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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

LATEST MEETING

The 185th General Meeting of the Surveying & Mapping Industry Council of NSW was held on Friday 9th February 2024 via videoconference.

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.

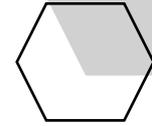


DATE	HOST	EVENT DETAILS	LOCATION
19 February 2024	ACS	Northern Territory Surveying Forum	The Hilton Hotel, Darwin
22 February 2024	ACS	Adam Grant Live: Unlock Hidden Potential & Transform Worklife	Melbourne, Sydney, Online
22-23 February 2024	ISNSW	ISNSW Annual Conference 2024	Fairmont Resort, Blue Mountains
28 February 2024	ACS	Sunshine Coast Surveying Forum	The Sebel, Maroochydore
28 February 2024	ISNSW	ISNSW Sydney North Regional Group February Meeting & Golf	Roseville Golf Club, 4 Links Avenue Roseville
5 March 2024	ACS	"How to Calibrate and Validate" with Vittorio Sussanna	49-51 York Street Sydney or via Zoom
8 March 2024	GCA	International Womens Day Breakfast	QLD, VIC, NSW
8 March 2024	ISNSW	International Womens Day - Women in Surveying with WiSE	The Green Moustache, Level 10/100 Miller St North Sydney
14 March 2024	GCA	WA Digital Twin Symposium	Novotel Perth Langley, WA
18 March 2024	ISNSW	Emerging Surveyors Webinar Strata Mini Series Part 2 with Elly Ashley	Online
21-22 March 2024		Country Surveyors Association of NSW Easter Conference 2024	Novotel Sydney Central Ultimo
22 March 2024	AIMS	AIMS Regional Seminar - Mudgee	Parkland Resort & Conference Centre, Mudgee
27 March 2024	ISNSW	ISNSW Surveying Heritage Group Luncheon	Scratchleys on the Wharf - 200 Wharf Road Newcastle
18-19 April 2024	ACS	Business Academy - QLD Class 2024	TBC
1-2 May 2024	ISNSW	Sydney Build Expo 2024	ICC Exhibition Centre Sydney
3-4 May 2024	ISNSW	ISNSW North Coast Regional Group 2-day Seminar	BreakFree Aanuka Beach Resort, Coffs Harbour
7 May 2024	GCA	Locate24	International Convention Centre, Sydney
8-9 May 2024	ACS	New Zealand Business Academy - NZ Class 2024	Queenstown, NZ
14 May 2024	ISNSW	ISNSW Surveying Heritage Group Luncheon	Club York Sydney, 95 - 99 York Street Sydney
15 May 2024	ISNSW	ISNSW Hunter Manning Regional Group Seminar	TBC



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)

Upskilling program - This project has been in ACS' strategic plan for some time and is a strategic initiative to increase skills across the various areas within a surveying firm. The program is for: Surveyors, Tech support staff, Drafter, Admin Staff, and graduates. The program has a theory and practical component and is being offered monthly.

Candidate Workshops - we recently held the mid assessment candidate workshop for those undertaking the BOSSI exams in March. 44 candidates participated over the 5 days covering Strata (5), Town Planning (22) and Engineering (17).

Business Academy has kicked off - this is a very popular program that continues to draw surveyors from across the state and will be delivered in NZ this year.

ANZCO Codes - Recommendation has been submitted to ABS to change the classification of surveyors for the next census. These codes help Government to determine the needs and priorities across the country. We are pleased that Land, Engineering and Mine Surveyors have been separated at both the professional and technical levels. We will continue to advocate for some minor adjustments to what is proposed.

