



The 145th General Meeting of the Surveying & Mapping Industry Council of NSW was held on Friday 23rd May 2014 at the RMS offices at Parramatta.

Late last year the NSW Surveying Taskforce has engaged Cookie Dough Marketing to undertake research on a variety of aspects of our profession to help us understand how we can attract more people to a profession that is facing severe skills shortages. A presentation on the findings of the research was delivered on 29 May and a copy of the report has been added to the SMIC website for your information. Based on the findings of the research, the Taskforce is now in the process of developing a marketing strategy to maximize the benefits of lifting the profile of surveyors.

The Taskforce, with the support of the North Coast, Hunter-Manning & Southern regional groups of ISNSW have organized another print run of Beverly Neil's EISSI award winning book - *Working in the Country, Rural Surveyors*. The second volume of the series *Working in the City - Urban Surveyors*, sponsored by the Cumberland Group of Surveyors has now also been published. The books will be distributed to schools and careers advisors to promote our industry. The Taskforce is currently in negotiations with the other states about distributing the publications throughout the country and an order of 500 books has been received from Victoria ensuring a second print of both books and distribution to Victorian schools through the Victorian Taskforce. The SA Taskforce is also in the process of deciding the number of books to order and the support from these organisations augers well for the future of a profession working together towards a sustainable future.

Therefore although only in its infancy, the NSW Taskforce, chaired by Des Mooney, NSW Surveyor General is producing effective results to promote the profile of surveyors with a collaborative and well researched program. The development of the next step being the marketing plan will contain an agenda to progress the initiative and will require further input from groups such as SMIC. We look forward to seeing how our committee can continue to contribute to the promotion of our profession in partnership with the NSW Taskforce.

Following the publication of Australian Standard AS5488 *Classification of Subsurface Utility Information*, SMIC has been in discussions with ICSM to develop a promotional plan and best practice guide for the understanding and implementation of the standard. ICSM has been liaising with SCIRT (Stronger Christchurch Infrastructure Rebuild Team) who have an existing code of practice linked to New Zealand legislation which mirrors what we want in a best practice guide for SUI. SCIRT have agreed to make their material available in the interests of Trans Tasman consistency. SMIC, in partnership with ICSM and LPI will be engaging a contractor shortly to commence work on the development of the promotional package and best practice guide.

Andrew Bryson, Executive Officer of the Construction and Select Property Industry Training Advisory Body (CSPSITAB) attended the meeting as an invited guest. SMIC is working with Andrew to promote the existing traineeships our industry has available. A flyer with the relevant information is being prepared and will be distributed soon. The next time your business is hiring new staff, please consider doing so through a formal traineeship. There are government incentives available to both the employer and employee and if we don't start to take advantage of these traineeships then they will lose government funding.

The Chair, Narelle Underwood, extended a special note of thanks from SMIC to Doug Kinlyside who was at the meeting representing the Surveyor General. Doug has been an important member of the Council since its inception 26 years ago, serving as our first executive officer. The Council thanks Doug for his service to SMIC and the surveying profession. We hope you enjoy a long and happy retirement!

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



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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 e-mailing smic@smicnsw.org.au or by contacting the SMIC Chair, Narelle Underwood. Acronyms are explained on the SMIC website at www.smicnsw.org.au Links to our member organisations are on the SMIC website.

AIMS: The Surveying and Drafting Directions for both Coal and Metalliferous has been updated and were released last week. The recent Mudgee seminar was a success however only 39 surveyors attended. The Queensland government have given away the Mine record tracings, currently there is no control of the Mine Record Tracing storage in Queensland

The AIMS National Conference will be held on 13-15 August 2014 at the Hotel Novotel Sydney Brighton Beach. For more information please visit the conference website at www.aimsbrighton2014.com

ISNSW: Nominations for the position of President Elect 2014-2016 are open.

ISNSW held a very successful strategy planning workshop at the Crowne Plaza Coogee Beach Hotel on 16-17 May. The draft plan developed at the workshop will be finalised and published shortly.

Expressions of Interest for the EISSI Awards 2014 close on Friday 13 June.

SSSI: SSSI NSW will present the second AURIN Masterclass, the 1st which was held at Locate14. This will be held on Tuesday, 17th June 2014 at ACS NSW, The Australian Urban Research Infrastructure Network (AURIN) is a \$20 million initiative funded by the Australian Government Super Science scheme. AURIN provides built environment and urban researchers, designers and planners with infrastructure to facilitate access to a distributed network of aggregated datasets and information services.

APSEA 2014 Nominations will be opening soon - The annual Asia-Pacific Spatial Excellence Awards recognise the excellent achievements of both individuals and organisations engaged in the spatial information industry across the region.

SSSI NSW along with the Southern and Central Western Groups of ISNSW will be holding the NSW Regional Conference "Cloud Enabling Technology in the Surveying & Spatial World" on 14-15 November 2014 at Peppers Craigieburn Bowral.

Please visit their website at www.sssi.org.au for more information.

