



NZIS

New Zealand
Institute of Surveyors
Te Rōpū Kairūri o Aotearoa

2014 YEAR BOOK

*incorporating the
126th Annual Report
and Audited Accounts
of New Zealand
Institute of Surveyors*



SECRETARIAT

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2014 Year Book

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President's Report



Kia ora everyone, it's a privilege to be introducing this comprehensive annual report and I encourage all members to give it a good read. Here you will find a great summary of the work being undertaken throughout our organisation and maybe this is a great place to identify where you can play your part.

As I look back over the past several years it's clear that as a voluntary organisation we have taken some bold steps to ensure that the NZIS has a future that is relevant to members and beneficial to New Zealand.

It has now been a dozen years since the re-regulation of the profession and the removal of statutory requirement for the NZIS to exist as the registration body for Cadastral Surveyors. There is no doubt that members of the New Zealand Institute of Surveyors play an important role in NZ and overseas but it's just as obvious that as individuals we will never have voices loud enough to positively influence our society. We must work together to ensure our skills, experience and knowledge benefit ourselves and our society.

Since re-regulation in 2002, significant effort has been spent by the NZIS to ensure that members continued to see the relevance of belonging and to encourage new membership. We were successful on the first count but have struggled with the second.

In a professional environment, where we have all come to understand that change is perpetual and remaining static means being left behind, it became obvious that the long term future of the NZIS was not sustainable without adapting.

Andrew Stirling, in last year's President's Report, laid out the substantive efforts undertaken to reshape our professional home and outlined new activity and directions for the coming 2013/14 year.

This programme of work was and continues to be huge, as NZIS Council, Board and National Office make essential changes to ensure the NZIS future.

The Way Forward 2013 has substantively been addressed; it's surprising how quickly that time has elapsed. It seems like only a few weeks ago that the NZIS Council adopted this as the beginnings of a new era.

Step forward to the 2013 Dunedin Conference, a hugely successful celebration of the profession, evidenced by the fantastic registration numbers and the quality of the conference.

Great technical sessions, quality plenary speakers, and fantastic support from vendors topped off with a super social programme that will be a benchmark for the future!

Upwards of 300 members enjoyed returning to the old town, meeting friends, new and old, and demonstrating that the NZIS has a strong heart and plenty to offer now and into the future.

As signalled at the 2013 conference and enabled through the constitutional changes, the new structure that serves the Institute is now active and finding its feet.

The Council has now met twice during the year and will have met again just before the 2014 conference kicks off. This new group is designed to represent the depth and breadth of the profession's members and to ensure the strategy and direction of the NZIS reflects the members' beliefs.

As President these are the people who I listen too, they are the future of the profession, they define our purpose and they represent our members' wants and needs and through their collective wisdom we define what the NZIS will deliver to our members.

The challenge for each of the Council members is to ensure an active and healthy group for them to represent. The groups currently represented on Council with a seat are there because they have either had a strong historical background in the NZIS or because they are emerging groups that have pushed their way to the table. Either of these are valid, the history reflects our reputation and our experience, the emergent because they champion change in the profession and society and the NZIS needs to be relevant now more than ever.

Each of you as members should be taking a critical look at the groups and working out what they offer you and what you have to offer them.

There are six new Professional Streams:

- Land Development and Urban Design
- Spatial
- Cadastral
- Engineering Surveying
- Hydrographic
- Positioning and Measurement

Each of these examines their specialist areas and come back to Council outlining a business plan with communications needs and CPD concepts. Hadyn Smith (CEO), National Office and the Board then prioritise and plan the way the NZIS best serves its members.

The Special Interest Groups and Divisions work across all of our membership, they provide a community aspect beyond the technical and professional threads, as an organisation we want to provide a home to support and foster strong capable professionals who are great natural advocates for the NZIS. The current groups are:

- The Consulting Surveyors of NZ
- Young Professionals
- Women in Spatial

The responsibility for managing the delivery of NZIS services lies with the NZIS Board. This team has been meeting bi-monthly since the new constitution was confirmed. Lead by Past President Andrew Stirling he has strong professional support from Daniel Williams, Mark Allan and Simon Jellie.

New to our governance is the appointment of independent directors to the Board. Lynda James and Bruce Anderson have proven to be fantastic assets; they bring skills needed to round out our board and provide strong impartial voices. They are not afraid to ask the hard questions and really push the Board, ensuring truly well considered decisions are made.

The success of the Board is now visible in the robustness of the NZIS business model. Closely linked to the energy and efforts of Hadyn Smith as CEO and the National Office Team the NZIS is now really beginning to show forward motion.

Following a mammoth effort to modernise our internal knowledge of our own organisation we now understand the status of our membership, demographics on age, gender and interests through the affiliations with the various groups.

Our accounting platform has been fully upgraded and refreshed and the annual budget process has been through a full financial cycle letting us test our sensitivities and strengths.

Armed with all of this new robustness, Hadyn and Andrew with their teams are planning great things in the coming year.

Highly visible advances include the newly revamped quarterly NZIS magazine *Surveying+Spatial*, with a fresh style and broadened focus we can be proud of, and the huge amount of energy being put into delivery of quality CPD opportunities.

As professionals one of the core tenets we must always recognise is that each of us has a duty to maintain our skills and knowledge and look to further our capabilities to meet the new and developing requirements of our clients and society.

With good feedback and ideas beginning to flow from the Professional Streams and excellent communication coming in from branches, National Office is really ramping up the opportunity for you to look after your own professional capability. If you haven't done so yet, take a good look at the webinar options, a well tested digital teaching tool. NZIS is now providing high quality, cost effective options that you can access from your desk. This is one example of how a properly funded and resourced National Office will be providing more for your dollar.

Speaking of dollars, you may be aware that over time our fees have changed. Some of these adjustments relate to having a much clearer picture of our membership makeup, in addition there are real changes in the fees that reflect commercial realities. The NZIS now runs like a business and we are mindful to maximise the return to our members with as much benefit as possible.

One of our business objectives has been to develop stronger and deeper relationships with our commercial partners. In developing

better relationships with existing and new partners we are all getting a better deal. Our partners have a better understanding of our model and can budget and plan better and we are able to benefit through certainty in sponsorship and assured support for our key events.

Speaking of events we are eagerly anticipating the upcoming FIG Working Week in 2016 to be held in Christchurch.

Back in 2010 NZIS lent its support to our Aussie compatriots with the FIG Congress held in Sydney attended by over 2000 delegates. It was evident to the entire kiwi contingent that NZ surveyors are as good as any in the world and in a lot of instances we are leading the world. Also obvious is the fact that kiwi surveyors are working all over the world and playing significant roles.

Following up on this and in the aftermath of the Canterbury earthquakes NZIS resolved to try and host a FIG Working Week in Christchurch. With overwhelming support from the FIG General Assembly in 2012 we were selected to host the 2016 Working Week.

This event services two key elements, it celebrates the efforts and capability of our profession in their response to the disaster of the quakes and it provides an opportunity to bring a major event to Christchurch, leveraging the tourism benefits of the South Island and NZ. We believe many international attendees will be interested in putting a NZ conference into their schedule as a great holiday add on option. We also believe that there are compelling stories to be told about how our profession has supported the disaster response then and how it now underpins the recovery and rebound of Christchurch, into what will be one of the most fantastic modern cities in the Southern Hemisphere.

I look forward to seeing you all at the Working Week in 2016 but first let's enjoy one of our famous provincial conferences here in Taranaki. We can get back to grass roots topics, have some time to step out of our busy lives to reconnect with friends, enhance our skills and visit a spectacular part of the country with some really unique attributes. Our hosts have put in a huge effort preparing for us and there is plenty to look forward to.

Many thanks for your support this last year and I look forward to helping NZIS over the next 12 months with more challenges and plenty of opportunity!

Cheers



Jeff Needham

Obituaries

It is with deep regret that we record the deaths of the following members during the year:

- Ronald Preston Day, Te Puke
- Max Hadyn Warburton, Dunedin
- Craig Jonathan Dickel, Dunedin
- Adrian (Robin) Thomas Smirk, Auckland
- Vernon Ian Pickett, Hamilton
- Craig Harold Thompson, Christchurch
- Lester John Reilly, Christchurch
- Christopher Charles Hoogsteden, Dunedin

NZIS Fellows as assembled in Dunedin in 2013



(Left to right)

BACK ROW: Brian Coutts, Luke Martin, Gordon Andreassend, Brett Gawn, Alan Kinnear, Don Grant, Ross Miller, Graham Wigley

MIDDLE ROW: Mark Dyer, John Hollier, Dave Johnston, Bruce Morrison, Mark Smith, Roger Low, Alan Blaikie, Ross Moulton, John Baldwin

FRONT ROW: Sir William Birch, Don Hatfield, Bill Robertson, Frank Easdale, Emeritus Prof. John Hannah, Emeritus Prof. Basil Jones, Nigel Pitts

NZIS Board Report 2013–2014



Under the new NZIS Constitution the first NZIS Board came into existence following the Council meeting in Dunedin in August 2013. NZIS Council appointed four members of NZIS to the Board. Mark Allan and Andrew Stirling provided continuity from the previous governance model and broad knowledge of the NZIS membership. Simon Jellie, brought a wealth of spatial industry experience and Daniel Williams brought a strong connection with consulting business

and new technology and opportunities. NZIS was fortunate to attract two high calibre independent directors onto the Board. Lynda James and Dr Bruce Anderson have particular skills in financial analysis, risk assessment, strategy development and governance and are proving the value of specialist skills and independence to the decision making process. The role of the Board is to use these collective skills to govern NZIS. The President and CEO also attend and contribute to Board meetings and during the year to June the Board met in Wellington on four occasions plus one teleconference.

Financial management is a key role of the Board and three sub-committees have been established to provide specific focus:

- Audit & Risk Committee. The role of the A & R Committee is to manage risk and compliance, facilitate the audit and approve the annual accounts and report to Board meetings.
- CPD Oversight Committee has been formed to review performance against the CPD events plan and budget to ensure the planned income from this source does materialise.
- Remuneration & CEO Committee reviews CEO performance and staff salaries.

The financial result for the year was a \$69k loss which was below budget as a result of income targets not being achieved - refer to the Audit and Risk report. The Board is committed to returning to a small surplus in the 2014-15 financial year. Diversifying our income away from reliance on member subscriptions is important and pleasing progress is being made under the new commercial partners strategy. The Board commends the CEO for his commitment to these vital relationships and his leadership of this initiative. Growth in CPD income is another important objective for NZIS. We have invested in the new Knowledge Manager role

at NZIS and this staff member and the development of a high quality training delivery model are seen as a key to the evolution of a stronger NZIS. Membership growth is another area of focus that will increase income and we expect to see improvement in this area as we grow the benefits of membership. Running a successful and well attended conference, like the wonderful event we witnessed in Dunedin for the 125th conference, is something that NZIS must create every year, if we are to succeed in our objective to broaden the membership. The merger of SSSI NZ into NZIS was also a significant development in the evolution of NZIS as the professional home of the spatial community in NZ.

The role out of the MemberConnex portal has been an important step forward to providing improved value to members. We recognise that there is still plenty of work to do in the area of Information and communications technology (ICT) but we are already light years ahead of where we were.

The Board has a focus on contributing to and developing and approving plans and fiscal policy. This is an ongoing task that we are still bringing under control. The five year strategic plan is now well established and beginning to evolve, the annual plan process is established and also being refined as all parties grow their understanding of the organisation and the planning process we require. The Board is about to commence work on developing its medium term three-year plan to straddle the space between short and long term plans.

Effective risk management policies and procedures are now in place and there is a sound understanding of our operating environment and the risks we face. Board members and the CEO have worked hard to finalise the Governance Manual which is available on the website. This is a living document that goes a long way to defining how NZIS operates. It will continue to evolve and grow as policy is developed or reviewed.

Advocacy has been a significant focus for the Board this year and it is critical to the brand of NZIS that we maintain strong advocacy activity, so that NZIS is perceived as the leader of the surveying and spatial professions.

The Board has made good progress on developing the NZIS relationship with LINZ. There is a willingness from both parties to activate the relationship and, together, to strengthen the surveying and spatial sectors of the economy. The ASaTS project and related fields are a good opportunity for NZIS to partner with LINZ over the next 5-10 years. Regular high level meetings with the LINZ Leadership Team are now occurring and other levels of engagement for Stream leadership teams and at CEO level are being developed.

The NZIS Working Party that investigated floor level surveying procedures in earthquake affected Canterbury is a fine example of advocacy in action. NZIS stood up as a solutions focussed professional organisation and provided strong leadership in this problematic area. This has enhanced our reputation with MBIE and other stakeholders involved in this issue. Building Information Modelling (BIM) is a relatively new concept that NZIS seeks a leadership role in. The role for surveying and spatial professionals in BIM technology is poorly understood and there are opportunities to influence how this technology is adopted and applied.

