

ISSUE

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# SMIC News



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## 179<sup>th</sup> General Meeting

The 179<sup>th</sup> General Meeting of the Surveying & Mapping Industry Council of NSW was held on Friday 18<sup>th</sup> of November at the ACS NSW offices and 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.

- **28-30 November 2022** – ACS – Candidate Workshop Summer 2022 Program 37, Engineering Design – Sydney
- **30 November 2022** – ISNSW – Annual General Meeting – ISNSW Head Office and Zoom
- **1 December 2022** – SSSI – ACT Twilight Land Surveying Seminar – Canberra
- **1 December 2022 – 24 January 2023** – ACS – Candidate Workshop Summer 2022 Program 37, Strata and Community Title Schemes – Sydney
- **6-7 December 2022** – ACS – Candidate Workshop Summer 2022 Program 37, Town Planning – Sydney
- **23-24 February 2023** – ISNSW – Annual Conference 2023 – Newcastle Exhibition & Convention Centre
- **10 March 2023** – AIMS – Mudgee 2023 Seminar – Parklands Resort and Conference Centre Mudgee

## BE A TAFE NSW TEACHER



**TAFE** NSW

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

### If you have:

- The Certificate IV in Training and Assessment (TAE40116) 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](mailto:Samuel.Ebert@tafensw.edu.au)

# 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)

- Surveyors Academy launched its pilot program in early September. Nine students are currently enrolled in the Cert IV course and ten are enrolled in the Diploma course.
- The Country Surveyors November Conference was held in Griffith from 3<sup>rd</sup>-5<sup>th</sup> November. 107 attendees took part in the 2 ½ day program which was delivered onsite and online. The program was very well received, and planning is underway for 2023.
- ACS Surveyors Roadshow was held from 3-25 October. Over 200 surveyors attended the event, which was held in 6 locations across NSW: Albury, Orange, Bowral, Port Macquarie, Newcastle, and Sydney.
- The ACS Business Academy will graduate 23 students in 2022. Twelve students from NSW, five students from QLD, and six students from VIC.
- The Calendar of Events can be found here - <https://www.acsnsw.com.au/events/upcoming-events/>

## Institution of Surveyors NSW (ISNSW)

- Heroes of the Harbour event took place on 18 October 2022 at the Sydney Opera House to commemorate and celebrate the surveyors who were involved in the construction of the Sydney Opera House and Sydney Harbour Bridge. Mike Elfick, the surveyor who was heavily responsible for the set-out of the sails of the Sydney Opera House discussed in detail the survey tasks and difficulties the surveyors faced, particularly as this was before the general use of digital data and instruments.
- Cadastral Workshops were hosted in the ISNSW Office. Theory weekend was 10-11 September, LandXML Day 17 September and Plan Assessment Day was on 24 September. We had 70 candidates involved across the workshops.
- The team is excited to welcome Alana Scott as the new Event and Education Officer at the end of November. Sadly, ISNSW has received recent resignations from CEO, Amy Lowe, and President, William Hamer. As such, Rachel Greenwood has been appointed acting CEO and Mitchel Hanlon as acting President.
- An update on the ISNSW Board is as follows: Aaron Fleury, Adrian Barden, Matt Hynes, Michael Green, Michael Spiteri, Mitchel Hanlon, Robert Monteath, and Tom McDonald.
- ISNSW Regional Group Chair meetings have successfully been held on 2 September and 4 November online.
- The Calendar of Events can be found here - <https://www.surveyors.org.au/events/events-calendar/>

## NSW Surveying Taskforce

- Requests for work experience have increased significantly over the past nine months as have the requests for study pathways and general information.
- 35 work placements are anticipated to be completed by the end of the year.
- Planning is underway for 2023, with activities to include events, work experience placements, career expos and school presentations.
- Diversity in Surveying Day 2023 is scheduled for mid-March and will follow a similar format to this year.
- In regards to iSTEM the NSW Department of Education have had some delays in rolling out the new curriculum, however we have been advised that it will be live next year.

## Surveying and Spatial Sciences Institute (SSSI)

- Range of regional conferences held with excellent participation and some conferences still coming up.
- AGM held on November 21 with a merger vote to occur.
- The Calendar of Events can be found here - <https://sssi.org.au/events-awards/events>

## Surveyor General (SG)

- A soft launch for NSW LRS Connect release 3, including migrating plan lodgment across from ePlan, is now scheduled for December 2022. Full launch of NSW LRS Connect release 3 is scheduled for early 2023, at which stage the online plan lodgment portal will move from ePlan to NSW LRS Connect.
- Capture for the NSW Gravity Model is currently at 32% of the State. Completion of the project, including capture and delivery via NSW government portals is due to be completed in December 2023.
- Work is continuing on the update of SGD6 *Water as a Boundary*, SGD8 *Mining Tenure Surveys* is to be released for industry review this month. SGD11 *Preservation of Survey Infrastructure* is currently under final stages of review.
- Several enhancements are being made to improve the timeliness and completeness of information in SCIMS.
- **Geographical Names Board (GNB)**: The GNB is in the process of creating a dual names web map. Currently there are 44 dual names assigned in NSW, with three currently under consideration.
- **Board of Surveying and Spatial Information (BOSSI)**: The week of 17-21 October 2022 BOSSI undertook Assessments of Candidate Competency (Land). The week included 102 exams with 87 candidates across the range of competencies. The results included 82 competent and 20 not yet competent results. The BOSSI Annual Report is complete and has gone to the Minister for approval.



