

SMIC NSW Website

www.smicnsw.org.au

Have you had a chance to look at SMIC's new website?

Please take the time to check it out - we would love your feedback.

If you have any suggestions on content or links you would like to see added to the site please let me know!



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149th General Meeting

The 149th General Meeting of the Surveying & Mapping Industry Council of NSW was held on Friday 15th May 2015 at the office of Land & Property Information at Queens Square.

Andrew Bryson from CSPSITAB joined us again. There are now 4 confirmed traineeships commenced in the 2014/15 financial year but we still need more. Please refer to page 4 for a guide on how to establish a traineeship in your company.

As part of initiatives organised by the NSW Surveying Taskforce the Chair of SMIC, Narelle Underwood, recently gave a presentation to surveying students at the University of Newcastle. The aim of the talk was to expose the students to work of the Taskforce and encourage them to register on the www.alifewithoutlimits.com.au website to become ambassadors. It was also a chance to explain the process and requirements to become a Registered Land Surveyor in NSW and encourage them to become candidate surveyors while completing their university studies.

SMIC has agreed to contribute \$1500 towards to the NSW Surveying Taskforce for the 2015-2016 financial year. We encourage other organisations and companies to contribute or become involved.

The CPSISC project to review and redevelop Surveying and Spatial Information Services qualifications is ongoing. NSW is represented on the Project Reference Group by the Chair of SMIC and supported by a number of industry representatives who are acting as technical experts. I would like to take this opportunity to thank everyone who has contributed to the project by providing feedback, comments and suggestions as we work through the drafting process.

Stephen Saunders, Principal Surveyor of NSW Public Works gave the Council a presentation on the GNSS in Schools Program. Please refer to page 3 for a brief introduction and explanation of the program.

The AGM and next general meeting of the NSW Surveying & Mapping Industry Council will be held at the office of Roads & Maritime Services in Parramatta on Friday 17th July 2015.

Keep up to date, ask questions, or share information with SMIC by joining us at:



[LinkedIn](#)



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Change in Representation

After 3 years of service to SMIC as a representative of SMMF, Allan Gordon (RMS Maritime Survey Manager) has stepped down from the Council. Venessa O'Connell (Port Authority of NSW Survey Manager) who also represents AHS will take over his role.

Due to changes in work commitments Tom Williams has stepped down as the AIMS representative on SMIC.

Adrian Wall has volunteered to take over his role.

I would like to take this opportunity to thank both Tom and Allan for their contributions to the work of the Council over their years of service.

Current Representatives

ACS – Veronica Bondarew / Alan Turner

AIMS – Adrian Wall

GITA – Chris Hogan

ISNSW – Phil Hayward

ISNSW YS – Narelle Underwood

MSIA – Hank Staal

SMMF – Grant Kilpatrick, Venessa O'Connell, Stephen Saunders

SSSI – Bess Moylan

Surveyor General – Paul Harcombe

UNSW – Craig Roberts

University of Newcastle – Karl Bretreger

TAFE NSW – Sue Gibbons, Peta Cox

Executive Officer – Maria Jansen



Industry Reports

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

Full reports by the representatives on SMIC can be obtained on request by emailing smic@smicnsw.org.au

ACS – VET Reform Taskforce update: discussions occurring with Richard Smith (Australian Government Department of Employment) & Tracey Murphy (Traineeships/ Apprenticeship, policies and skills function branch), regarding VET reform taskforce to the national needs skills list submission. The national shortage in the Surveying Industry has been acknowledged, and although surveyors are not classified for additional funding through the *Australian Apprenticeships Incomes Incentive Program* (as it is classified a profession not a trade), a review is currently underway and ACS will be included in the consultation process.