The Pacific Islands is an area where the Board see a positive role for NZIS. We are keen to advocate for this region and play a role in capacity building, relationships, communication and the creation of business opportunities.

Our certification model and its evolution remains on the agenda. Some excellent material has been developed to generate discussion and ideas but we need to find the way forward with this so that we have specific proposals for streams to consider. We are gathering information on how certification is evolving in other professions and countries and the Board is committed to refining proposals for change, consulting and implementing change that is fit for purpose during the year ahead.

The development of Professional Streams has been another major task that has made slow but steady progress this year. It started with the identification of Stream Leadership Teams and was followed by the development of terms of reference and first generation business plans. We intend to develop systems that will support the growth of the Streams in the year ahead.

In conclusion I would like to extend a vote of thanks to our Board members, all the various committee members, volunteers, the CEO and his team for the dedication and commitment that everyone has shown to achieving the goals of NZIS. Council and Members can be assured that NZIS is making good progress with its plans.

A handwritten signature in black ink, appearing to read 'Andrew Stirling', with a stylized, looping design.

Andrew Stirling

Council Meetings

The inaugural combined Board/Council meeting was held in March 2014.

Council 2013–2014

PRESIDENT

Jeffrey Needham, Wellington

VICE PRESIDENT

Phillip Rhodes, Porirua [Land Development & Urban Design Stream]

COUNCILLORS

- Stefan Kiss, New Plymouth [Cadastral Stream]
- Geoffrey Bates, Dunedin [Consulting Surveyors of New Zealand]
- Steven Odnot, Nelson [Engineering Stream]
- Bruce Wallen, Auckland [Hydrography Stream]
- Rachelle Winefield, Wellington [Positioning & Measurement Stream]
- Gregory Byrom, Wellington [Spatial Stream]
- Prof. Christina Hulbe, Dunedin [Tertiary]
- Rebecca Strang, Auckland [Women in Surveying/Spatial]
- Matthew Ryder, Taupo [Young Professionals]

Board Meetings

Board Meetings were held in Wellington on the following dates –

4 October 2013 (Inaugural meeting), 29 November 2013, 28 February/1 March 2014, 8 April 2014 (Teleconference), 17 May 2014 and 12 June 2014 (Teleconference).

Board 2013–2014

CHAIR

Andrew Stirling, Auckland [Division Representative to the Board]

BOARD MEMBERS

- Mark Allan, Christchurch [Board Representative to Council]
- Daniel Williams, Auckland [Board Representative to Council]
- Simon Jellie, Wellington [Stream Representative to the Board]
- Lynda James, Wellington [Independent]
- Dr Bruce Anderson, Wellington [Independent]
- Jeffery Needham, Wellington [Council President – Ex Officio]

Membership

The state of the membership as at 30 June 2014 is given in the following table together with the four preceding years. Please note, only one class of Associate Membership is now in existence.

	2013-14	2012-13	2011-12	2010-11	2009-10
Members – Honorary	5	7	7	6	6
Members – Voting	681	640	722	769	765
Members – retired	151	220	224	203	195
Members Associate #	285	250	251	270	270
Members Overseas	45	42	62	63	66
Total Members	1167	1159	1266	1311	1302
Students	200	200	225	210	270
OVERALL TOTAL	1367	1359	1491	1521	1572

Corporate Memberships

CSNZ	211
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Professional Associate and Technical Associate classification was combined in 2013.

Council and Board Support

Honours, Awards and Prizes

Honours were conferred and prizes awarded by NZIS during the year as follows:

- **Percy Dyett Award** – Keith Murray Preston, New Plymouth
- **Maurice Crompton-Smith Memorial Prize** – Hamlin Boyde-Manson, Lower Hutt
- **State Sector Award** – Kyne Christopher Ritson, Christchurch
- **McRae Award** – Brent Richard George, Christchurch

Award of Excellence:

- **Gold Awards**
 - Michael Tagg, Envivo Ltd, Auckland – *The Edge ASB Theatre Refurbishment*
 - Maaik Duncan, Terramark Ltd, Dunedin – *Sabina Apartments Complex, North East Valley, Dunedin*
- **Merit Award** – Tony Nikkel, Motueka – *Cadastral Surveying Field Programme for the HP35s Calculator*

Commercial Partners

The level at which annual membership fees are set is an area that the NZIS Board has worked on extensively in recent years and recognises that there is little appetite for increases. In order to achieve that vision and the objectives of increasing membership value the Board looked closely at our commercial relationships as a solution.

The Board subsequently signed off on the NZIS Commercial Strategy that in effect realises new funding for training, advocacy and support. That work started in late 2013 and it is especially pleasing to see not just the signing of our Diamond Partners – Glenn Stone Insurance, GeoSystems and Eighty4 Recruitment, but also the expanded interest given by most of our equipment and service suppliers who are now actively looking at year round partnerships with NZIS rather than the event based opportunities of the past.

In effect this means more exposure for members to sector related businesses, but more importantly this gives us an ability to grow and offset real costs. For many, including the NZIS Board, Council and staff, this partnership area is all new so we are moving forward slowly and deliberately without committing to any

membership obligation. The only thing we do ask is that members support those companies that support us by adding them to the marketing mix when considering any purchase or the need for services. Obviously our Diamond partners have to be hugely valued along with our Gold partners (Global Survey, 12d and Synergy Positioning Systems) as they are all directly paying into our vision.

NZIS gratefully recognise this growing investment and support given by the now significant group of companies.

Examinations

The NZIS Examination Panel comprises:

- Ross Thurlow (Land Development Engineering)
Admissions Panel Convenor
- Malcolm Hanrahan, Lloyd McGarvey and Bruce Morrison (Cadastral Surveying)
- Mark Dyer and John Dryden (Planning, Design and Resource Management)
- Chris Coll (Mining Surveying)
- Simon Ironside (Hydrographic Surveying)
- Simon Jellie (Remote Sensing, GIS and Photogrammetry)
- Graeme Blick (Geodetic Surveying).

Professional Examinations were conducted by the Panel in November and April. Of the 18 candidates sitting the examinations 15 or 83 % attained full passes.

The annual Cadastral Law Examination conducted by NZIS was held in February 2014 with a candidate pass rate of 84%.



Big projects, big cities . . .

Michael Cutfield, Survey Manager Fletcher Construction, Auckland

I work in the Infrastructure business unit of Fletcher Construction, which is part of Fletcher Building Ltd. The construction company is based in Auckland and undertakes construction projects throughout New Zealand and the South Pacific.

The largest of those projects is Waterview Connection in Auckland, being delivered by the Well-Connected Alliance including Fletcher Construction. This world-class project involves construction of 5km of new motorway to connect Auckland's Southwestern and Northwestern motorways, thereby completing the 47km Western Ring Route. Half of the new motorway will be in 2.4km twin tunnels being constructed by the world's tenth largest tunnel boring machine, called Alice.

I manage the surveyors involved with the surface works either end of and above the Waterview tunnels. The work involves all kinds of surveys, including setting up the control, performing topo surveys, setting out giant concrete structures, providing as-built records, and large scale deflection and settlement monitoring.

It is the third and by far the largest roading project I have worked on with Fletchers, having previously been involved with the second Tauranga Harbour crossing and Victoria Park Tunnel. I have also spent time in Christchurch, providing survey assistance to the infrastructure rebuild.

In my last year of high school, like many teens, I was searching for some direction, some path to take. I was enrolled to do a Bachelor of Computing and Mathematical Sciences at Waikato University but at the last minute realised that I needed more of the outdoors. I was living in Rotorua, and I can thank Mark Dyer for introducing me to surveying, which seemed to tick all the boxes. I graduated from the Otago University in 2003 with a Bachelor of Surveying and a Bachelor of Science, majoring in computer science.

I spent three years surveying in the UK from 2006, the first two with Plowman Craven, the largest survey firm in Europe. My role was primarily topographic capture in and around the hustle of London streets. This required a lot of complete 3D surveys of underground stations, overground (and elevated) stations, land marks such as Westminster Abbey and Wembley Stadium, and large inner city blocks. I also travelled for the company within the UK, first to Cardiff to establish the survey control for a major inner-city project. Next stop was Liverpool to survey the interior and exterior of an under-utilised shopping mall – approximately 4 hectares of it. There I got my first taste of 3D scanning. The scanner came in a large transit van, complete with its own hi-spec laptop for data storage and diesel generator for power. After spending many hours joining the dots of my conventional topo



survey, I could see that the scanner with its "point cloud" would potentially lead to many tedious hours in the office. So I stayed clear of this new technology for the meantime.

In my final year in London, I worked as a site engineer on the new East London Overground Line.

There are two survey teams on the Waterview Connection job, one for the tunnels and one for the surface works. As Survey Manager for the surface works, I have divided our team of 12 surveyors into three smaller teams, one for each of the tunnel portals and one for monitoring.

The portal teams are responsible for the set-out and as-built requirements of the civil and structural construction works at these two locations. The third team spends its days with the digital level, always on the look-out for any settlement that may be caused by the construction project.

I always find it immensely rewarding to see a well-aligned engineering marvel take shape where just a few survey marks were placed in the ground only months previously.

I will never forget the first six months of working on a construction site in the UK. As site engineer, I was responsible for the set-out and construction of a major rail bridge that was to cross the main line to London Bridge Station. The challenge was to erect two bridge abutments, then construct the

bridge to the side. The bridge ended up weighing 1400 tons and was required to be transported about 100m to its final position on the abutments.

Success for me was seeing all parts of the bridge and approach structures align perfectly in their final position, so that when a train passenger's eyes follow the structure they see no defects.

I have now been elected to lead the development of the *Engineering Surveying Professional Stream* for the NZIS. This will be a great challenge and, if we meet all our aspirations, will become a professional membership that construction surveyors will be proud to be a part of.



CEO Report



A Greek philosopher called Heraclitus who lived around 500BC stated that "The Only Thing That Is Constant Is Change". It seems that a good quote never loses traction, and NZIS – indeed most of New Zealand – are involved in actively managing change in one form or another. The real challenge is to get the changes right and then manage their maintenance. Within the context of our membership, I think we can all agree

that we have taken on some fairly ambitious goals in the past year and for the most part achieved some significant outcomes in a very short period of time.

In order to prove that proposition, the 2013/14 Business Plan outcomes have been reported regularly to members with a final result of 78% achieved for the year. This report can be viewed on page 16. This is the first time we have set targets and reported outcomes in percentage terms. The outcomes reported paint a picture for everyone that will be repeated annually so our progress can be tracked by the Board, membership and key partners. A position we believe is both helpful and healthy.

The employment of a Knowledge Manager – Vanessa Deleat, in April has added a new focus around training and will encourage a level of growth and support in an area that has never previously been contemplated. Vanessa has a strong ITO background and although we have had some technical issues with aspects of our delivery systems, we are now moving towards an enhanced platform for the presentation and viewing of training material in a fashion similar to that of TVNZ's *TV on Demand*.

The introduction of Professional Streams has been a new challenge that is falling into place. Most streams have formulated terms of reference, a leadership group and a business plan for the year ahead. All streams have also contributed to our enhanced focus on training and the evolution of SSSI NZ into NZIS. This occurred as a direct result of a focus on the Spatial Stream. Although we are still in the set up stage for some of the streams, we can already see the value in the additional focus that these streams can give us with regard to many technical issues.

Financially, we have taken some critical steps forward with the introduction of our commercial partners' strategy and now have three Diamond level partners – GeoSystems, Glenn Stone Insurance and Eighty4 Recruitment. These partnerships along with others, are now part of an annual commercial relationships that directly offsets costs to members. Although we have reported

a loss for the year we have also entered unexplored territory and we see this model evolving further in 2014/15 and assisting towards returning to a surplus in 2014/15.

In the area of Advocacy, we have started to build new connections and address key issues of national importance as demonstrated with the *MBIE Floor Level Guidelines Working Party* chaired by Professor John Hannah. This one issue has not only opened many new doors for us, but also paved the way with a formula that should give the NZIS Board the tools to manage similar issues as they arise in the future. From the LINZ review of *Landonline* and *Cadastre 2034*, through to consultation on draft legislation, we now have streams that are able to offer direct input and feedback on technical issues.

On the communication front we held the first membership survey for several years and the information obtained (and circulated) has assisted in our focus on improvements to our plans and the distribution of information. Perhaps the biggest issue for National Office to address is ensuring that we do not feed into the information overload process that we all experience in our working lives. Wherever possible we are using website URL links to disseminate information. We have also stayed with the traditional print publications and although we will evolve into social media forums they are not an immediate focus.