2024-25 Pre-Budget Submission to The Treasury - Surveyors Australia made a submission to the Federal Governments Pre-Budget process. This is the first time we have taken part in this important process. These submissions are predominately made by businesses, associations and charities and are considered by Treasury and the relevant Ministerial Departments as they develop the budget. Our submission aims to support the needs of small business, provide taxation support (especially with equipment upgrades needed for the upcoming switch off of the 3G network) and unlock infrastructure to ensure we have the right conditions into the future. It also touches on a need to assist with migration, and to provide mutual opportunities for training our Pacific neighbours. Importantly, we placed a significant focus on funding and support for education and training to help further address the skills shortage and provide ongoing development for those in our industry.

The Calendar of Events can be found here:

<https://www.consultingsurveyors.com.au/events-and-training/upcoming-events/> .

Australian Institute of Mining Surveyors (AIMS)

- AIMS held their Hunter Valley Seminar in November 2023 which was well attended. It included a candidates seminar the day before to help those candidates prepare for the upcoming project presentations.
- On the back of a successful calendar of seminars in 2023 AIMS is planning to host several seminars. The next one is planned for Mudgee in March.
- AIMS continues to engage with the Resources Regulator in finding a solution to the recent changes to the Plan Room at the Maitland Office. The room houses archival mine plans that are important in conducting archival research for Mine Surveyors to identify historical workings around their mines.
- Congratulations to James Sherritt who was voted in as the new President of AIMS taking over from Shane Watson. Shane has stepped back after several years in the position and James has taken over after serving as Vice President. James is the Nominated Mine Surveyor at Wambo United Joint Venture in the Hunter valley.

▪ **The Calendar of Events can be found here:**

<https://www.minesurveyors.com.au/events.html>

<p>Geospatial Council of Australia (GCA)</p>	<p>The Calendar of Events can be found here: https://geospatialcouncil.org.au/events/</p>
<p>Institution of Surveyors NSW (ISNSW)</p>	<p>ISNSW Annual Conference (22-23 Feb) Fairmont Resort, Blue Mountains - in person registrations are nearly sold out.</p> <p>Emerging Surveyors Committee - developing bi-monthly webinars for 2024.</p> <p>Developing Rural Bootcamp - learn the art and practice of rural surveying covering a combination of basics and technical skills sets.</p> <p>Building Commission’s co-regulation submission in progress.</p> <p>Events:</p> <ul style="list-style-type: none"> ▪ 12 February - Emerging Surveyors Webinar - Rob Monteath ▪ 18 March - Emerging Surveyors Webinar - Elly Ashley ▪ 22 - 23 February - Annual Conference ▪ 27 February - UNSW Surv Soc BBQ ▪ 28 February - Syd North Group seminar & golf ▪ 8 March - International Women’s Day - Women in Surveying with WiSE event ▪ 25 March - Surveying Unleashed ▪ 27 March - Surveying Heritage Group lunch ▪ 4 April - St George/Sutherland Group seminar ▪ 3 - 4 May - North Coast Group 2-day seminar ▪ 8 May - Sydney North Group seminar ▪ 14 May - Surveying Heritage Group lunch ▪ 15 May - Hunter Manning Group seminar ▪ 16 - 18 May - Rural Bootcamp ▪ 13 June - St George/Sutherland Group seminar ▪ 14 June - Southern Group seminar <p>The Calendar of Events can be found here: https://www.surveyors.org.au/events/events-calendar</p>
<p>NSW Surveying Taskforce</p>	<p>Surveying Unleashed to be held 25th March 2024 at Pier One Hotel and schools are booking fast, still more sponsors needed to cover the event costs.</p> <p>Maths in Surveying Days increasing across the state.</p> <p>Developing our work experience support materials to enrich the experience for students - this is specifically interactive programs for use when students are not on site and working in the office.</p> <p>Train the trainer event to promote the iSTEM course with teachers.</p> <p>Conferences for 2024 - ISNSW - National Congress - AIMS - STEM</p> <p>Building collaboration with other states to encourage and guide the development of their programs.</p>
<p>Surveyor General (SG)</p>	<p>Digital Survey Plans</p> <ul style="list-style-type: none"> ▪ A revised Delivery Plan is being developed to update industry on progress and timelines as well as introduce the workstreams that will facilitate development. ▪ DCS Spatial Services together with Office of the Registrar General, NSW Land Registry Services and the Department of Planning, Housing and Infrastructure have been developing the requirements to build a link between LRS Connect and the Planning Portal to enable concurrent consents to be gathered as well as enable efficiencies to be gained during the consent gathering process. ▪ Workshops on digital plans with the surveying industry have been held covering the next round of improvements to LRS Connect (PPN Management and CAD Translator Service) as well as Charting information on Digital Plans to be introduce over the next 18 months.

