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Industry Reports

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

ACS – Michelle Blicavs has been appointed as the new CEO for ACS NSW, commencing full time in the role in January. Michelle's aim is to meet all members in her first three months in order to understand their businesses and what they require from the Association. She has already travelled to New England, northern and southern NSW.

- ACS is currently putting together its calendar for upcoming events with a focus on providing a variety of business and surveying events.
- ACS with the help of the rest of the profession would like to develop an awareness campaign with the target being the general public.
- AUSSearch has recently introduced new mapping which should improve service to surveyors.
- Surveying 2018 Conference is to be held in Sydney on 21-23 March with the theme being 'Future of the Surveyor'. NSW Deputy Premier, Hon. John Barilaro MP will be opening conference with Jeremy Cox, NSW Registrar General will discuss a commercialised cadastre. There will also be a cadastral leaders panel addressing cadastral training and audit programs including Surveyors General from NSW, SA and Victoria, and the Director of Surveys from Queensland.
- ACS proposed further co-ordination of CPD events within the profession for 2019 and is organising to have a meeting late 2018 for all organisations to get together to discuss this matter.

AIMS – This year's conference is to be held in Townsville on 12-14 September.

- Seminar was held in Singleton on 17 November. The morning candidate session saw 12 attendees and the afternoon general session saw 48 attendees present.
- 2018 AIMS awards nominations are now open with categories Mine Surveyor of the Year, Young Mine Surveyor of the Year, and Best Technical Presentation. Awards will be presented at conference in Townsville.
- AIMS has scholarships available for students studying surveying incorporating mining related fields. These scholarships are valued at \$1500/year and are available for 2018.
- AIMS are in continuing discussions with the Chief Inspector to promote auditing of mine surveying to the Regulator.

APAS – APAS Conference to be held at The Station Resort, Jindabyne on 9-11 April 2018

- 2019 conference to be held 1-3rd April in the Hunter Valley

ISNSW – In December 2017 a discussion forum was held with Presidents of ISV & SSSI with the view to commence a National Surveyors Discussion Forum to discuss national and international matters relating to surveyors. NZIS was also invited to meeting but was unable to attend but have indicated their support of this initiative. Items discussed at meeting included Surveying taskforce, Agenda 2026, GDA 2020, Possible TransTasman survey conference in 2019, need for more woman in surveying, and the rise of RICS. It is intended that this forum will meet regularly to continue the discussion.

- Australia Day Seminar 2018 was held in January with 350 surveyor from far and wide in attendance. With the impending increase in the minimum number of cadastral points from 3 to 5, ISNSW intends to organise a couple of cadastral webinars each year to assist surveyors to gain these points, particularly those outside the Newcastle/Sydney/Wollongong area. First webinar is proposed for April/May with tentative title of "how to minimise your requisitions".
- Second stakeholders meeting was held with Registrar General in February. Other representatives from ACS, Law Society, Bankers Association, and Institute of Conveyancers was in attendance. New acting CEO of Land Registry Services, Andrew Dutton was in attendance and gave an informative rundown on the process that LRS is following to bed down their acquisition.

Industry Reports Continued ...

SMMF – Recruitment across public sector continues with Office of Registrar General, Spatial Services, and Roads & Maritime Services are currently advertising positions for surveyors.

- Public Works Advisory have vacated McKell Building and are now based at Foreshore House, Harrington Street, The Rocks. Prime focus is on regional operations with major offices in South Coast, Riverina/Western, Hunter/New England, and North Coast.
- Minister Barilaro (Member for Monaro) has given a commitment that 50 new DFSI roles will be created in Queanbeyan either through transfer of existing roles or developing new business in the region. Public Works Advisory including surveying team is being asked to contribute roles for this initiative.
- David Brown is Acting Principal Surveyor, Sydney Trains until the role is filled permanently.

SSSI – Kei Nakakoji has been appointed as the new NSW/ACT Regional Office Manager.

- SSSI NSW Regional Conference with support from Spatial Services was successfully run at Bathurst in early December 2017. Conference also included SSSI NSW Individual Awards Ceremony.
- Next Regional conference is to be held in Wollongong during November 2018.
- SSSI National ran an Education workshop under the Education subcommittee in Sydney during December 2017 with participants from Academia, Research Institutions, TAFE, Representatives of Geography teacher associations, and Destination Spatial representatives. This Education workshop aligns with the 2026 Agenda Education initiative.

Surveyor General – DPXML Back Capture Project is continuing with over 200,000 plans now captured. These are mainly in the Sydney, Hunter & Illawarra Local Government Areas but also include regional local government areas such as Wagga, Hilltops, Bega Valley, and Walgett.

- Move for Sydney based Spatial Services to Level 21 of the McKell building has been delayed until September 2018.
- NSW State Archives and Records are in the process of finalising an exhibition called 'Blaze – working women, public leaders' which will centre on the first women to hold various government positions. This will include the position of Surveyor General and will include both physical and digital components. Exhibition will be launched at the Margaret Whitlam Galleries in late April 2018.
- Initial scoping to review the Surveying & Spatial Information Act 2002 has begun. It is envisaged that this will be a 2-3 year process and there will be plenty of opportunity for industry engagement. Potential areas for change include Datum, BOSSI reform, 6 month rule – unregistered surveyors, definition of land survey, destruction of survey marks powers, registration and endorsements, legal recognition of spatial data, and intelligent digital data such as but not limited to LandXML.
- Nicholas Gowans was announced as the winner of the 2017 NSW Surveyor Generals International Fellowship at the recent ISNSW Australia Day Seminar with his topic of research being "Vertical datum modernisation options for Australia".