IT is a growing space for everyone and the www.surveyors.org.nz website and our MemberConnex system, is now the prime focus for our communications, training/CPD calendar, admissions, database, invoicing and virtually any aspect of our organisation. Although we are still building the system for our specific wants and needs, all the Branches, Streams, Young Professionals, CSNZ and WIS now have individual webpages that will increase in functionality as they are populated. We acknowledge some teething problems but nothing that isn't targeted for improvement.

An area that NZIS needs to watch closely in the future is the next step in the reinvigoration of the NZIS Awards that do not seem to have the membership pull of the past. NZIS is a full partner in the New Zealand Spatial Excellence Awards that will be held in Wellington on the 27th of November and that model has encouraged 99 entries and may suggest a model that we could replicate or follow in 2015.

I must make special mention of the support given to NZIS from the membership and especially streams, branch committees, Young Professionals and WIS who have given useful feedback on numerous issues or requests. You have been of enormous value to staff, the Council and the Board as we have worked toward achieving the targets stated in NZIS Business Plan. I speak for all staff when I say we are hugely grateful for the time and effort

many have given back to us to ensure we remain 'in tune' with our members and the sector.

I must also thank some of our sector partners, such as LINZ, who have been most supportive of the aspirations of NZIS. Others, such as IPENZ, PINZ, MBIE, NZPI, MfE (QP), SSSI, UNITEC, Otago University and our Diamond commercial partners, have also been forthcoming and supportive with our direction.

Looking forward, the Year Book concludes with our key targets for 2014/15. Fittingly, the objectives stated contain a new focus of the Board that is ensuring our long term sustainability.

In conclusion, one of the most valuable assets for a small organisation is staff. Good staff drive our plan towards successful operational outcomes. Joanna Leighton Jones (Office Administration), Vanessa Deleat (Knowledge Manager), Barry Davidson

(Membership Support) and Jan Lawrence (Communications and Marketing) work with a passion for NZIS that I have been proud to be part of. My thanks also to the President – Jeff Needham, the Council, Chairman – Andrew Stirling and the Board for their support, guidance and insight into our profession. We have many challenges ahead but we are growing our capability and knowledge to address those challenges by the day.



Hadyn Smith CEO



The screenshot displays the homepage of the New Zealand Institute of Surveyors (NZIS). At the top, the URL www.surveyors.org.nz is prominently displayed. Below this is the NZIS logo, which consists of a stylized green and blue icon followed by the text "NZIS New Zealand Institute of Surveyors Te Kaitiaki Kaitiaki". A navigation menu is located below the logo, featuring links for Home, About Us, Membership, Careers and Professional Development, Resources, Professional Benefits, News, Events, Contact, and Login or Register. The main content area is divided into two columns. The left column features a large image of a surveyor working in a field, with the text "Supporting surveying and spatial sectors" and a paragraph describing the institute's role. Below this, there is a section for "NZIS Diamond Partners" featuring logos for Glenn Stone Insurance, GeoSystems, and Eighty4. The right column contains a section for "Registered Professional Certification" with a circular logo, a link to the "Registered Professional Surveyors List", and a section for "Consulting Surveyors of New Zealand" (CSNZ) with a link to "Find a Consulting Surveyor of New Zealand". At the bottom, there are sections for "Upcoming Events" (listing the NZIS Examinations-Professional Entrance Exam for November 2014), "Featured Items", and "Quick Links" (including "Member's Forum", "Join NZIS Now", and "Join the Classifieds").

2013–2014 NZIS Scoreboard Outcomes

Last year NZIS stated its key non-financial achievements and is now pleased to be reporting the % return on its objectives for the year. The following key objectives have been reported and given a percentage return for the year along with a final combined overall '2013/14 NZIS Business Plan' result. The scale for the combined rating is: 0 to 20% – very poor; 21 to 40% – poor; 41 to 60% – good; 61 to 80% – very good and 81 to 100% – excellent.

1. Support the sector	Total weighting: 20%		
Key Objectives	Target	Score	Target notes
Review and evolve the NZIS Strategic Plan so that it reflects positively the long term vision to accommodate professional expertise across the wide spectrum of surveying and spatial science activity.	8%	6%	The 2014-18 Strategic Plan was completed but under the new rules we now move to a long, and medium term plans and the Council and Board will be evolving and improving the model annually.
Initiate a certifications model that reflects public want and the need for enhanced membership capability.	7%	3%	NZIS has focused on a review of RPSurv but still a lot of work required ensuring that our certification model reflects the wants of all our members.
Develop and maintain web-based systems that support our organisational needs.	5%	4%	New NZIS Portal and ICT Platform launched and functional but various spec issues still being addressed.
	20%	Achieved: 13%	
2. Professional standards	Total weighting: 15%		
Key Objectives	Target	Score	Target notes
Develop a Governance Manual that records the rules, policy and practices that support the growth of our profession.	8%	5%	Governance Manual reviewed and circulated for comment. Still a number of policies to be updated over quite a period of time.
Develop a new professional complaints procedure.	5%	3%	Work initiated, but still a substantial change process to be worked through.
Put in place a NZIS Marketing and Development Plan that meets the membership and community needs.	2%	2%	A plan has been developed and will be updated annually.
	15% Total	Achieved: 10%	
3. Leadership	Total weighting: 15%		
Key Objectives	Target	Score	Target notes
Develop a NZIS Communication Plan that reviews all of NZIS needs including our priority involvement with: publications, branding, social media and the media/public.	5%	5%	Communication Plan completed and includes key objectives and timelines in support of our vision.
Develop and grow the potential for shared resourcing with like-minded organisations to specifically foster research & development.	2%	1%	NZIS has created a raft of enhanced relationships with a number of key organisations and all are working towards webinars and the support of training.
NZIS to maintain a Risk Policy and identify and maintain a focus on the removal or mitigation of identified risk.	3%	3%	This has been a Board focus with a good system in place to identify all potential risks and mitigate where possible.
NZIS to develop a Membership Satisfaction Survey (MSS) system that will be available annually to all members and key partners.	5%	5%	NZIS baseline survey completed. Information very helpful but greater membership return now being sought.
	15% Total	Achieved: 14%	

4. Advocacy	Total weighting:10%		
Key Objectives	Target	Score	Target notes
Develop and put in place a process for identifying and prioritising issues that may impact on our sector and the communities we live in and require mitigation or a response including: joint campaigns; ideas and learnings from the sector; and input from our key partners as appropriate.	5%	4%	A lot more information now coming back through the membership survey and growing relationships with sector organisations. MBIE Guidelines WP a good example of outcomes focus.
Establish and progress a sector partnership with special interest groups with common issues as a basis for joint and agreed outcomes, as required.	5%	4%	Seem to be getting traction with the new structure. Transfer of SSSI NZ to NZIS and feedback from SIG's positive to date.
	10% Total	Achieved: 9%	
5. Enhanced understanding	Total weighting:20%		
Key Objectives	Target	Score	Target notes
Ensure regular updates to the NZIS membership and key partners in a timely and appropriate fashion.	9%	8%	We have added communication items and new updates via the portal. We now need to be careful of information overload.
Develop data and produce key position statements for dissemination within special interest groups.	4%	3%	Obtaining feedback from branches and members on key issues to be addressed. Have had a degree of success with LINZ.
Identify, capture and support students and graduates as they move into their work environments.	7%	4%	Have reconnected with various tertiary institutions but need to invest a lot more time into this area next year.
	20% Total	Achieved: 15%	
6. Grow the sector	Total weighting:20%		
Key Objectives	Target	Score	Target notes
Develop contacts and create knowledge and insight into new and emerging uses and applications of surveying and spatial sciences services and capability.	5%	4.5%	We are using our publications, website and partnerships to explore new concepts and make them known to members.
Develop and maintain a Commercial Plan that identifies all saleable commodities under the NZIS umbrella and maximizes national events, investments and membership success.	5%	4.5%	We have made long term connections with existing and new commercial partners. Added value in areas such as HR and recruitment.
Put in place a long term events strategy and cycle to ensure the national connection and coordination of NZIS key events including an updated Conference Manual and key document templates.	5%	5%	We have now connected all of our national events and updated the Conference Manual to reflect modern best practice and templates. Long term PCO appointed to assist LOC's.
Maintain a close connection to and relationship with any tertiary institution that offers degree, diploma or certificate options for the potential NZIS membership.	5%	3%	We have connected well with most tertiary institutions but must grow our relationship with students before they graduate with surveying and spatial science qualifications.
	20% Total	Achieved: 17%	

2013/14 NZIS Final score = 78 percent

Tabled Report to Business Plan 13/14

Communications

A key activity the past year has been the launch of the new website and payment system. The website is now being used as the main communication hub for news items, CPD and training event bookings, payments and listings, job listings and NZIS publications. As more of the intranets (called Chapters in the system) for Professional Streams, Special Interest Groups and Branches come on line, this is expected to grow. All events are now able to be booked and paid for in the system and membership applications can also be made online.

Other aspects of communications to members have concentrated on consolidating initiatives that commenced with the Institute's new governance structure including: rebranding, developing the website content, redesign of publications and supporting the growth and development of the CPD programme.

Survey Quarterly has gone from strength to strength under the editorship of Diane Moriarty and new publisher Kapiti Print Media Ltd. The magazine has undergone a re-design and has been given a new 'look and feel' culminating in a launch at the ESRI User Conference in Auckland with the new name of *Surveying+Spatial*. The name reflects the broadening scope of the publication and membership of NZIS.

The viability of continuing to publish the *NZ Surveyor Journal* is under review as is the purpose of the Journal.

Under the new publisher, the design and look of the monthly publication *Newslink* has improved to ensure it remains an interesting and relevant quick read for members.

There were two other activities of note this year; the first was the release of Prof. John Hannah's report: *Review of Survey Practices in Relation to the Canterbury Rebuild* to Ministers Brownlee, Smith and Woodhouse and interested parties; LINZ, CERA, EQC, IPENZ, Southern Response, Residential Advisory Authority, Insurance Council and MBIE. The second has been communications relating to the inaugural *NZ Spatial Excellence Awards* due in November.

Education and Continuing Professional Development

NZIS recently sought feedback from its members on what topics they would like included as part of training and CPD. The feedback highlighted wide range of topics, which allowed for good coverage across all of the surveying professional streams.

To date for the 2013-2014 year NZIS has completed six webinar events and two seminar events.

Event Name	Event Type
Intro to writing outstanding reports	Webinar
LINZ Water Boundary	Webinar
Urban Design	Seminar
Resource Consent	Webinar
GPS – Technologies That Will Transform Surveying	Webinar

Further events are being planned for the next financial year and will include:

Event Name	Event Type
Negotiating Skills	Webinar
Building Information Modeling	Seminar
NZIS SketchUp Pro	Webinar
LINZ Limited Titles Master Class	Seminar
Changes to the Building Act	Webinar
Emotional Intelligence	Webinar
Business Mentors	Webinar
Women in Surveying	Workshop
Good Project Management	Webinar
Growing Old Disgracefully – Succession planning	Webinar
Geographic Information Systems	Webinar

Training and CPD will be an ever evolving and improving process. As we run each event we are discovering new and better ways to plan, manage, record and produce events to better meet the needs of our members.

NZIS has also completed research in regards to costing models and has also looked at what other professional institutions charge for training and webinars. We have tried to ensure that our training and CPD costings are lower than other institutions to help encourage good participation from members.

Event Type	Member Price (excl GST)	Non-Member Price (excl GST)
Webinars - (Per Hour)	\$50.00	\$80.00
Workshops - Full Day	\$160.00	\$200.00
Workshops - 1/2 Day	\$80.00	\$100.00
Seminars - Full Day	\$375.00	\$425.00
Seminars - 1/2 Day	\$180.00	\$200.00
Showcase Events (1/2 Day Event)	\$80.00	\$100.00

NZIS has completely reviewed training and CPD and how it can add value and meaning to its members.

Due to the size of our member base and resourcing, we can organise only a limited number of events per year within the national event calendar. We have put a lot of thought into how we can offer innovative ways of supporting a more diverse range of training and CPD initiatives to meet the growing needs of our members. This initiative is a way of starting to grow the event offerings while gaining support from members along the way.

In response to feedback we have received from members, we are looking at refining the technologies used for our webinar events. We have recently engaged a video specialist to record the webinar events so they can be produced in a high quality format that can be viewed via a secure web link from any device i.e. PC, Laptop, iPad, Smart Phone etc.

NZIS intends to have all events professionally recorded so they can be offered to members on demand as part of a training and CPD library. This will allow members to access training and CPD at times to fit in with work schedules.

Vanessa Deleat – Knowledge Manager

Research and Development

The purpose of the Research and Development (R&D) Committee is to initiate, encourage and administer research grants which will support the surveying profession and provide benefit to NZIS and its members. This purpose is primarily achieved by promoting and receiving applications for funding towards specific projects nominated by applicants, however it is also a role of the committee to identify and commission research and development projects which are focused on subjects of particular value to members.