Board of Surveying & Spatial Information (BOSSI)

- BOSSI are currently managing and processing examination applications. Mining examinations commenced on the 7 February 2024 and 4 mining examinations were undertaken. A high number of land examinations are expected to be held in March with the secretariat processing a high number of applications across all competencies.
- BOSSI are holding Land Examinations the week of 11 March 2024.
- The BOSSI Presentation Ceremony is being held on 12 April 2024 in Sydney.

Geographical Names Board (GNB)

- In March the GNB will hold its 400th meeting at the State Library of NSW. To mark the occasion and highlight the important work of the GNB a small reception will be held afterwards.
- A short video promoting Aboriginal place naming is currently being produced by the GNB and will be made publicly available in the coming months.
- The GNB continues to promote and support Aboriginal place naming and has approved the following names since November 2023:
 - Wangal Park
 - Gugara Park
 - Dyanmila Park
 - Burumin Reserve
 - Walgun/Cape Byron
 - Nguthungulli/Julian Rocks
 - Piccabeen Park

Surveyor Generals Directions

- Updates of SGD7 – S&SI Regulation 2024 - Applications & SGD6 - Water as a Boundary will be released in conjunction with the remake of the S&SI Regulation

Survey Operations*Operations & Compliance*

- The remake of the S&SI Regs is progressing well, full new draft of the remake was received last Friday and is currently under review by the Cadastral Management Unit (CMU).
- DCS Spatial Services Survey Operations team held its annual Survey Training event in Bathurst in November, and once again it was a resounding success. Our survey teams gathered for an enriching session filled with insightful presentations on cadastral and geodetic matters, as well as leveraging technology and automation to further support the surveying and spatial industry. The event showcased completed projects and offered a sneak peek into the exciting new ventures on the horizon. The enthusiasm and engagement that our staff demonstrated highlighted their dedication to staying at the forefront of developments in the surveying and spatial information field.



- A Survey Apps team has been formed with the following core functions:
 - LX2S Project
 - Survey tools

The team is using Atlassian JIRA Project Management software to manage the project workflows which is proving to be a very useful tool.

- Fuelled by a passion for efficient performance, DCS Spatial Services is now providing innovative survey hardware to the survey industry - beginning with the introduction of new lightweight cover boxes. Our Survey Control Information Management Systems and Continuous Operating Reference Systems (SCIMS and CORS) teams have introduced the boxes, which provide significant benefits for consumers. The new Australian-made covers, manufactured in Orange, NSW, are more than six kilograms lighter than their cast-iron predecessors as well as being corrosion-resistant and cost less than half the price of the cast iron alternative. The dimensions of the plastic cover box and the shape is identical with the cast iron one and only for use in non-trafficable areas. The plastic cover boxes are now available for purchase. Survey mark hardware is sold in accordance with the Surveyor General's Directions Number 1. Details of distributions centres can be found here (on the final page): <https://lnkd.in/daYCK4hQ>



Survey Control Information Management System (SCIMS)

- State Adjustment result (November run)
 - 50% of SCIMS now have horizontal Positional Uncertainty (HPU)
 - 72% of Established marks have HPU (... just let THAT that sink in...)
 - 65% of HPU are 20mm or better
 - 95% of HPU are 40mm or better

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



SURVEYING EDUCATION REPORTS

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

TAFE NSW

2024 Enrolments

- Ultimo, Wollongong and Thurgoona (NEC) campuses are oversubscribed in Certificate III Surveying and Spatial Information Services.
- Enrolment numbers are good in the other qualifications offered.
- The Certificate IV Surveying and Spatial Information Services, Diploma Surveying and Diploma Spatial Information Services are free for NSW residents.

