21 August 2024	AIMS	AIMS 2024 National Conference	Crown Perth
21 August 2024	ISNSW	ISNSW Sydney North Regional Group Meeting & AGM	Roseville Golf Club
24 August 2024	ISNSW	ISNSW Candidate Workshops: Day 4 - Plan Assessment Workshop - click here for further information	ISNSW Office
29 August 2024	GCA	Life After University: Navigating the post-study landscape	Webinar
30 August 2024	GCA	NSW Geospatial Excellence Awards	Darling Harbour, NSW
5-6 Sept 2024	ISNSW	ISNSW/AIMS Central Western Regional Group 2-day Seminar - Save the Date	Dubbo RSL
10 Sept 2024	ISNSW	ISNSW/ACT Seminar	Office of the Surveyor-General and Land Information
21 Sept 2024	ACS/ISNSW	2024 Excellence in Surveying and Spatial Information (EISSI) Awards	The Hyatt Regency Sydney



INDUSTRY REPORTS

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



Association of Consulting Surveyors NSW & Consulting Surveyors National (ACS & CSN)

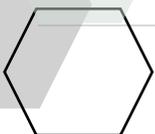
- Over the past six months ACSNSW has delivered a full program of events and services across the state.
- Highlights:**
- The 2024 NSW Roadshow was held from April to June, in 6 major regions. There was strong attendance at all locations due to the significant interest in the NSW Land Registry Services workshop on updates on Digital Plans and the CAD Translator
 - The annual State Conference was held in June at parliament house and is a critical event for our profession. It is a 2-way street, an opportunity for the ministers and members of parliament to tell us what is on their agenda and their priorities and for our members to highlight the importance of our industry and any concerns they may have.
 - Our monthly webinar and upskilling programs have continued to attract strong attendance. These programs will continue to the end of the year.
 - The ACS NSW Tennis Championship was a fantastic opportunity for friendly rivalry between firms. This day is proving to be very popular.
 - Winter 2024 June Candidate workshops have commenced
 - Business Academy - The NSW Cohort 2024 is concluded; the QLD 2024 cohort is on the way - final session in August. NZ Business academy 2024 session 2 in July in Queenstown. In addition to this, our advocacy work in collaboration with ISNSW and Surveyors Australia continues to remain high priority.
- The Remake of the Surveying & Spatial Information Regulations 2024. The closing date for consultation is 15th July. We have invited member input and will be putting in a submission on these proposed changes.
 - National Surveying Congress takes place from 29- 31 July. The event is being held in Queenstown NZ. The 2-day program includes key professionals from across Australia and NZ representatives. This event will provide valuable opportunity for collaboration and knowledge exchange across Australasian representatives.
 - 3G Submission - We have been called to give evidence at the parliamentary enquiry later this month. The Federal budget of 16th May has continued "The Instant Asset Right Off for a second year. This is up to \$20,000, and eligible for small businesses. We have suggested to our members that it be used to cover some of their costs to upgrade their equipment.
 - The Calendar of Events can be found here:**
<https://www.consultingsurveyors.com.au/events-and-training/upcoming-events/> .

Australian Institute of Mining Surveyors (AIMS)

- The Calendar of Events can be found here:**
<https://www.minesurveyors.com.au/events.html>

Geospatial Council of Australia (GCA)

- The Geospatial Council of Australia (GCA) has opened nominations for the 2024 Geospatial Excellence Awards
The Geospatial Excellence Awards are the industry's premier platform to celebrate the achievements of top geospatial organisations and individuals, showcasing the finest projects and most significant performance of professionals the industry has to offer.
Click here to download the 2024 Nomination Guide: <https://tinyurl.com/yz9b5xwu>
All entries must be completed via the online awards portal by 12th July. You can submit an entry here: <https://tinyurl.com/2wr4p39m>
- The Calendar of Events can be found here: <https://geospatialcouncil.org.au/events/>



Institution of Surveyors NSW (ISNSW)