A further role of the committee is to administer the Postgraduate Bursary in Surveying, the Land Planning Bursary, the Research Scholarship and the new Maori Land Bursaries, all of which are offered by NZIS to its members.

At present, the committee consists of Messrs Kurt Bowen (Convener), Nick Davies (Secretary), Glenn Metcalf, Matt Amos, Mick Strack and Theresa Cole-Swami.

Due to the geographical spread of the committee members, meetings have been held by teleconference at a frequency of about four meetings per year.

The Research and Development Committee maintains an important relationship with the National School of Surveying at Otago University, which has traditionally been a regular source of applications for research funding. The committee understands the value in fostering an affiliation with the university, and has been very pleased with the high standard of research completed by students over recent times.

The Research and Development Committee has had a relatively quiet period over the last twelve months, considering a modest two applications for research funding and one application for the Land Planning Bursary. Of these, one of the applications for

research funding and the application for the Land Planning Bursary were recommended to Council for approval.

The Committee expects to work closely with National Office over the coming year to increase the number of funding and bursary applications received.

Kurt Bowen – Chair



Peter, Aileen and the Taiaha

Our profession has been an integral part of this country's history as New Zealand evolved and progressively surveyed and developed new towns and cities. Incredible stories of mountain crossings and adventure were recently shown on *First Crossings*, where Kevin Biggar and Jamie Fitzgerald portrayed the sheer guts and determination of some of New Zealand's early surveyors – many of us even had the pleasure of meeting Jamie at last year's conference. Every region of New Zealand has some incredible surveying history hidden away, if anyone has the time to go looking for it.

Recently NZIS was contacted with regard to a *taiaha* donated by local iwi over 100 years ago to a man called Joseph Dargaville – one of the many risk-taking, ground-breaking immigrants to shape this country.

Joseph surveyed and developed the township now known as Dargaville, and as a result of his good relations with local Maori was gifted two *taiaha*. His daughter obviously approved of the profession, because she married surveyor Frank Hosking. The late nineteenth century employment contract on the next page provides a glimpse of the very different world in which Frank practised his profession.



Joseph Dargaville

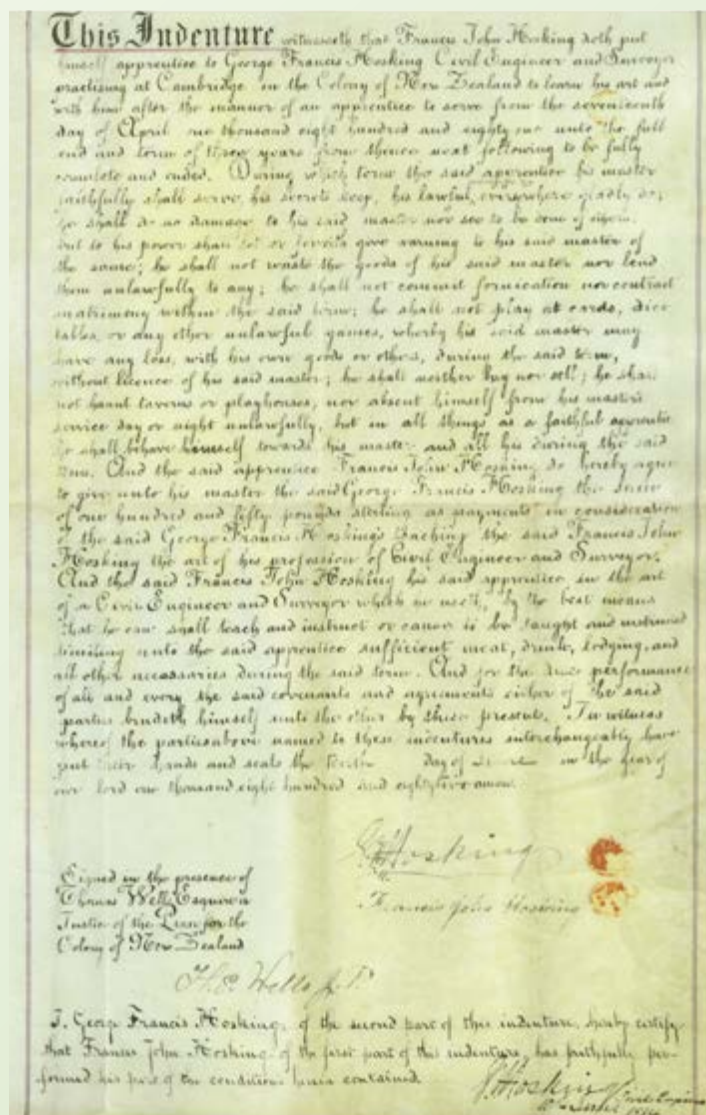


From left to right: Frank Hosking (2nd generation), James Dargaville Hosking (3rd generation), Peter Hosking (fourth generation)

Frank's son James Hosking followed in his father's footsteps, as in turn did his son Peter. Peter served in the New Zealand 21st Battalion in Italy in the Second World War, and upon his return took up his father's profession. Well known in the 50's and 60's for his fitness, Peter also practised innovative forward thinking in his field. He was the last Hosking to join the profession, so the four generations of surveyors will not carry on further.

Peter (91) now lives with his wife Aileen in Whangarei and focuses on lowering his golfing handicap while regularly beating his age on the local course. His wish is for the remaining *taiaha* to remain with the profession.

NZIS is proud to accept the *taiaha*, but sad that the Hosking and Dargaville names will no longer be part of our active membership.



NZIS Branch Chairpersons 2013–14

Northland	Sam Beasley
Auckland	Tom Bretherton
Waikato	Noel Armstrong
Rotorua/Bay of Plenty	Matt Ryder
Gisborne	Kevin Taylor
Hawkes Bay	John Craven
Taranaki	Keith Holswich
Manawatu/Wanaganui	Roger Truebridge
Wellington	Ben Zwartz
Nelson/Marlborough	Vicki Nalder
Canterbury	Scott Williams
South Canterbury	Glen McLachlan
Coastal Otago	Mark Geddes
Central Otago	Tony Cox
Southland	Johnathan Hodson
Westland	Jan Coll
Hong Kong	John Barrett

NZIS Branch Activities

Northland

No report supplied.

Auckland

Over the last year we have seen a continuing number of changes in both the administration of the branch and also with the restructure of our professional body – the New Zealand Institute of Surveyors.

As surveyors, the last twelve months have been an exceptionally busy time for many of us, with an escalating property market, new residential and mixed use developments and more overseas investment and developers.

Like many businesses within the property development and construction sector the growth in both Auckland and Christchurch has created significant resourcing – staffing issues and one of the benefits of this has been the improvement in professional recognition and also improvement in employee remuneration.

Last year it was commented that there is still some professional fee sensitivity in the market however this is changing and with the renewed confidence, demand for our skills and a limited number of practitioners available, the market has started to recognise our skills and professionalism more appropriately.

I would like to thank our executive committee members who have both visibly and behind the scenes over the past year worked hard to administer the branches affairs, arrange venues, coordinate speakers and have participated with various groups.

Waikato

As a whole the Waikato region is in fine fettle. Energised by the powerhouse of the Waikato Dairy industry and its global product demand and happily placed in the Golden Triangle with Auckland and Tauranga the regions' growth curve is experiencing an upward surge. Further impetus has been gained by the RONS road initiative and the development of the Northgate Business Park and Mainfreight transport hubs. Proposals by Tainui Group Holdings, currently under Council consideration, for a 500ha development will cement the status Hamilton as a regional transport hub.

Hamilton inner city redevelopment is showing some green shoots of growth with the Kiwi Income Property Trust redevelopment of Centreplace, the PWC building located on a quirky triangular corner site and a new Les Mills facility.

Cambridge By-Pass construction continues at an impressive clip while the Maungatautari Ecological Island recently completed

Avantidrome cycling centre confirm Cambridge as a destination for both the active sports and ecologically inclined.

District Plan reviews are now nearly completion with Regional Council policies having a significantly effect on rural subdivision in particular. Urban Plans are taking a more design orientated approach.

Branch membership has risen with this increase in activity and now stands at 69, with meetings routinely attract in the order of 35 attendees. An influx of, graduates, recently qualified professionals and the returning Kiwi diaspora is particularly pleasing to see.

Branch meetings have included an informal social gathering, LINZ Office visit in collaboration with the BOP/Rotorua Branch, pre-construction season excavation and sediment control workshop with the Regional Council, GIS presentation by OPUS, a site visit to the award winning St Kilda Waterways Subdivision.

Initiatives to facilitate communication with the Hamilton City Council and Waikato District Council have been made as has contact with the local branch of the Planning Institute.

Rotorua /Bay of Plenty

The Rotorua/BOP Branch has continued to be an active branch. We generally hold five branch meetings each year including the AGM however this year we have only held four due to many members being involved with the CSNZ Workshop held in Taupo early March.

Meeting venues are rotated through Tauranga, Rotorua and Taupo to share the burden of travel around due to the geographical extents our branch covers. This year we held a joint meeting with the Waikato Branch at the Hamilton LINZ office and were fortunate enough to see the inner working of LINZ, from plan checking to title issue including the large historic archive collection of plans and titles. Speakers at branch meetings have ranged from LINZ staff speaking on the Cadastral Rules and Landonline upgrades through to Craft Brewers.

Members generally have reported that work levels are steadily improving throughout the district, however not back anywhere near the peaks of the previous decade.

Gisborne

As in previous years, the Branch activities over the past year have been minimal. Only three Branch meetings were held during the past year since the last Annual General Meeting. The first meeting was held on 21 November 2013 whereby we had an appreciated

visit from the NZ Institute of Surveyors' Chief Executive, Hadyn Smith. He spoke to us about the direction and progress of the NZ Institute of Surveyors. Hadyn also spoke about the problems and challenges faced by the smaller Branches, such as ours. After the meeting, some of the members of the Branch, and their partners, adjourned to the Tatapouri Sports Fishing Club with its spectacular harbour views, with Hadyn as our guest. It was a sociable evening that was enjoyed by all. This was to be our only social gathering for the year.

The next Branch meeting was held on 1 April 2014 to discuss issues that were raised by the NZ Institute of Surveyors' Chief Executive, Hadyn Smith, in the newsletter Scene Issue No.3. This meeting discussed briefly topics such as membership drive, the NZ Institute of Surveyors' name and new logo and the methods of funding Branch expenditure.

The third Branch meeting was held approximately four weeks later on 29 April 2014. In attendance were two Land Information NZ's representatives, Stacey Spooner and Alan Ridge. Their task was to give us the latest updates to land-on-line and to discuss cadastral and title issues. We were also briefed on possible future directions and performances of land-on-line.

The National conference for the NZ Institute of Surveyors was held in Dunedin last year. This was a special conference as it was celebrating 50 years of the National Survey School, as well as 125 years for the NZ Institute of Surveyors. The conference was held earlier than usual so as not to clash with the student's exams. Unfortunately no delegate from this Branch was appointed and consequently no Branch members attended.

It is noted that it is now some time since the President of the NZ Institute of Surveyors, or any other Council members, have last paid a visit to this Branch.

The membership within the Branch has now fallen to just four voting members and two associate members. This has arisen due to recent retirements and relocations of some past Branch members. In the 25 years I have been a member of this Branch, this has been by far the lowest membership count.

Finally, I would like to thank our Secretary / Treasurer, Adrian Besseling, for his contribution over the past year.

Hawkes Bay

Once again, the Branch has had a busy 12 months. It is noteworthy that our Branch continues to have an active presence on the local and national scene, initiating, or joining in, several initiatives both regionally and nationally.

Since our AGM in July last year, our Branch has held five meetings. These have been generally well attended and have served as an opportunity for our members to bring to the fore, any issues that may be affecting them collectively. It is good that the Branch is working in this manner and I hope the future holds more of the same.

Our Branch was represented at the NZIS Conference in Dunedin last year by Andrew Taylor, but was also attended by several other branch members. By all accounts it was a conference to be remembered and a real highlight.

A perennial subject, constantly being raised, has been that of the geodetic survey control in the region – the provision of, the maintenance of, and appreciation of the use of existing control monuments. After many a robust discussion at meetings and a couple of attempts at clarification, we were privileged to a Branch visit by two senior geodesists from LINZ. Graeme Blick and John Ritchie provided an insight into the future use of survey control, and the philosophies behind the maintenance programmes employed by LINZ. Clearly, we have to appreciate the future, as well as the past. John Ritchie took the opportunity to clarify the most effective methods of communicating our specific requirements to LINZ.

Another visit by LINZ officers (one that they offer as an annual visit) was that of Alan Ridge and Stacey Spooner, who focussed on the new regulatory processes being adopted by LINZ. It is good to see that LINZ (Regulatory) are keen to keep in touch with the survey fraternity.