Anzac Soil Collection Program

Over the past 18 months the Office of the Surveyor General (a part of DFSI Spatial Services) has been involved in the Anzac Centenary commemoration through the Anzac Soil Collection Program. Information about the project can be found [here](#).

As Surveyor General I'd like to take this opportunity to thank all of you who have responded to my request for help in collecting soil samples &/or being involved in public events for this amazing project throughout the State. The following statistics give you an idea on the level of support received from our amazing profession.

Our involvement is something you can all be proud of and I encourage you to visit the Hyde Park memorial and reflect when it is reopened to the public in November 2018.

Collection Statistics

DFSI Spatial Services	703 sites
Private Surveyors	174 sites
Members of the public	150 sites
Schools	144 sites
Public events	76 sites
Councils	51 sites

Private Surveyors

Garry & Steven Fuller	71 Sites
Andrew Nesbitt	29 Sites
Tom Casey	15 Sites
Jeff Brown & Steve Hogan	12 Sites
Matt Parker	12 sites
Luke Shirley	12 sites





Surveying Education Reports

University of Newcastle – The University of Newcastle has undertaken a process to adjust the names of many of its Engineering Degree Programs. As a result, students enrolling into Surveying Program at the University from 2017 will graduate with a Bachelor of Surveying (Honours). Students enrolled prior to 2017, will continue to graduate with the Bachelor of Engineering (Honours) (Surveying).

- To date there have been 45 acceptances into the Bachelor of Surveying Program and 5 into the Bachelor of Civil/Surveying Program for Semester 1, 2018. Final year student numbers also remain strong with 21 students enrolled to undertake their Final Year Research Project.
- The Surveying Program is about to commence the recruitment process for a junior academic (Lecturer). It anticipated that this position will be filled during 2018, and will add to the three current academic staff and one professional officer.

UNSW – Numbers are slightly down this year with draft numbers being 10 first year students for the dual surveying/civil degree program and 10 first year students for the surveying degree program. There is potential to increase during the year with students transferring from other engineering degree programs. Second year numbers are healthy with 55 students enrolled Survey Computations class. Possible 14-15 students will be eligible to graduate during the year.

- Four UNSW thesis students presented at the Australia Day Seminar including Kevin Song (“Town Planning for Bicycle Paths: UNSW-Redfern Bicycle Link”), Tom Bernstein (“Is Traversing a thing of the past?”), Ahmed El-Kiki (“Software ingestion of LandXML files”), and Luke Haavisto (“Indoor Positioning system using Bluetooth Beacons”).
- Current figures indicate that 15% of graduates from UNSW are women where at University of Newcastle it is 10%. Discussion ensued regarding the diversity of the profession and ways to increase diversity.
- In 2018, SAGE students will follow the CVEN model and present their almost completed thesis in week 11 of the session instead of at end of session. This will enable students to receive feedback before making final submission. Only those students with a weighted average mean (WAM) mark of 70 or above will be permitted to take on an individual research thesis. All other students will be undertaking a research project instead.
- New SAGE lab is taking shape after moving from top of Electrical Engineering building to the Civil Engineering building. This has mean a change to the name of the CORSnet-NSW station to UNW2 and a change in co-ordinates.
- Fourth year survey camp is this year being held at Wellington in combination with the 4th year groundwater engineering students. This will include designing better ways to measure the attributes of the numerous boreholes in the area using GNSS, total station and UAV’s, and a laser scan of the Wellington caves. Jinling Wang will also be conducting an on campus project combining scanning and photogrammetry. School is always open to new ideas for 4th year survey camp and encourages profession to forward ideas.
- UNSW hosted the IGNSS2018 conference from 7-9 February. This year’s theme was “Trusted Positioning: From here to autonomy”. Conference included presentations from the defence industries, and forum on the current SBAS test-bed trial. Prior to and during conference various meetings were held including RTCM-SC104 meeting, ICSM PCG meeting, Trimble GNSS user group meeting, QZSS Japan – Australia forum, and NPI advisory board meeting. Number of attendees was 146 which was an increase from previous year.
- Search for new discipline head for SAGE group has commenced.
- UNSW will change their teaching schedule from 2 x 13 week semesters to 3 x 10 week trimesters in 2018.

USQ – Currently USQ is not involved at SMIC even though 40% of their students are NSW based. USQ students also represent a large percentage of existing candidates currently seeking Registration in NSW. Discussion ensued on how USQ can be involved in SMIC. SG is to have discussions with USQ to determine their interest.



Available Traineeships

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

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

1. **Employer selects Australian Apprenticeship Centre (AAC)**
Contact Apprenticeship Support Australia (ASA)
Bree Hicks, Account Manager Bree.Hicks@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 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
Actions payments to employer
8. **RTO and employer assess trainee as competent**
9. **Traineeship Completed**

Surveying & Spatial Information Services Traineeship Numbers

Commencements	2015	2016	2017	2018 (numbers not yet available)
Cert III in Surveying & Spatial	4	8	12	
Cert IV in Surveying	2	3	2	
Cert IV in Spatial	8	6	1	
Diploma in Surveying	0	1	0	
Total:	14	Total: 18	Total: 15	

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 dollars.

Eligibility Criteria

- a) Australian citizen or permanent resident of Australia
- b) Made an application for or is enrolled in TAE40110
- c) Haven't received the scholarship previously
- d) Hold a recognised surveying/spatial qualification

Selection Criteria

- a) Meet eligibility criteria
- b) Reasons for undertaking TAE40116
- c) Career direction, aspirations and goals
- d) Demonstrated teaching ability and aptitude to mentor and share knowledge

Applications for the next round close **Friday 10 August 2018**.

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

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