New staff

- There are three new Pay to Learn surveying Teachers engaged, two at Yallah (Wollongong) campus and one at Thurgoona (NEC).
- We have a new Acting Head Teacher for Surveying and Spatial Information Services while the incumbent is on 2 months leave.

Equipment uplift

- The computer laboratory at Thurgoona campus has been upgraded over the Christmas break. This will enable more learners in the room and much better technology to support delivery.
- New surveying equipment is being procured at multiple campuses to keep TAFE NSW current with industry expectations.

University of New South Wales (UNSW)

New Industry Lecturer position at UNSW

We are delighted to announce that Sandra Hoffmann has now commenced employment as our industry lecturer as of January 22 2024. This position is the first half industry funded, education focussed lecturer position ever offered at UNSW and we are truly grateful to the 5 members of our consortium supporting this position: Lyntons Surveys, Land Partners, SDG, Land Surveys and CMS Surveyors. Sandra is a Registered Land Surveyor and former alumni of UNSW. She brings some teaching experience having already taught part of our Professional Cadastral course for 4 years. We have big plans for Sandra whose wealth of experience for technical surveying courses such as cadastral, CAD, survey comps and survey camps will be so valuable for students. We see this appointment as important for strengthening relationships with our wider industry.

Student numbers are up for 2024 at UNSW

While it is too early to give definitive numbers, all indications are that we are likely to see as many as 30 students commencing in surveying programs in 2024. This is up from low 20s in 2023. Big thanks to the NSW task force for all your efforts.

Drone capabilities at UNSW

We have complete pack of RPA (drone or UAV) aerial survey equipment in SAGE:

- DJI M300 RTK drone (and 4 more other drones)
- DJI P1 RGB camera (DJI Zenmuse P1 45MP Full-Frame Camera with 35mm lens)
- DJI L1 lidar (Zenmuse L1 LiDAR and RGB Solution)
- FLIR thermal camera for DJI drones (Teledyne FLIR Unveils Radiometric Vue TZ20-R Thermal Zoom Drone Payload)
- MicaSense multispectral camera.

We have two CASA approved pilots and one works half time at the School of Aviation with access to a plane with airborne Lidar, hyperspectral and digital photogrammetry. We are always looking for projects to engage our students.

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>

SMART AND SKILLED FUNDED SURVEYING AND SPATIAL INFORMATION COMMENCEMENTS

COURSE CODE	COURSE NAME	2021	2022	2023
CPP30216	Cert III in Surveying and Spatial Information Services	125		
CPP30221	Cert III in Surveying and Spatial Information Services		133	179
CPP40216	Cert IV in Surveying	1		
CPP41721	Cert IV in Surveying and Spatial Information Services		15	2
CPP50116	Diploma of Surveying	1		
CPP50121	Diploma of Surveying		1	
CPP50221	Diploma of Spatial Information Services		1	
	Total	127	150	181

Note: The data above recognises only Smart and Skilled supported training. If your company is looking to hire new staff, please investigate how a trainee may benefit your business



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

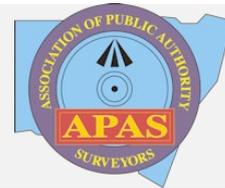
Applications for the next round close on Friday 8th March 2024. For further information and application forms please refer to the Education Options tab under Services on our website www.smicnsw.org.au or email us at smic@smicnsw.org.au

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



Surveying & Mapping
Industry Council of NSW

The Chair - SMIC NSW

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