With the review of the Hastings District Council District Plan being consulted and progressed during the last 12 months, it became clear there were several worries about the direction of the council, and the inadequate communication between it and our sector. At a Branch meeting in March, a letter of general dissatisfaction was approved to be sent on behalf of us all, and a subcommittee was approved to further the Branch's concerns, in the event of response and the submission/further submission processes underway. This initiative has proven successful in that our concerns were effectively heard and are continuing to be heard through the submission/further submission stages of the District Plan and the Annual Plan.

On the social front, we have had two occasions where we met socially as a Branch. At the end of November, a splendid dinner was enjoyed at a restaurant on the Ahuriri waterfront. In addition to great food, we all came home with a Christmas present each! It was a fun evening. Similarly, another great night out at Jayne Perrin's home in June proved that a mid-winter beach outing can result in weird and wonderful dress codes! Thanks very much Jayne for your hospitality.

Earlier this year, Jayne also facilitated, for Branch members, a very interesting visit to the Napier City Council BTF Wastewater Treatment Plant under construction. This proved enlightening at an opportune time to see the project during its construction phase.

The new face of NZIS continues to become clearer. The Professional Streams have assisted our understanding of the more inclusive nature of the Institute and we look forward to an organisation that embraces a wide spectrum of membership.

I have appreciated my time as Chairman. As I step aside this year I wish the new office holders well. I encourage the Branch to continue its support of all members for the good of the sector.

Once again, I express my gratitude to Keith, our secretary/treasurer. This role is vital for the Branch and Keith has served us well. Thank you.

Taranaki

In this wonderful province we call Taranaki, Branch members continue to be busy with many land and petroleum industry developments taking place in recent times. We are all optimistic that the rest of 2014 and into the new year will continue to see further projects progressing.

We took a step back with branch meetings during the last year due to the change in funding from head office. This has resulted in a change of format with formal branch meetings being held every quarter and infills of technical meetings held in between. This format will be expanded upon this year. Our branch meetings continue to be well attended and it is pleasing to note the many "younger" members who attend.

There has been a huge amount of work put into making sure this year's conference will be a successful one and huge thanks must go out to Vaughan and the rest of his organising committee. Please set aside some time to attend your conference and as our city slogan says "Arrive as our guests but leave as our whanau" We look forward to seeing you all.

Manawatu/Wanganui

There is very little to report from the Manawatu/Wanganui Branch. It has been a quiet year with only two or three meetings held. The work situation is stable at a reasonable level, which is an improvement on the past few years. Hopefully workloads will increase at a steady rate in the coming years.

In general the local authorities have been good to work with in relation to consenting with only a few issues arising which are getting dealt with.

Overall a quiet but good year.

Wellington

Ka puta a Matariki, ka rere a Whānui. Ko te tohu o te tau Māori. Matariki re-appears; Whanui takes flight, being the sign of the Maori (new) year.

Our financial year end coincides with Matariki – a time for being together, looking forward and reflecting on the year that has past. The past year has seen changes for the Institute at both Branch and National level.

We have eleven new members in Wellington, including five from the GIS sector. Some started their lives as surveyors, or with Lands and Survey. The Spatial Stream (for NZIS members

working in the GIS field) is strong in Wellington, as the capital is home to LINZ, Transpower, Powerco, OTS, the former SOE known as CoreLogic, and the established consultants Critchlow and e-Spatial. We are glad to now have the Spatial Stream represented on our Branch Executive.

We have a new Wellingtonian, Mark Dyer, as Surveyor-General, who we welcomed for the first time tonight to a branch meeting. We have a familiar Wellingtonian, Jeff Needham, as NZIS President. The NZIS National Office has moved and has more staff.

Last year the branch exec sought feedback from members via SurveyMonkey. This helped inform our ideas on CPD activities, and on the format and venues for branch meetings. We are now working under a more "user pays" regime, as there is no automatic reimbursement for branch expenses. We are working hard to use our annual subscription income of around \$2000 to benefit our membership.

At our September meeting at Beca's office geotechnical engineer Richard Justice of GeoScience spoke about landslide monitoring.

In October we worked with SSSI to organise a joint YP quiz at Mac's Function Centre.

In November we held a land development bus trip to Cardno sites in Woodridge and Whitby and learnt about current urban design practices and consenting issues. Thanks to Brett Smith of WCC and Phil Rhodes of PCC also.

We started this year with a casual event on a sunny pub terrace in March, with a good show from our new Spatial Stream members.

In May there was another site visit, this time to the *Mackays to Pekapeka* expressway, to learn from Alliance Survey Manager Will Newall about GPS control, cloud computing and machine control.

In June more than 50 people attended a Cadastral seminar, with presentations from LINZ's Lyndon Telfer and Chris Wickham, Nikkel Surveying's Tony Nikkel and Global Survey's Bruce Robinson.

Congratulations to recently Licensed Cadastral Surveyors Fiona Robertson and Mark Cooney.

Thanks to the many individual members who have been actively involved in NZIS affairs:

- on our branch executive, Kate Clancy, Jo Cushen, Dave Gibson, Ryan Liddicoat, Evan McGarvey and Fiona Robertson
- on the Board, Simon Jellie and Jeff Needham
- on the Council, Phil Rhodes and Jeff Needham
- with CSNZ, Ashley Houghton
- on CSLB, Brett Gawn
- on the Legislation Committee, Phil Rhodes, Dave Gibson, Ian Leary and Mark Goodin

- on the Ethics and Complaints Committee, Ralph Jorgensen, Bruce Manners, Mike Morris and Graham Wigley
- on the Joint Working Party on Survey Mark Protection, Mike Foster
- as retiring editor of the NZ Surveyor, Bruce McFadgen
- with the Spatial Professional Stream, Kat Salm, Chris Weir and Ben Dash
- with the Cadastral Professional Stream, Karl Wilton, Josie Fitzgerald and Trent Gulliver
- with the Positioning and Measurement Professional Stream, Rachelle Winefield.

I hope this long list of diligent professionals helps show you all how NZIS works – by grassroots members doing what they can *to expand, enhance and support* the skills of everyone in our broad profession. By to sharing on the online members' forum for example, or contributing to one of the Professional Streams, we support each other, and are stronger and closer for it.

Thanks for the corporate support to the branch with venues and time of staff from Aurecon, Beca, Cardno, Cuttriss, Global Survey, LINZ, the M2PP Alliance, Spencer Holmes and The Surveying Company.

Particular thanks to retiring exec members Fiona Robertson (social) and Evan McGarvey (treasurer).

In summary, both the branch and its members have had a busy year. We all look forward to a new year of new challenges and further change.

Nelson/Marlborough

The combined Branch continues in good shape with around 66 registered with just under half regularly attending meetings at the Rai Tavern at Rai Valley. Some members from Takaka are travelling up to 3 hours to attend meetings. Three meetings were held during the past year. A very good practical session was provided made by representatives from Global Survey on the Leica Nova Multistation scanner. Our local Tony Nikkel ran a practical session on cadastral survey issues using examples from landonline and the Cadastral Board from the last bulletin. Again the technical gritty surveying issues were very well received by the practicing surveyors.

Our last presentation was one from the Land Development sessions, discussing trees and surface treatments in urban areas, from the Dunedin conference. We intend to extend this keep this theme and collate practical examples in Nelson and Blenheim we as a group can share.

Sadly one of our more active younger members, John Cotton, passed away at the start of April 2014. Ross Shirley, Regd Surveyor retired after over 20 years of service to the Tasman District

Council. His forthright and practical approach will be sorely missed by the Nelson Surveyors. Ron Moore, who has worked most of his life as a surveyor, in the Marlborough District turned 90 this year. Ron was working in the field till he was 74 and has continued in his back shed up until the present day.

Branch members on both sides of the hill have been busy interacting with the respective Territorial Local Authorities over planning issues and submissions to plan changes.

Many of the Marlborough surveyors are living off the buoyancy of the grape expansion, and the wineries spending money. With land only just rezoned this year for urban residential, land development has virtually been at a standstill for the last six years apart from Council's own development. With the newly rezoned land requiring servicing and significant sewer and stormwater, upgrades then we will not see anything altering significantly in the next two years. Infill subdivision is limited and expensive and there have been very few rural developments. It is difficult to see how the Marlborough surveyors will get back to the heady days of over ten years ago.

The Nelson market is in a different space altogether.

Nelson and Tasman Surveyors are working on multi lot residential subdivisions across the region. Housing companies are reporting a shortage of available sections. The pressure on hillside land is mounting, and considerable earthworks design is needed to create the flat sites that are being sought after to supply the housing company market. Recent flood events have led to Council's taking a much more conservative approach to stormwater disposal, this together with the high level of Development Contributions has meant that infill subdivision is generally uneconomic.

There is still demand for rural/residential property so the construction of existing consented subdivisions continues along with new applications being submitted.

A large proportion of work for Consulting Surveyors now is in obtaining Resource Consents and dealing with Council staff to ensure practical, fair and reasonable conditions are imposed, and then managing the compliance with those conditions. Land Development continues to become more complex with an ever increasing number of parties involved in the process.

Retirement Villages continue to be developed along with commercial development in Richmond, with new KMart and Warehouse stores recently constructed.

Paul Newton has been invited to be a member of the Richmond Residential Density Advisory Group to facilitate community and professional involvement in the Richmond Residential Density Project and to consider urban design issues. Surveyors need to be involved in these groups at the outset if they want to influence the future housing trends.

Canterbury

The 2013/14 year has been an extremely busy one for members. Nearly every surveyor I speak to indicates that their workloads are high to extreme, as the earthquake rebuild gains momentum. The major positive achievement of this is recognition of the role surveyors play in the development process. The days have gone where builders set out buildings based on fences and architects design on flat sites. Input from the surveyor at an early stage in the project is being valued. Our task is no longer straight forward, given the ground movement that has occurred in some locations which is providing some unique challenges.

Executive Committee

I would like to thank the members of the Executive Committee who have worked behind the scenes during the last year assisting to organise branch matters and National Office events at a local level. We recognise the contribution they have made individually and collectively. Thank you also to their employers who enable them to undertake Institute matters.

The 2013/14 committee consisted of;

Chairman	Scott Williams
Secretary	Phil Dewar
Treasurer	Lyndon Endicott-Davis
Young Surveyors' Rep	Melissa O'Brien
Committee	Todd Airey Michael Croucher John Cochran

Scott Williams' tenure as Branch Chair is at an end. He will stay on as immediate past chair to provide continuity. Melissa O'Brien is stepping down as YSG Rep at the AGM. The remainder of the executive have indicated they will remain on the committee.

Branch Activities

The 125th AGM of the Canterbury Branch of NZIS was held at the Chateau on the Park in the Camelot Room in July 2014. The Canterbury Peg recognises professional excellence within the branch. The Peg was awarded to Craig Thompson for his service to the branch and for his work at the Waimakariri District Council on earthquake recovery. The guest speaker was Peter Townsend from the Employers' Chamber of Commerce, who spoke about the challenges of the Rebuild.

The October branch meeting included an update from NZIS CEO Hadyn Smith, followed by a presentation on cadastral matters and the types of datasets being submitted for redefinition and re-pegging surveys.

Another well attended meeting was held in the Westpac Hub to introduce the CCC Building Location Certification process and new certificate form. This was followed by a presentation from AJ Cowie on examples of sub-standard work he has encountered with respect to earthquake damaged building assessments.

The combined workshop with LINZ, the District Law Society and NZIS on communication and collaboration between surveyors and lawyers working in the property and land transfer area was well attended.

Scott Williams, Lyndon-Endicott Davis and Jeff Needham met with EQC to discuss concerns over the adequacy of floor level assessments. This was followed up with meetings with Southern Response Insurance. Public concern regarding the appropriateness of floor level assessments in line with the MBIE guidelines for earthquake repairs resulted in National Office convening a Working Party comprising Branch members Warren Haynes and Scott Williams, chaired by Professor John Hannah and including University of Otago lecturer Richard Hemi.

Phil Dewar represented the Branch at the NZIS conference and Claire Buxton was supported as a young surveyor.

Christmas was celebrated with end of year drinks where we combined with SSSI members. The event was jointly sponsored by the branch.

The New Year brought the Cadastral Law Exams in February. Again we thank Lyndon Telfer, Lloyd McGarvey and Stephen Mydlowski from LINZ for providing the venue and supervision for the exams.

Scott Williams, Warren Haynes and Simon Ironside held an informal meeting with the Law Society's Property Law Committee to discuss the issues of the Rebuild on cross lease properties. While there are no clear answers to the issues, it was encouraging that both the Law Society and NZIS recognise these issues exist. The intent is to meet regularly with the Law Society to foster the relationship between surveyors and lawyers. I strongly encourage future executive committees and other branches to continue this and to look to expand it to other professions including architects and master builders.