- Over last 3 months ISNSW has delivered 17 Regional Group seminars, webinars and events across NSW bring 762 people together.
- ISNSW North Coast Group has been renamed to Northern Group to better reflect the Group’s geographic footprint.
- Re-introduced an annual CPD requirement for Associate level members - to ensure the highest level of professional competence is maintained.
- Rural Surveying Bootcamp – a huge success, covered topics such as work safety, rural etiquette, railway boundaries, easements, riparian boundaries, survey marks, equipment use, survey standards, rural marking, and fence types, field trips to various significant sites, including Trig Station 6780 Baw Baw and a blazed reference tree at Towrang. A number of initiatives have sprouted from this eg mentoring program, urban bootcamp
- Developing Urban Surveying Bootcamp - November 2024
- Surveying & Spatial Information Regulation remake submission in draft, facilitating Regional Groups discussion and forums
- Housing and Productivity Contribution - ongoing
- University funding - met with University Accord Commissioner - matter remains ongoing
- Azimuth Winter Edition released
- **Upcoming Events**
 - 11 July - ISNSW Hunter Manning Group Seminar, Newcastle
 - 24 July - Terrestrial Laser Scanning with Greg Ledwidge
 - 2-4 August - ISNSW Candidate Workshops (Instructional)
 - 9 August - ISNSW Cumberland Group Seminar, Liverpool
 - 12 August - Emerging Surveyors Webinar: Seaforth Case
 - 17 August - Candidate Workshop - Land XML
 - 21 August - ISNSW Syd North Group Seminar, Syd
 - 24 August Candidate Workshop - Plan Assessment Day
 - 5-6 Sept - ISNSW Central West & AIMS Seminar, Dubbo
 - 10 Sept - ISNSW/ACT Seminar
 - 21 Sept - EISSI, Syd
 - 20-21 Feb 2025 - Annual Conference 2025, Brighton Le Sands
- **The Calendar of Events can be found here:** <https://www.surveyors.org.au/events/events-calendar>

Surveyor General (SG)

- NSW is undertaking a remake of the Surveying and Spatial Information Regulation 2017 which is due to be repealed on 1 September 2024.
- A draft Surveying and Spatial Information Regulation 2024 is currently available for consultation (14 June - 15 July 2024) on the NSW ‘Have Your Say’ website.
- SCIMS Online is moving to the Spatial Collaboration Portal (SCP) on 16 July 2024:
 - All SCIMS users have been notified
 - SIX will redirect users to SCP
 - All users will need to set up a multi-factor ID to access the SCP

Board of Surveying and Spatial Information (BOSSI)

- BOSSI hosted the annual candidate workshop at the Kurri Kurri TAFE campus on 10 and 11 May 2024. This year's event was a great success with 35 candidate surveyors and eight mentoring surveyors coming together to interact and learn about the examination and registration process from experienced professionals.
- The BOSSI secretariat are currently processing surveyor registrations, candidate and AMR renewals. All registration renewals must be submitted, and payment made by 31 August. Failure to do so will result in removal from the register.

Geographical Names Board (GNB)

- The GNB has revised its proposed timeline for the review and update of the NSW Place Name Policy. The draft policy will be published on 'Have Your Say' in late August seeking community feedback, with an aim for the final version to be published by November 2024.
- This calendar year the GNB has:
 - o Officially assigned 22 place names, including two dual names,
 - o Advertised 39 place names for public comment,
 - o Reviewed 355 road names on behalf of the NSW Surveyor-General, and
 - o Gazetted 262 road names.
- A short video promoting place naming as a way of reawakening and preserving Aboriginal languages has recently been produced by the GNB and is available on the website https://www.gnb.nsw.gov.au/aboriginal_place_naming. It will also begin broadcasting on (SBS) NITV from Monday, 1st July and will continue to run as an interstitial between shows for the next three years.

Surveyor Generals Directions/S&SI Regulation

- NSW is undertaking a remake of the Surveying and Spatial Information Regulation 2017 which is due to be repealed on 1 September 2024.
- A draft Surveying and Spatial Information Regulation 2024 is currently available for consultation (14 June - 15 July 2024) on the NSW 'Have Your Say' website.

NSW State Adjustment & Survey Mark/Datum enhancements

- The 6 monthly refresh of the NSW Survey Control Information Management System (SCIMS) was completed in May. The May 2024 state adjustment now includes:
 - o Overall SCIMS station count: 152,000 marks
 - o Overall stations in State adjustment: 182,000
 - o Overall measurement count: 1,290,000
- Next refresh of SCIMS using the updated State Adjustment: Nov 2024.
- All available archived measurements for our Sydney 'Metro' region are now included in our state adjustment.
- Work continues to consume the remainder of our regional archives into the state adjustment.