# Surveying Education Reports

## TAFE NSW

- Wollongong and Ultimo staff recently received Leica scanner training. This technology will be used in delivery of the Surveying Diploma as well as other discipline areas within TAFE NSW.
- All campuses have engaged new part-time teachers whilst there is continued promotion of the SMIC TAFE scholarship to encourage new teachers.
- There is ongoing work on a pathway for TAFE NSW Diploma graduates to UNSW. The issue is mapping TAFE's mathematics units. TAFE NSW is also close to finalising a pathway with the University of Southern Queensland.
- TAFE NSW has been engaging with industry to develop training in Machine Control Guidance across all industry sectors (civil construction, agriculture, mining). Initial training may be micro-credentials or skillsets building up to a new qualification that incorporates units of competency from surveying, mechanical and telecommunications.
- TAFE NSW worked with Veris and Wumara to establish a 3-unit skillset to attract year 11 and year 12 indigenous students to surveying. Skillset graduates were offered employment with Wumara in NSW and were put through the *Certificate III Surveying and Spatial Information Services* qualification. A new Sydney-based and Melbourne-based cohort will commence in 2023.



## University of New South Wales (UNSW)

- Surveying and Geospatial Engineering (SAGE) has employed two female staff members for one year. Associate Lecturer Badel Pokharel and Associate Lecturer Sharaeh Akbarian are employed on a part-time basis to fill in for A/Prof Samsung, who is seconded to the School of Medicine as part of a research project involving GIS in epidemiology.
- SAGE has run a workshop on digital engineering in construction and infrastructure engineering as part of the 3D Geo Conference in October. If you are interested in the details and presentations, please get in touch with [mohsen.kalantari@unsw.edu.au](mailto:mohsen.kalantari@unsw.edu.au)
- IGNS 2022 will be held on 7-9 December and will be hosted on campus. For more information and registration, please follow the link <https://www.ignss.org.au>
- 6 UNSW students attended the SSSI NSW/ACT Regional conference on an industry funded scholarship program. The scholarships ensure students learn about the industry and increase employment opportunities.
- SAGE recently purchased 5 Robotic total stations (Topcon) for teaching with external tablets. There is also a new drone with the full suite of sensors: Photogrammetry, Lidar, Multispectral, and Infrared. SAGE welcomes research project ideas from the industry to leverage the new equipment.
- SAGE hosted 3 reunions on campus this year. The graduates of 1962, 1972 and 1976 in 3 separate events. Bruce Harvey updated the graduates about the program, and facilities took the graduates on a tour of the facilities.



## How to Establish a Surveying & Spatial Information Services Traineeship in YOUR workplace

1. **Employer selects Australian Apprenticeship Centre (AAC)**  
Contact Australian Business Apprenticeships Centre (ABAC)  
Bree Milburn ABAC Account Manager 1300 652 236  
[bree.milburn@australianbusiness.com.au](mailto:bree.milburn@australianbusiness.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 Australian Business Apprenticeship Centre or TAFE NSW
4. **AAC consultant 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  
Actions payments to employer
8. **RTO and employer assess trainee as competent**
9. **Traineeship Completed**

### Available Traineeships

- Cert III Surveying & Spatial Information Services
- Cert IV Surveying
- Cert IV Spatial Information Services
- Diploma Surveying
- Diploma Spatial Information Services

## Smart and Skilled funded Surveying and Spatial Information Commencements

| Commencements                   | 2020       | 2021       | 2022       |
|---------------------------------|------------|------------|------------|
| Cert III in Surveying & Spatial | 163        | 150        | 134        |
| Cert IV in Surveying            | 3          | 4          | 0          |
| Cert IV in Spatial              | 3          | 2          | 0          |
| Diploma of Surveying            | 2          | 1          | 1          |
| Diploma of Spatial              | 0          | 0          | 1          |
| <b>Total</b>                    | <b>171</b> | <b>157</b> | <b>136</b> |

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 TAE40116 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

- a) Australian citizen or permanent resident of Australia
- b) Made an application for or is enrolled in TAE40116
- c) Haven't received the scholarship previously
- d) Hold a recognised surveying qualification

### Selection Criteria

- a) Meet eligibility criteria
- b) Academic merit
- c) Reasons for undertaking TAE40116
- 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 **Friday 10 March 2022**.

For further information and application forms please refer to the Education Options tab under Services on our website [www.smicnsw.org.au](http://www.smicnsw.org.au) or email us at [smic@smicnsw.org.au](mailto:smic@smicnsw.org.au)



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