Todd Airey and his team have nearly completed the Russley Road Monument relocation project. The monument is now securely in place with the only thing left to do being the official unveiling.

The proposed EDM Baseline project has made little progress. The intent is to reconvene the sub-committee with a view to pushing this project forward.

Simon Ironside chairs the local organising committee which is preparing to host the FIG Working Week in 2016. Simon and several other members recently attended the FIG working week in Kuala Lumpur to promote the New Zealand working week and assess what needs to be done. I know significant progress has been made. However, there is still a lot of work to be done and Simon and his team are working hard.

Looking Forward

The next couple of years are likely to be extremely busy for members as the Rebuild moves into top gear. Workloads are likely to remain high. Some projects will be challenging, particularly in

areas where there has been significant earthquake land movement. The branch hopes to provide opportunities for surveyors to mix and network with our peers, to socialise and get professional support. The branch executive committee recognises that the number of meetings organised during the last year was fewer than the branch would normally hold. To address this, we have already mapped out a programme of branch meetings, national office events and social events for the remainder of the year.

I would again like to thank the Committee, particularly Secretary Phil Dewar who does a sterling job, for their efforts during the past year. I commend them for their continued support and commitment over the coming year. The involvement of members like them allows the Branch to function; supports our members on local issues and strengthens the profession.

South Canterbury

Workloads have continued to rise throughout the year, going from busy to very busy. Subsequently branch meetings and catch ups have been limited and attendance down on last year. Most correspondence and discussion continues around the direction of the National Institute and profession. All correspondence continues to be distributed to members via e-mail.

The energy and efforts of senior governing members of the Institute is acknowledged. The inclusion of Spatial Sciences into the Institute is well received.

At our recent AGM it was agreed that our branch will invite Local Authority GIS personnel (and other spatial professionals) to a general meeting and discussion. With the main aim being to both open the door for them into the NZIS, and also strengthen our members understanding of GIS systems, particularly as they relate to as-built and asset data management.

Given our geographical location local members have taken advantage of the recent webinars on offer.

Our local membership remains small but is increasing, we welcome survey graduate, Matthew Kerse, who has attended recent meetings. We also welcomed back our Secretary, Frazer Munro from a six-month sabbatical to Italy.

Our region has experienced a mild winter this year. Good for field surveying but no good for the ski industry. Our East Coast Mountains are looking much less majestic than normal.

Coastal Otago

While the 125th Conference of NZIS now seems a distant memory, it was without doubt the largest single event our branch has been associated with over the past 12 months. I have little hesitation in looking back and saying that the conference was a huge success and a success not only in terms of delegate numbers but also in terms of sponsorship, finances, programme matters and feedback. It was an event that involved the branch's organising committee for 18 months and was a massive commitment

to undertake. I can only thank the University of Otago and the respective private survey firms which effectively provided labour at their own expense for the benefit of NZIS as a whole. With the conference aside now however, normality has returned as has a steady workflow for the various firms in the Coastal Otago area.

The past year has seen an increase in branch activities with the branch's 2nd Generation District Plan committee and branch executive both holding more meetings this year to assist in the branch's wider interests. The input from members on these committees and the conference committee has been commendable and is a clear sign of the expertise that is available within our ranks. My one regret, and this is as per my comments of the past two similar reports, is that attendance at normal branch meetings is poor and that the branch is carried by a number of members, who often wear numerous 'caps'. We have in NZIS in the past decade encouraged younger members to get involved with branches and in branch executive positions and I still endorse this approach. I would however couple that with the thought that the cycle must start again for some also. Being a branch secretary or chairperson in the 1980's or 1990's should not be seen as an exemption by service from duties in the modern day.

As for other branch activities in review, we still maintain a strong link with the National School of Surveying through our members, our meeting venue and the joint events we run with the Otago University Survey Students Association (OUSSA). This year featured Christina Hulbe (Dean of the School) joining us as a speaker and as mentioned in my regional roundup piece for the NZIS Newslink, the continued invitations to the school's seminar series. This year's OUSSA has carried on the traditions of the past and has also been very active in stepping up to raise funds for the restoration of the grave site of Charles Kettle. The recent quiz night at the North End Rowing Club was a great event and was well supported by students, staff and local survey firms alike. On behalf of the branch I would like to thank Rob Mears his OUSSA team for the work that went into organising the quiz night and getting the sponsors on board.

I would like to take this opportunity also to bring to the branch's attention the resource that is available to us all and that we pay for in our NZIS annual subscription fee, that being National Office. The CEO has encouraged us as a branch to use them when required to assist in our activities. They have staff employed by NZIS who specialise in areas such as communications and marketing and are the contact people with the institute's commercial partners. I would also encourage members to express their opinions more openly at branch level or directly to the appropriate people at National Office. I feel that too much in recent years has been decided without branch consultation and silence from the provinces does not encourage the board, council and National Office to look to us for ideas or approval. I question for example, given the opinion of some in our branch, whether NZIS' 'tyre tread' logo would have passed a branch vote, yet funds were allocated to the rebranding from institute resources. Please let

the apathy stop and use the avenues available to improve the institute where necessary during this period of significant change in the NZIS.

My thanks must again go out to Mr Chris Milburn for his contribution to the branch as secretary and Mr Fraser Jopson for his long service as treasurer. They have both made themselves available to assist on branch matters when required over the past year and have shouldered much of the unseen work that goes on behind the scenes in an organisation such as this.

Lastly, it is with sadness we have marked the loss of two of our branch members during the past year. Max Hadyn Warburton and Christopher Charles Hoogsteden were members of great standing in Dunedin and nationally. Both were men of principle and wisdom and their parting has left a huge gap in the collective knowledge of us as a group. To lose the last Chief Surveyor of our land district as well as our conference convenor, a long standing member and former head of the National School of Surveying is indeed notable and their legacies will last long in our region. They will not be forgotten as people or for the wonderful contributions they made to surveying.

Central Otago

The Branch region has seen an increased level of surveying activity over the past year, which we all hope will continue steadily on into the future. Membership has been bolstered by the employment of a few graduates, and we look forward to seeing their professional careers develop.

Once again we have had four meetings, plus our usual Christmas social outing, during the past year. We are grateful to Lyndon Telfer and Gary Regaldo from LINZ, and Hadyn Smith our CEO, for making the long trip to address meetings here and bring members up to date with news from their parts of the surveying scene.

A meeting with senior planning and engineering staff at Queenstown Lakes DC was also very useful, with their planning and regulatory services having been brought back in-house after several years of being contracted out. At another, we had an in-depth presentation about domestic wastewater pumped systems which for many members would have added a good deal to what they already knew about the technology.

Formal professional development has been relatively quiet, with a Masterclass seminar on 3D presentation and Urban Design. We look forward to the new webinar format presentations becoming a time-efficient way for members in this relatively isolated area to keep up to date.

Southland

The Southland branch has had a relatively quiet year, however we have just had a meeting as part of the regional roundups with Lyndon Telfer and Chris Wickham, LINZ. This proved to be very

beneficial with many questions asked and we thank them for coming down and taking time out of their week.

Workloads in Southland have picked up and a couple more members have joined the local branch which is always a good sign.

The Southland branch is looking forward to a busy year where the online seminars will be invaluable for the branch as well as several other isolated branches throughout the country. It will be a welcome change from travelling for at least half a day to earn CPD points!

Westland

Westland Branch over the past 12 months has held three meetings, one being the AGM (due to bad weather on the coast and the passes being closed the original date was postponed and the AGM was held via teleconference). The two other meetings were well attended by Westland Members from Hokitika, Greymouth and Westport areas and at both of the meetings we had LINZ representatives carry-out very informative presentations. Lloyd McGarvey and Mark Wilson were at the November 2013 meeting and at the May 2014 meeting Lloyd paired up with Chris Wickham to inform us of LINZ processes. We are very appreciative of LINZ being present at Westland Meetings and answering our questions.

Branch members have been busy working to conserve an Old Peg from Reefton, named Montgomeries Peg, after the original surveyor John A. Montgomerie (the peg is from his 1907 survey at Blackwater approximately 30km south of Reefton). To give you some back ground to the Peg: At the 1990 NZIS Conference, Dept. of Survey & Land Information (DoSLI) Nelson staff presented the Peg to John Winton Montgomerie, the original surveyor's grandson. John Winton is now deceased, so a family friend Bruce Stern and Ainslie Reid (John Winton's daughter) contacted NZIS expressing an interest in preserving the Peg and also that there were historic documents. Westland Branch Members have worked together on the project and many Members have personally contributed funds toward the conservation of the Peg. The project is coming to an end and the Branch will be presenting it to the Blacks Point Museum (near Reefton). It is great to see some of the old survey work preserved for future generations.

Workloads for surveyors, although slow on the Coast, have provided some interesting challenges with the 5 new Marine Reserves on the West Coast. Also the Cycle Trials on the Coast are coming to fruition (Old Ghost Road – Westport area, West Coast Wilderness Trail – Greymouth and Hokitika areas) and these have also needed surveying work.

Hong Kong

A fairly quiet year for the Branch, with most of our activities centred around social gatherings, and get-togethers to welcome visitors to Hong Kong – some of whom are now retired members of the Branch living overseas .

One very pleasant gathering was held to welcome Kim Gudgin and his wife. Kim was a founding member of the Branch, and an early Chairman. It was good to see Kim and Barbara happy and relaxed, and enjoying retirement to the full.

Another event was held to celebrate Gary McAuslan's promotion to the Senior Surveyor rank in his firm, and the opportunity was taken to obtain information on each of our member's recent activities for the NZIS *Newslink*.

This appeared in the June *Newslink*, and gave details of all 5 Branch members – John Barrett, Chairman, Gordon Andreas-send, Secretary, TN Wong, Gary McAuslan and Merrin Pearse. It is interesting to note that those surveyors gainfully employed are responsible for major projects worth more than 10 Billion NZ\$! Needless to say there is ample employment for land and engineering surveyors in Hong Kong.

From the bush to building sites ...



Mark Geddes, Licensed Cadastral Surveyor, Paterson Pitts Group, Dunedin

I work for *Paterson Pitts Group* in Dunedin, a company undertaking all elements of New Zealand surveying and land development engineering. We have six offices with five in Otago and one in Christchurch. My role sees me generally dealing with the awkward cadastral definitions, while also working on the various aspects of multi-lot subdivisions.

I opted to pursue surveying as a profession after completing a geography degree at Otago University in 1997. I wished to avoid having a job that kept me inside full time and maths, geography and technical drawing/design were always areas of interest, so surveying fitted well. My first position was a part time role at *TL Survey Services Ltd*. This was a company that was formed from the former *Department of Survey and Land Information (DoSLI)* office in Dunedin and covered a large geographical area. I started there in 1999 before becoming full time in November 2000. We undertook a huge range of Land Transfer/Survey Office surveys ranging from large bush surveys in the Catlins (cooking on an open fire, staying in a wool shed and getting around on motorbikes), to limited title surveys in urban Dunedin and high country pastoral lease work in helicopters.

Engineering work was rare in Dunedin in the early 2000's, and like two other southern graduates from my year, it took me four years to get the engineering days required for the NZIS professional interview. But when economic activity increased, so did three years of intensive engineering work.

In January 2007 I left New Zealand with my family as my wife was taking up a post-doctoral research position in London. Initially I undertook topographical surveys around southern England before working on the *East London Line (London Overground Railway)* project where I first worked as a monitoring surveyor before being promoted to Senior Engineering Surveyor Central Section. This saw me working with a team of international



London Olympics Aquatics Centre



surveyors and engineers. My team oversaw and assisted in the construction of multiple bridges, a 22-span viaduct, two new stations, three station re-fits and about five kilometres of new rail above and below ground. This was a fantastic experience in terms of the nature of the work, technology and methods being

employed and the chance to work with such a large, skilled and varied work force.

Later, I had a brief 'holiday cover' contract as project surveyor for the Heathrow Terminal 2 construction project before working as





a drainage engineer at the London 2012 Olympic site. I then took up the role of Grandstands Engineer for Balfour Beatty at the *Olympic Aquatic Centre*; working in both the survey department and the temporary works team before getting the additional role of package manager to assemble the 'deliverables' for my section of works to the agents for the London Organising Committee of the *Olympic and Paralympic Games (LOCOG)*. There were 750 people on a very compact 24 hour a day site, with numerous subcontractors, 10 of whom worked in my section. The planning, safety measures and Balfour Beatty management processes on that site were a considerable escalation from other projects I've been involved in.

Returned to New Zealand in mid-2011 I managed to catch the final few games at Carisbrook but found work opportunities hard to come by. I picked up a few odd jobs including surveying the Orange Zone of Christchurch earthquake affected properties before the directors at *Terramark Ltd* provided a short term role, undertaking cadastral work prior to my move to Paterson Pitts in 2012.