Survey Control Information Management System (SCIMS)

- In the fourth quarter of FY24, the SCIMS team:
 - o Received and processed 618 Locality Sketch Plans
 - o Updated coordinates for a further 94 marks in SCIMS
 - o Distributed 618 unique numbered survey marks to industry

CORSnet-NSW

- System uptime for CORSnet-NSW services, and GDA94 and GDA2020 casters is 100%. Web services 99.99% and VPN uptimes to data resellers is better than 99.99%.
- 14 sites were visited for upgrades and routine maintenance including:
 - o receiver upgrade program (to comply with SLAs for equipment currency).
 - o battery refresh and lithium upgrades (for safety and performance).
 - o 5G capability rolled out at one site
- CORSnet-NSW network software upgraded to a new version enabling new web functionality and performance enhancements
- Migrated monitoring of all devices to cloud based services (over 1000 services), live and historical performance measures, alarms and controls.



SURVEYING EDUCATION REPORTS

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

Arts Communications Finance Industries and Property Services (ACFIPS ITAB)

- Traineeship commencement in 2024 have declined to 37 from 2023 high of 67.

Surveying and Spatial Information Traineeship commencements	2023	2024
CPP30221 Certificate III in Surveying and Spatial Information Services	49	18
CPP41721 Certificate IV in Surveying and Spatial Information Services	14	16
CPP50121 Diploma of Surveying	2	3
CPP50221 Diploma of Spatial Information Services	2	0
Total	67	37

- Smart and Skilled supported Surveying and Spatial Information commencements for the first half of 2024 are better than those for the full year 2022 but have declined on 2023 commencements.

Surveying and Spatial Information S&S commencements	2022	2023	2024
CPP30221 Certificate III in Surveying and Spatial Information Services	149	219	154
CPP41721 Certificate IV in Surveying and Spatial Information Services	15	10	23
CPP50121 Diploma of Surveying	1	13	2
CPP50221 Diploma of Spatial Information Services	1	0	0
Total	166	242	179

- The withdrawal of Boosting Apprenticeship Commencement funding (BAC) has impacted the number of students commencing Surveying and Spatial Information courses.
- Smart and Skilled commencements are getting close to pre-covid commencements.
- National data on Surveying and Spatial Information VET enrolments for 2023 will be available in August 2024.

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

1. Employer selects Australian Apprenticeship Support Network (AASN)

Contact Apprenticeship Support Australia (ASA) Tabea Francia ASA Account Manager 0491 699 447 or email tabea.francia@apprenticeshipsupport.com.au

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 Apprenticeship Support Australia or TAFE NSW

4. ASA consultant assists employer to complete required paperwork

5. RTO in consultation with employer develops a Training Plan

6. Training Plan delivery commences

7. Apprenticeship Support Australia 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

Available Traineeships

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



University of New South Wales (UNSW)

- **Digital Twin and Land Tenure Engineering Lab**
Our Digital Twin and Land Tenure Engineering Lab is advising the Ministry of Land and Natural Resources in Vanuatu.
<https://www.linkedin.com/feed/update/urn:li:activity:7211148594744082432/>
- **ARC Linkage project**
ICSM is partnered with the Digital Twin and Land Tenure Engineering Lab on the ARC Linkage project on validating back captured 3D cadastral plans
- **Visiting Professor Xinxin Guo from China**
Associate Professor Xinxin Guo from China is visiting the Digital Twin and Land Tenure Engineering Lab to develop a web map of carbon footprints in Australia and China.
<https://www.linkedin.com/feed/update/urn:li:activity:7208604340268224512/>
- **New MPhil student Tori Murrant**
We welcomed Tori Murrant to the Digital Twin and Land Tenure Engineering Lab as an MPhil student. Tori also works in GIS at Monteath & Powys
<https://www.linkedin.com/feed/update/urn:li:activity:7206140260337012736/>
- **GCA Webinar success**
Craig Roberts presented a Webinar: GNSS Heighting for the Modern Surveyor, 27 June. 500 registrations (Zoom limit) and very good feedback. Largest ever webinar for GCA.