Surveyor General: Applications for the 2014 NSW Surveyor General International Fellowship in Surveying and Spatial Information are open. For further information please go to http://www.smicnsw.org.au/docs/SG_International_Fellowship_Flyer_2014.pdf

There are currently 147 active stations forming CORSnet-NSW and network RTK now covers 50% of the State. Ten additional CORS Sites for 2014 have been confirmed. These will be located in:

- Western Division – Tilpa, White Cliffs, and Ivanhoe,
- Greater Macquarie Marshes – Brewarrina, Quambone, Coolabah, Carinda, and Nymagee,
- Northern NSW – Ashford,
- Southern NSW – Eden (collocation with the Tide Gauge)

EDM Baselines

- The Lethbridge Park baseline is commissioned and opened for use.
- A new EDM Baseline at Seaham in the Hunter Valley has been constructed.
- Upgrade of Armidale EDM Baseline to 7 pillars is continuing.
- Contracts and work has commenced for the environmental assessment of the preferred site for a 7 pillar EDM Baseline at Coffs Harbour.
- Upgrade of Wollongong EDM Baseline to 7 pillars is being investigated.
- LPI continues to maintain NATA accreditation and now has two NATA approved surveyors.
- The online EDM booking service is available at: <http://lpi.nsw.gov.au/edmbooking>

ICSM SP1 - ICSM has released a new version of “The Standard for the Australian Survey Control Network – Special Publication 1” (SP1). The new standard and associated guidelines provide an outcomes based framework that supports the highest level of rigour and integrity in the delivery and maintenance of Australia’s survey control mark network.

Cadastrre 2034: Powering Land and Real Property - Cadastrre 2034 is a national strategy for Cadastral Reform and Innovation for Australia. It has been prepared by the Permanent Committee on Cadastrre; a Subcommittee of ICSM. 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. Cadastrre 2034 has been developed with input from a New Zealand perspective and Trans–Tasman collaboration remains an important feature of this strategy. ICSM is inviting submissions on Cadastrre 2034. Your input is essential if we are to create a compelling picture of a desirable future state of our cadastral system. The closing date for submissions is 31 July 2014. For more information go to: <http://www.icsm.gov.au/cadastral/index.html#nscri>

TAFE: The “Smart and Skilled” final pricing, fees and subsidies list for 2015 has been released. From 2015 students will pay a set fee per qualification, rather than per year, government funding will essentially be provided to the student rather than directly to the RTO. Each institute will have to come up with their own strategies to have courses stay afloat in the Surveying and Spatial sector

Sydney Institute - Enrolments are stable so far, we have two part time teacher starting shortly and hopefully offering a contract if it gets approved. The Institute is currently considering course offerings for next semester as it prepares for the introduction of the smart and skilled reforms in 2015

Illawarra Institute - is currently recruiting more part time teachers with a view to expanding its flexible delivery options. The Cert IV in Surveying will be offered flexibly starting in July 2014 for existing workers with experience. The Cert III flexible will continue to be offered, and plans are to have the flexible Diploma course ready to start in February 2015. The Illawarra Institute’s graduation night was held on Thursday 20th March with the following awards given out:

APAS Encouragement Award

Cert IV in Surveying: Callum McCurry

Diploma of Surveying: Erin Murphy

ISNSW Southern Group Top Student Award

Cert IV in Surveying: Billy Summerhayes

Diploma of Surveying: Stefan Pelster

University of Newcastle: The procedure for a permanent replacement for Dr Harvey Mitchell continues. Interviews for the Professor/Associate Professor level were held in December 2013, and an offer was made at the Professor level to one of the four candidates. That person has verbally accepted the offer, but it is unknown at this stage when that person will arrive. In the meantime, Dr Eric Kniest continues to be appointed as temporary academic staff member, from his position as Professional Officer. Mr Ron Murtagh continues as a Professor Officer to replace Dr Kniest for this period.

University of New South Wales: On the 7th and 8th of July 2014, we will celebrate the relaunch of the SNAP Lab by hosting the “GNSS Futures” workshop. Keynote speakers Prof. Dorota Grejner-Brzezinska from Ohio State University and Prof Penny Axelrad from the University of Colorado will lead discussions examining where GNSS, and positioning/navigation technology in general, is headed in the coming decade. There will be a number of speakers (see program on web site). This will be an opportunity to hear about GNSS developments, of particular relevance to Australia and the Asia-Pacific region, to participate in discussion and debate our “GNSS Futures”, and to celebrate the achievements of the SNAP group. The event is free, will be run over an afternoon session (7 July), an evening social event and the following morning session (8 July). To register for the workshop go to <http://www.acser.unsw.edu.au/snap/index.html>

The SAGE group has purchased an Unmanned Aerial Vehicle (UAV) mapping system from a company called Sensefly based in Switzerland. The fixed wing flight system comes with a 12MP camera, ruggedised tablet with e-motion control software and Pix4UAV Desktop software to create orthomosaics and 3D models. Recently a UAV Operator Certificate has been granted to the School of Civil & Environmental Engineering by the Australian Civil Aviation Safety Authority (CASA). Three CVEN staff have obtained Remote Pilot Certificates, and in addition Dr Yincui Zhou has been granted a Radio Proficiency Certificate. Yincui is now the school's Chief UAV Operator and Maintenance Controller. This UAV mapping platform offers new opportunities for teaching, research and research training.

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 25th July 2014.

Narelle Underwood
Chair