While I had worked to keep my cadastral license active on my two holidays back to NZ, the new *Surveyor-General's Rules 2010* were now in, 12D software was common place and electronic lodgement of surveys into *Landonline* was compulsory, so in many ways I had to learn much of cadastral surveying all over again.

As for career highlights to date – bush surveys, the railway and my time helping out with the Olympic swimming pools come to mind. Surveying has provided me with both a career and plenty of memorable experiences too. There are many chapters to go in this story, and much to be learned. The story, as for all of us, is not over. I look forward to the challenges the future holds in this ever changing role.



FIG Reports

FIG International Report

New Zealand has had a particularly active involvement with FIG over the past 12 months. A team of 18 people represented both LINZ and the NZIS at the General Assembly in Kuala Lumpur in June 2014. This high level of participation was largely driven by the need to gain the maximum publicity for the 2016 Christchurch Working Week. Next year's Working Week, which will be in Sofia, Bulgaria, is expected to be much smaller than this year's conference, with a smaller Pacific regions representation, and thus commensurately fewer opportunities for promoting Christchurch. The New Zealand contingent was led by the NZIS President, Jeff Needham, with support from the Christchurch conference organiser, Simon Ironside.

The FIG Climate Change Task Force (CCTF), chaired by John Hannah presented its final report in Kuala Lumpur. It is expected that a final document entitled, *"The Surveyor's role in monitoring, mitigating and adapting to climate change"*, and embodying the CCTF's work, will be available as a formal FIG publication later this year.

Another important aspect of the General Assembly was the election of the incoming FIG Council and the confirmation of the new FIG Commission Chairs for the next four years. Professor Chryssy Potsiou was elected FIG President with Rudolf Staiger (DVG, Germany) and Diane Dumashie (RICS, UK), the new Vice-Presidents. John Hannah was unsuccessful as the NZIS nominee for one of the two vice-presidential positions. Brian Coutts, however, was confirmed as the incoming Chair for FIG Commission 1.

The following report was received from the NZIS's Commission 5 representative.

"Graeme Blick has completed his term as the Chair of WG 5.2 (Reference Frames). The incoming Chair is Nic Donnelly from LINZ. The Commission completed its new Reference Frames in Practice Manual and released it at Kuala Lumpur. It is available on the FIG web site. It has been proposed that the Commission run a Reference Frames in Practice workshop as part of the Christchurch FIG meeting."

Forthcoming FIG Working Weeks are to be held as follows: 17-21 May 2015, Sofia, Bulgaria; 2-6 May 2016, Christchurch, New Zealand; 2017, Helsinki, Finland; and 2018, Istanbul, Turkey.

2016 FIG Working Week in Christchurch



FIG Working Week
Christchurch
New Zealand
2-6 May 2016



Recovery from disaster

In 2012 NZIS pitched for and was awarded the FIG 2016 Working Week. This key outcome for our profession will take place in Christchurch at the Horncastle Arena and Addington Raceway between the 2nd and 6th of May.

Although nearly two years away, plans for the event are progressing well under the National Office and Local Organising Committee (LOC) umbrella. The LOC Chair Simon Ironside is assisted with the growing project by Vice Chair Warren Haynes, Hadyn Smith (NZIS CEO), Mark Allan (NZIS Councillor), Melissa O'Brien (YP Representative), Shane Dixon (Branch Chair), Alistair Greig (Treasurer), Lyndon Telfer (LINZ), Martin Hewitt, Michael Martin and Kurt Janssen. NZIS has enlisted the assistance of conference organisers Conference Innovators Ltd to assist the LOC and manage the event.

Part of the early focus for the LOC was the design of the WW 2016 theme and logo. The logo has evolved from the imagery of the Avon River and the layout of central Christchurch and depicts the fundamental configuration of a city being rebuilt. The design is simple but reflective of the massive impact the earthquakes of 2011 and 2012 have had on Christchurch.

The theme is 'Recovery from Disaster' and demonstrates our point of differentiation from other Working Weeks and the reality of our profession in Christchurch. New ideas, new spirit and the culture of the rebuild is a theme well received by FIG.

In support of developments to date Christchurch has already been visited in 2013 by CheeHai Teo (the FIG President) who endorsed both the concept and the venue along with the immediate past Mayor – Bob Parker and the new Mayor – Lianne Dalziel.

The hard work is now going in to create a masterful event and ensuring that FIG WW 2016 is well supported by our members, our Australian and Asian peers, and by delegates from all over the world in order to ensure that our story focuses international attention on New Zealand and Christchurch in 2016.

Simon Ironside – Chair LOC 2016 WW LOC

Report on the XXV FIG Congress in Kuala Lumpur, Malaysia



Amongst the 2,500+ delegates in Malaysia were 22 good keen kiwis and this is a brief report on why we were there.

The primarily NZIS focus for this event was to promote New Zealand and the 2016 FIG Working Week that the NZIS will host in Christchurch.

A small number of the team supported by the NZIS along with others attending from LINZ and Otago University were there to present papers, soak up the knowledge but really we were there to convince people that New Zealand was the place to visit in two years' time.

Like all of the FIG annual events there are a huge number of excellent papers and presentations with usually seven to ten parallel streams on the go at all times. Top class international leaders in specialist areas provide great plenary presentations and heads of state open the show and get followed around by a massive media scrums. It's big, it's impressive and we're having a version of it in Christchurch in May 2016.

So how do 22 Kiwis make an impression in such a large crowd?

We had a five-pronged attack!

Black polo shirts made our first impression. Standing around in groups with nice crisp black polo shirts on seems to have the desired effect; it wasn't long before many of the delegates were asking what the shirts were all about and this gave us all a chance to begin the discussions about how wonderful the WW2016 is going to be. It's a miracle we all got home with our shirts; there were many delegates keen on getting their hands on one.

Our second key ploy was the number of presentations the team provided over the five days. We had a full range of skill sets and nearly every one of the FIG Commissions had at least one NZ paper presented. This allowed everyone to finish their presentations

with a WW2016 slide enticing people to NZ. In retrospect it is amazing how many top quality people this country has!

Saturation was the third element of our campaign. The Kiwis are involved in so many aspects of the international surveying community and throughout the conference program. Emily Tidey, Melissa O'Brien and Matt Ryder dominated at the Young Surveyors Mini Conference taking every opportunity to convince young professionals that NZ would be a great holiday destination. The LINZ team provided great presentations all demonstrating how progressive and clever the NZ systems are, and I know we sometimes get frustrated by these but on the world stage NZ government and systems are leading edge! Our other advantage in this element was Brian Coutts, Nick Donnelly and John Hannah. These three are all active in the leadership of FIG work streams, Brian was elected as Commission 1 Chair for the next four year working term, Nick is assisting in another Commission work programme and John Hannah is in the throes of finalising a piece of work on Climate Change and the Surveyor. I don't recall such good representation by another country (I might be biased there?) Any which way we punch well above our weight, as the saying goes.

Our second to last, and least subtle approach was our booth in the technical exhibit. As we all know the food is served in these area and that was our chance to play All Black videos, give away little fluffy kiwis and engage on mass with the crowds.

Simon Ironside (WW2016 Conference Convenor) and I had the opportunity to give a short presentation to the Fig General Assembly promoting our event which was well received and sets the scene for the formal aspects of our event. Hopefully our Kiwi enthusiasm and accents didn't spoil the messages.

All joking aside the team put in a huge effort engaging across the whole spectrum of the delegate audience and without a doubt made a great impact.

There is much planning to happen and the challenges of hosting our event in a city in recovery after such a significant disaster will take a big effort. I have no doubt that what we have to offer in terms of story and applied skill will be compelling and our Christchurch Colleagues working with National Office will make us proud.

Put it in your calendar now, 2-6 May 2016.

Professional Streams

Cadastral Professional Stream

This has been a busy year for the Cadastral Stream. In October 2013 the call came from Hadyn Smith (CEO of NZIS) to Stefan Kiss (NZIS Councillor) to get the Cadastral Stream off the ground and underway.

During November and December a short list of leadership candidates was drafted, discussed and finalised, and then in February 2014 a formal letter was sent to each candidate asking them to consider the role of Cadastral Stream Leader.

By early March we had a finalised list of seven, representing a good mix of geographic spread and professional background. This group of people all exhibited great skills in communication, passion for their profession, and keenness to help make a difference.

The next task was to finalise a Terms of Reference and Business Plan for the Cadastral Stream and then to present this, together with the proposed names of Stream Leaders, to the Board for approval. This work was completed in a collaborative approach and resulted in each Stream Leader being allocated a specific role. This structure was duly endorsed by the Board and the following leadership team confirmed

- Stefan Kiss – Cadastral Professional Stream Chair
– New Plymouth
- Josie FitzGerald – Communication with Members
– Wellington
- Richard Hemi – Student Education Liaison – Dunedin
- Darren Hocken – Knowledge Improvement – Christchurch
- Brian Curtis – Cadastral Stream Homepage – Auckland
(now Fielding)
- Trent Gulliver – LINZ Stakeholder Management
– Wellington
- Karl Wilton – LINZ Stakeholder Management
– Wellington

The Leadership team meets by web-conference on the second Thursday of every month. The initial planning meetings identified priorities that warranted immediate action. These included; creating and maintaining a Cadastral Stream Homepage within the NZIS website (to provide links to Cadastral resources), liaising with LINZ on the enhancement of the Landonline system, assisting with guiding appropriate CPD presentations, and engagement with members.

To date, all of the above projects have been significantly advanced or completed. Our focus has now turned to how to better engage members and how to create a collaborative environment for Cadastral Surveyors to share knowledge, experiences and resources. We see the website and communications forum being a vital cog. We are also planning a series of regular articles and news items affecting cadastral surveyors.

In summary, this year has been about creating a structure and leadership group for the Cadastral Stream. Looking forward, the focus will be about assisting members to engage with one another, to foster a culture of shared knowledge, and to collectively work to advance the profession of cadastral surveying.

Stefan Kiss – Chair

The Engineering Surveying Professional Stream Report

Definition

The image of an Engineering Surveyor is one who undertakes a mix of control, setout, as-built, topographic and monitoring surveys. While Engineering Surveyors will have involvement with Land Development Engineering, they are better suited to sit with the Urban Design Stream.

The Leadership Group

The Leadership Group for the Engineering Surveying Professional Stream is made up of:

- Michael Cutfield – Employed by Fletcher Construction on the Waterview Tunnel project, nominated to be the leader of the stream
- Mark Fleming – Emigrated from UK approximately 10 years ago, employed by Fletcher Construction, worked on Northern Bus Link
- Bruce Walker – Worked for cadastral practices and has experience on pipeline work in Taranaki, steel mill, high rise, Auckland construction
- Steve Odinet – Started in construction industry on civil, high rise and industrial projects, career change to Surveying with current focus back on civil engineering. Current NZIS Councillor for engineering surveying.
- Andrew Stirling – Consulting experience in engineering surveying in NZ and overseas, will provide a link to Education Sector, Board and NZIS CEO.

Aspirations

Certification

The Registered Professional Surveyor (RPSurv) title offered by the NZIS will be developed and promoted. We will aim to have a clear pathway for new members on how to become RPSurv through the Engineering Surveying Stream. One of the Stream's most important goals is to make the RPSurv certification accepted nationally as the accreditation required of individuals to assure spatial accuracy of any task.

New Members

There are many surveyors working in the construction and contracting industry who deserve recognition for their skills. This can range from the labourer who can hold a staff bubble steady, to the labourer who has been operating survey equipment for 10 years, right through to the degree-qualified, experienced surveyor who has a passion for construction.

There are also those surveyors who work within consultancy firms who have a passion for the measured world, but do not want to go down the well-trodden path of the Cadastral Surveyor.

The Engineering Surveying Stream wishes to provide a professional service and title to these new members that they will value. However, this must not compromise the integrity of the NZIS brand.

Training

We expect many of the members of the Engineering Surveying Stream to have only had "on the job" training. There will be a service which will identify the Engineering Surveying tertiary qualifications available and provide an independent assessment of which may be more suitable to an individual's requirements.

Many Continuing Professional Development courses will be offered through the stream also to keep surveyors up to play with the latest developments.

Community

It is important for Engineering Surveyors to have a network of fellow experienced surveyors to call upon if a difficult problem arises. A resource of knowledge will be a significant benefit to a member, and the most likely tool for facilitating these interactions are the forums.

Publication of unique experiences will also aid members in deciding what to do (and what not to do in some cases) when tricky problems arise.

New Technologies

New survey tools are emerging at a rate that is difficult for even the most tech savvy surveyors to keep up with. These new technologies are developed to enhance the productivity of surveyors, and are commonly targeted at the engineering surveyor.