NSW Surveying Taskforce

- This financial year Surveying Careers has participated in: 28 Career Expos across regional and metropolitan areas Supported 10 special events (maths in surveying days and Surveying Unleashed events)
 - Increased our presence at Industry events and conferences
 - Events toolkit is completed and was trialled at the Tamworth Surveying Unleashed held in June
 - Work experience: we have placed 77 students and have a growing number of students in the pipeline.
- Coming up:**
- ACT Immersion project is underway (project is a pipeline of events culminating in a week long non- residential camp) giving students a deep dive into surveying
 - Programming for 2024-25 is underway
 - Illawarra Mining and Cadastral Surveying event in partnership with RIEP program, AIMS and South 32
 - ISTEM, Professional Development Day for teachers - working with RIEP coordinators. Proposed date for late August - in Sydney



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>

Industry Training Alliance (ITA)

- 1. First cohort in July 2024** - we are planning to start our first cohort through ITA in July 2024. This will most likely be a Diploma of Surveying cohort. We are currently investigating the numbers across Australia for both Diploma and Certificate IV to ascertain suitable start dates.
- 2. TAE for Surveyors** - a number of surveyors have reached out to us expressing an interest in teaching. We have looked into options for them and AusSearch has offered to sponsor some partial scholarships for anyone interested to do their TAE. We have also discussed the possibility of interested surveyors presenting certain topics as "Subject Matter Experts," which would have less time commitment and does not require TAE.
- 3. Non-Accredited Short Courses** - we will be running a number of short courses over the rest of the year. We will start with a short course in project management in June, a course on WHS safety for surveying supervisors and managers in August, and an 'Introduction to Surveying' course for non-surveyors, like office managers and admin support in August. We also plan to run a CAD short course in September and a GIS short course in November. We have an industry working group made up of surveyors and subject matter experts and potential teachers, to ensure we are providing suitable subject matter for each short course relevant to industry needs.

4. Surveyors Academy cohort update:

- The Surveyors Academy is still working with RPS Energy RTO with the current Cohorts. This will continue until ITA is approved.
- currently have 2 Certificate IV cohorts running, one finishing by the end of May, and the other to be completed by Feb 2025.
- There is currently one Diploma cohort running, which will be completed by November 2024.
- There are currently 370 people of our Expression of Interest list.

TAFE NSW

- Enrolments have been good for our mid-year intakes. Of particular interest is the surge in enrolments at Newcastle campus. The ability to connect our delivery enables us to support these increased numbers. New teachers are settling in. There has also been refinement in the surveying and spatial delivery in South region. The Industry Innovation Specialist is progressing 'Launch Your Career' with Department Education and Training (DET) and industry representation.
- **2024 mid-year enrolments**
Ultimo, Wollongong and Thurgoona (NEC) and Newcastle campuses are taking mid-year enrolments.
- **New staff**
The three Pay To Learn surveying Teachers (two at Yallah (Wollongong) campus and one at Thurgoona (NEC)) are progressing through their studies and being mentored in the classroom. They will commence full-time programs in semester 2.
- **Machine Control Guidance**
 - The second intake for Statement of Attainment Machine Control Guidance Surveying Skillset will be run at Westrac, Tomago 8-19 July.
 - This innovative training is applying fundamental surveying and positioning concepts to earthmoving and mining equipment operation.
- **Launch Your Career**
 - Launch Your Career is series of interactive events connecting students with industry to identify future career pathways. DET, TAFE and industry are proposing an event in Sydney showcasing Surveying and Spatial to parents and students.
 - Video production will commence in August capturing exciting examples from this industry sector.

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) Have not received the scholarship previously	c) Reasons for undertaking TAE40122
d) Hold a recognised surveying qualification	d) Demonstrated teaching ability and aptitude
e) Complete TAE40122 within 18 months of commencement	e) Career direction, aspirations and goals
	f) Teaching qualities
	g) Motivation and attitude

Applications for the next round close on Friday 16th August 2024. For further information and application forms please refer to the Education Options tab under Services on our website www.smicnsw.org.au or email us at smic@smicnsw.org.au



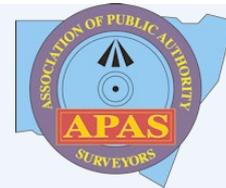


SMIC REPRESENTATIVES

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.



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	Michaela Hansen



The Chair - SMIC NSW

smic@smicnsw.org.au
www.smicnsw.org.au