AHS – The Fugro Australasian Hydrographic Symposium and Trade Exhibition will take place November 3-7 2015 in Cairns, Australia. Further information regarding the conference exhibition can be found at <https://consol.eventsair.com/QuickEventWebsitePortal/australasian-hydrographic-symposium-2015-and-trade-exhibition/ahsweb>

The AHS website has had a revamp and the Education section has also been updated <http://www.ahs.asn.au/Education.html>

The Port Authority conducted a trial of a terrestrial laser scanner mounted on our vessel. The results were pretty spectacular <https://www.youtube.com/watch?v=G0w5VauEPJA>

ISNSW – Attended Victorian Regional Conference in Wangaratta along with the ISNSW Murray Group where a Co-operative Agreement was signed by the Presidents of ISNSW, IS Vic and NZIS. Board of ISNSW attended 200th Anniversary of founding of Bathurst and the Regional Groups Dinner. Planning is well underway for EiSSI Awards night under the leadership of Craig Turner with ACS providing management. BOSSI presentation of Certificates of Competency to successful candidates for Registration at was held at the Institution headquarters.

SSSI – is currently undertaking a structural reform process. The SSSI Board has been seeking feedback on areas where the operations and the structure of the SSSI could be improved. You can contact the team at any time through taskforce@sssi.org.au or visit the website at <http://www.sssitaskforce.com>

Kelly Rischmiller (SSSI NSW Regional Operations Manager) has returned from leave. Kelly is the primary contact for SSSI NSW Region business. Kelly can be contacted on 02 8005 0972 or email rom.nsw@sssi.org.au

Surveyor General – There are currently 170 active CORNet-NSW stations. 74% of the state is within 50km of the nearest CORS (99.8% of the population).

Cadastre 2034: Powering Land and Real Property has been prepared by the Permanent Committee on Cadastre; a Subcommittee of ICSM. The draft Strategy represents the first phase in seeking broader community input and support for Cadastre 2034. The strategy captures the trends and articulates the vision of what ICSM believes the community will require of our cadastral system by 2034. It identifies where current information falls short of today's consumer expectations, and considers the user scenarios that could trigger changing needs in the future. Cadastre 2034 has been developed with input from a New Zealand perspective and Trans-Tasman collaboration remains an important feature of this strategy. The strategy requires collective thinking from government, industry, academia and the broader community if we are to create a compelling picture of a desirable future state of our cadastral system.

The Cadastre 2020 Program has been established to coordinate a number of initiatives which will impact the way cadastral and related information is sourced, managed and delivered by LPI. A Single Land Cadastre working group has also been formed to identify and address issues related to the creation and adoption of a single land cadastre for NSW. This group will consist of representatives from across government and industry. An engagement process has commenced to capture stakeholder issues and requirements. Please contact Adrian White; Adrian.White@lpi.nsw.gov.au or (02) 8258 7521, if you would like to participate or learn more about the program.

GNSS in Schools



AuScope

An organisation for a national earth science infrastructure program

Stephen Sunders – Principal Survey NSW Public Works

Geoscience Australia, through Auscope's AGOS program, is currently rolling out the 'GNSS in Schools' program Australia-wide. The main objectives of the program are to foster interest and broaden the knowledge of high school students in the area of surveying and spatial information with a particular focus on GNSS satellite mapping technology.

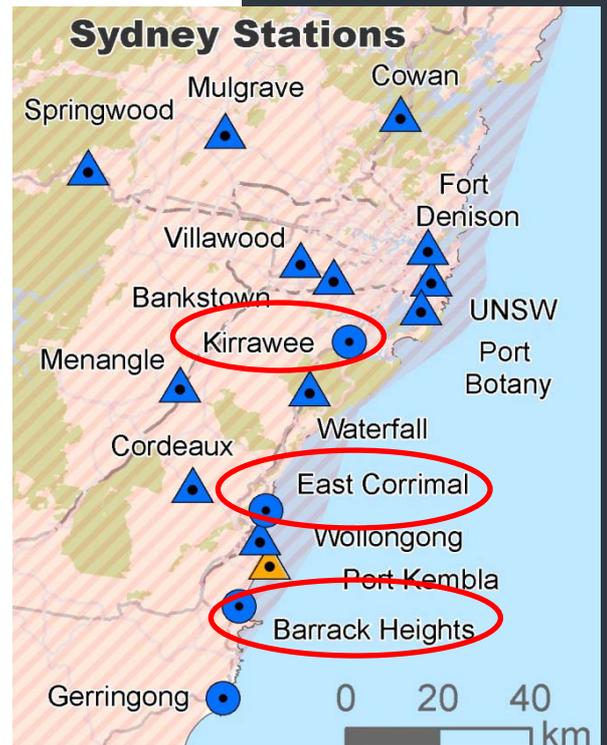
In NSW, the program aims to install permanent CORSnet-NSW GNSS reference stations within five NSW high schools. In addition to the infrastructure, each school receives an education package developed by the University of Tasmania specifically for this national program. Additionally, each school will receive a number of Garmin handheld GPS receivers to utilise in practical sessions to learn about mapping, navigation, distance and area measurements.

NSW Government has a role to play in the program. NSW Public Works has been engaged to manage the project including identifying suitable high school sites, negotiating and engaging with the schools, and facilitating the installation of the infrastructure, and assisting with rolling out of the associated educational program.

With the support of NSW Land & Property Information, NSW Public Works have successfully installed four CORSnet-NSW receivers at the following high schools: Warilla High School, Corrimal High School, Kirrawee High School, and Goulburn High School. In July, the final installation will take place at The Armidale School (TAS).

The sites were identified through a rigorous process of consultation and verification, with LPI nominating regions where CORS black-spots, network densification, and network back-up preferences could be addressed. Geoscience Australia also assisted our team by supplying school contacts from previous scientific education programs. Then, our team were able to either cull or include schools based on a desktop investigation utilising on-line aerial imagery and street mapping tools to assess the site suitability which requires clear sky, stable masonry buildings, and secure storage for the GNSS receiver cabinet. Following this assessment, an on-site suitability assessment was carried out and negotiations took place with each school to formalise the arrangement.

To add value to the program, NSW Public Works team has also committed to providing each school with a start-up tutorial that will provide the students and teachers with an introduction to satellite mapping technology, career pathways, and study options information. This program aims to boost the student numbers through increased awareness and by industry representatives directly engaging with high school students and teachers. We are confident this program will deliver outcomes that benefit our industry and help to fill those University and TAFE places to provide the next generation of surveyors.





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 Australian Business Apprenticeships Centre (ABAC)
Bree Milburn ABAC Account Manager 1300 652 236
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**

Surveying Education Reports

TAFE – Sydney has been reasonably successful in the initial transition from the subsidised fees to Vocation Education & Training Fee Help (VFH). They have strong enrolment numbers through all of our Surveying and Spatial courses and are utilising a more blended approach of face to face lessons and internet (MOODLE) units to strengthen flexibility.

Illawarra enrolments are strong and they have taken in a double intake for the Cert III full time this year. The Cert III, IV and Diploma are being offered in a blended/flexible mode, which has run well considering it is a new delivery mode in the Cert IV and Diploma. The section has also been working on the “TAFE Online” platform for the Cert III in Surveying and SIS.

Hunter currently has 27 Cert III students and 32 Diploma students. They anticipate all the Cert III students will enrol into the Cert IV in surveying commencing 2nd semester 2015. They will be delivering for the first time the Cert IV in surveying to students in second semester 2015.

Riverina enrolment numbers in their spatial and surveying qualifications and short courses remain strong for 2015.

University of Newcastle – there currently 30 enrolments for the B. Engineering (Honours) (Surveying) degree, and 12 for the surveying/civil engineering combined degree. The ATAR cut off for the B. Engineering (Honours) (Surveying) degree was set at 71.75. There are 23 students enrolled in final year surveying projects this year, so we expect to have a large number of graduates in the next 12 months. After many years of inactivity, the Surveying Student Society is now functioning. There have been two functions so far this year, and more is planned for this year.

UNSW – the Surveying and Geospatial Engineering (SAGE) group within the School of Civil & Environmental Engineering (CVEN) have gained approval for the revised Bachelor of Engineering (Surveying) program to be offered in 2015. This revised program was designed in consultation with the external Industry Advisory Committee to both mesh better with the existing programs (and courses) in CVEN and to more easily facilitate for a planned new double-degree in Surveying/Civil Engineering. The good news is that the proposed new double-degree was approved by the Faculty of Engineering Education committee which is a significant hurdle. Still a few obstacles to overcome but we are hopeful to offer a double degree in 2016.



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