Examples:

- Where once it might have taken weeks for a surveyor to navigate a site with an RTK setup in hand, now an Unmanned Aerial Vehicle can do a better job in just one afternoon.
- Building Information Modelling (BIM) is becoming more widely talked about in the New Zealand construction industry and has the potential to be implemented at an exponential rate. Keeping track of the developments in BIM may be critical to the success of an Engineering Surveyor.
- Machine Guidance of civil construction machinery is now well established, and as a result, the Surveyors are becoming fewer and are changing their titles to Data Mangers. Support and guidance in the transition will be of great benefit to the member.
- As construction projects increase in size, and the emphasis on safety is increasing, the large scale, accurate monitoring of the movement of both natural and constructed features is also gaining greater attention. There are many tools available to the surveyor to provide accurate

monitoring data, but no one monitoring project is the same. Shared experiences and methods in monitoring will also aid a member in finding the best solution to their project.

Summary

The Stream has a great vision of where it wants to take Engineering Surveyors in the future, but we have a lot of work ahead of us. There are also many surveyors coming out of the woodwork who are eager to help the cause and share the vision that we are creating within the Engineering Surveying Professional Stream.

Michael Cutfield – Chair

Land Development and Urban Design Professional Stream

In this inaugural year of the Land Development Stream the main focus has been on having input to the development of a CPD programme that will assist surveyors to keep up with changes happening in the many areas of interest to members. With the growth of larger housing developments, particularly in Auckland and Christchurch, there is a resurgence in innovation associated with master planned communities and the urban design seminar held in July 2014 revealed how new roading and lot layouts are being used in the Long Bay and Hobsonville developments. It's thanks to David Ison from the Hobsonville Land Co and David Irwin, presenters, for very informative sessions on the Hobsonville development and to Mark Williams from Woods for showing a new approach to road design at Long Bay. The road design in these developments is breaking new ground in terms of geometry, surfacing and landscaping, and is a useful design study in its own right.

In 2013, urban design seminars were held in a number of centres covering a range of design-related subjects including designing for increasing density, road design and visualisation of design projects. Sam Coles provided some exciting imagery and design techniques on SketchUp including BIM (Building Information Modelling), illustrating the versatility of this software for multiple uses across the full range of services surveyors have to offer. Tony Nikkel supported the visualisation segment of these seminars with examples of mapping using Google maps, showing that highly effective presentations can be developed, supporting a generally prevalent view that the tools are here now – it's just about data (and innovation). Colin O'Bryne from the School of Surveying presented an international perspective on density and making cities work better in terms of providing a range of housing choices. Colin's choice of subject matter showed that an adaptable approach to planning can make a substantial improvement to the ability of cities to provide for housing choice.

Overall these seminars continue to develop the idea that surveyors can be design professionals and provide encouragement for surveyors to continue to explore new techniques and ideas for betterment of developing communities and the profession. We wish to thank the presenters involved in these seminars for their invaluable assistance.

Following the visualisation seminar using SketchUp, an introductory webinar on how to accelerate users' abilities with this software was held and is now available to be booked and downloaded from the NZIS Webinar Library. As with other design professions, the ability to communicate and market ideas is paramount, especially in the area of land development, and now, with products like SketchUp, 12d and many others that make 3D design and presentation easy, members of the land development stream are able to achieve much higher standards than ever before.

Two successful webinars on report writing and writing better resource consents have been held this year and thanks to Mark Ashby from NZPI for his contribution to the consent webinar in particular. As with visualisation, written communication is one of the most essential skills for surveyors, and building confidence and expertise in written work is one of those soft skills that are vitally important for professionals at all stages in their career. Other webinars are planned for the coming year in subjects like negotiation skills for those who regularly deal with external organisations, such as Councils, on difficult issues and need effective outcomes.

The urban design photo library on the NZIS website continues to grow with many new photos added from around the country this year. The library is both a showcase of surveyors design work and an "ideas centre" for inspiration for new development work. The photos showcase not only a wide variety of street designs, but landscaping techniques and landscape architecture and are a valuable educational resource.

The aims of the Land Development Stream are to support the sector within NZIS and as it is a very multi-faceted group there are numerous opportunities for the stream to consider, explore and develop. In the coming year there may be changes to the Resource Management Act and ongoing changes to the Local Government Act that will continue to influence the work that surveyors are involved in. The process and speed of change is unrelenting and the Stream leadership team will be monitoring and working to keep members up to date on external changes that affect the stream as they develop.

Thanks to the leadership team for their contributions this year – Jason Cargo, Alan Wilkinson, Lisa Gibellini and Dion Mead.

Phil Rhodes – Chair

Spatial Professional Stream

The NZIS Spatial Stream is new for NZIS, with membership comprising the inclusion of the NZ branch of the SSSI, existing NZIS members who have identified spatial as their primary competency, and new members encouraged by the prospect of a single body representing their capability in New Zealand.

The Spatial Stream committee had an initial meeting earlier this year with the SSSI NZ committee to ensure a full handover in terms of activities and focus areas, and to discuss the Terms of Reference and Business Plan for the Spatial Stream.

At a subsequent meeting, the goals of the stream were discussed. Building membership numbers has been identified as the key priority for the stream in its first year. This will be done through growing the capability of – and career opportunities for – spatial professionals by:

- understanding the wants and needs of potential stream members
- understanding the wants and needs of spatial business owners
- driving CPD/Training opportunities
- identifying opportunities for Professional Certification for spatial professionals
- connecting and collaborating with other spatial leaders and groups
- identifying priorities for the stream
- marketing

Spatial Stream Committee membership is currently being finalised, with the committee list including:

- Kathryn Salm (e-Spatial – Wellington Chair)
- Greg Byrom (Critchlow – Wellington Council Rep)
- Chris Weir (CoreLogic – Wellington SSSI liaison)
- Ben Dash (Cardno – Wellington. NZIS Regional Branch Exec rep)
- Justin Fail (BECA – Auckland)
- Shane Turk (e-Spatial – Wellington)
- Mike Ladd (OPUS – Auckland)
- Jennifer Ryan (LINZ – Wellington)
- Elaine McAlister (Spatial Consultant – Wellington)

Kathryn Salm – Chair

Hydrographic Professional Stream

The Hydrographic Professional Stream (HPS) was established after the 2013 Conference. An initial Leadership Team comprising three NZIS Hydrographic Surveyors with additional support from Andrew Stirling worked to deliver a Terms of Reference and Business Plan for 2013/14 which were approved at the February 2014 Council Meeting.

The HPS has been moderately active throughout the year and the following list describes some of the activities and issues arising;

- Attendance at the April 2014 SSSI Hydrography Commission National Committee (HCNC) meeting (Emily Tidey). Since that meeting the HCNC has delivered a video about careers in Hydrography (available from NZIS website under Careers Tab). The HCNC recently embarked on a project to produce a video about Hydrographic Certification that includes NZ input co-ordinated between the HPS and HCNC.
- Initial discussion on development of an MOU between NZIS HPS and the Australasian Hydrographic Society (Bruce Wallen). A template for an MOU has been accepted as a start point for further discussion.
- Contribute to the Review of NZQA Survey Qualifications (Rhys Davies, Maurice Perwick). There is a proposed new and separate Diploma of Hydrographic Survey under development which, if accepted by on-line providers, will create another training opportunity and entry point for students to the Hydrographic industry.
- Attended FIG Meeting in Malaysia, June 2014 (Emily Tidey).
- Presentation on NZIS HPS to the NZ Branch of the Australasian Hydrographic Society Annual Seminar, June 2014 (Maurice Perwick, Bruce Wallen). The AHS NZ Branch and NZ Industry sponsored several Students undertaking Hydrographic Survey papers at Otago University to attend the seminar and present papers on their work. This pool of young talent is a potential membership source for both the NZIS and HPS.
- Provide ideas to conference organisers for a Hydrographic Session/Workshop at NZIS 2014 Conference

- Provision of Hydrographic CPD training suggestions submitted to NZIS (Vanessa Deleat), (co-ordinated by Emily Tidey). The suggestions included;
 - Hydrographic qualifications and certification, an update and overview,
 - Establishing Tidal Datums, MHWS and Boundary Issues,
 - Update/demonstration of Hydrographic Survey Equipment (an offer was provided by Trimble NZ to host this seminar),
 - Software Training Session, HydroPro or Caris (an offer was made by Otago University to host this seminar),
 - Using Laser Scanners in a dynamic environment.

The development of HPS working structures and expansion of the HPS Leadership team has not yet commenced. The HPS currently has seventeen NZIS Members who have registered interest and are flagged in the NZIS membership database. They are able to use the MemberConnex portal on the NZIS website for HPS communication.

Bruce Wallen – Chair

Positioning and Measurement Professional Stream

Rachelle Winefield was appointed as the Chair of the Positioning and Measurement Stream in February 2014 and briefed at the Council meeting 28 February 2014, with Jeff Needham appointed as overseeing board member.

In her April Report, Rachelle had yet to establish a Positioning and Measurement Stream committee – there was no record at that time of the members identified as part of this stream.

Rachelle also identified that the mission statement for the Positioning and Measurement Stream has yet to be defined - The Board have indicated that this direction should be provided by the Stream Committee /members. (Unfortunately, possible committee members approached to date, have been reluctant to commit to as position is too loosely defined).

It has been suggested that the Positioning and Measurement Stream has two main interests. A draft explanation could be something like the below:

1. Measurement, instrumentation and methodology. Including, but not limited too: Deformation Monitoring, Laser Scanning, Precise Levelling, Precision GNSS Observations
2. Survey Data related to the size, shape and positions on the Earth. Including, but not limited to: Datums, Coordinate Systems and Projections.

In order to identify stream members and create interest in the stream (find who they are and what they are interested in), a number of action items were outlined:

- Creating and updating a page on the NZIS website defining Positioning and Measurement. Providing a forum and discussion boards with the Committee posting an article of discussion at least once a week – *yet to be developed*.
- Once members have indicated their streams of interest for the 2014/15 year, Survey those who indicated "Positioning and Measurement" to gauge interest for committee members – *contact details for those who responded to the CPD spreadsheet were supplied to the committee chairs (July 2014). Each of these respondents are to be approached*.

- A committee will be able to be formed from the short-list mid-September 2014 – *on track*.
- Following a Positioning and Measurement Stream CPD event (LINZ coordinate and positioning presentation) at the conference, hold a Positioning and Measurement social event and first committee meeting – *not allowed for in conference programme*.
- NZIS members who attend social event can then be sent a survey to better understand their interests and CPD requirements – *Another method of connecting with stream members will need to be determined*.

In June the Chair met with the FIG Commission '5 Reference Frames in Practice' Working Group Chair, to discuss the opportunity for NZIS and FIG work together to develop a geodetic contribution to the FIG working week Christchurch 2016 – *This is something the Positioning and Measurement stream would like to support*.

The next steps in develop this stream are as follows:

- The development of a Positioning and Measurement stream section of the NZIS website – This will be used to develop discussion and interest in the stream. *Once established the Committee will commit to positing an item per week and engage in discussion on the forum*.
- Once an online interest group has been established the Committee will hold a project event (something like a review of the geodetic content of the NZIS "Land Title Surveys in NZ" publication, or an update of the NZGD2000 Wikipedia pages etc) – *To be held before December 2014*.
- Once interested members of the Positioning and Measurement stream have been identified (Responses to CPD email, Project on website) – Members will be invited to join the committee – *This will continue over the coming months*.
- The Positioning and Measurement Stream will continue to work with the knowledge adviser to support CPD development opportunities.

Rachelle Winefield – Chair

Special Interest Reports

NZIS Working Party Review of MBIE Floor Level Guidelines

In 2013 NZIS became aware of significant concerns regarding the measurement of earthquake damaged buildings in Canterbury. After consultation with various stakeholders, it decided that it could play a valuable role in a review of the measurement practices that had evolved in Canterbury. NZIS's aim was to ensure that appropriate measurement techniques were being used and that the measurement systems employed reflected good survey practice.

An NZIS Working Party was formed under the leadership of Emeritus Professor John Hannah and included Scott Williams (NZIS Canterbury Branch Chair), Warren Haynes (former NZIS Canterbury Branch Chair) and Richard Hemi (Professional Practice Fellow at the National School of Surveying, University of Otago). They were required to complete a review of the Ministry of Business, Innovation & Employment (MBIE) Guidelines relating to the measurement of floor levels of earthquake damaged buildings and to investigate the measurement methodology and practices that had been applied in Christchurch. Where appropriate, they were to make recommendations for improvement. Their work began in March 2014 and was completed by the end of June.

The final report, which outlined the Working Party's findings, also described best practice procedures for levelling, including those needed for using the *Zip Level Pro-200 Altimeter*. The important elements of that report can be summarised as follows.

1. Many residential dwellings were damaged in the earthquake sequence. While by no means the only relevant measurement metric, floor dislevelment is used by engineers as a primary indicator of building performance. The criteria against which the floor assessment is made have been published by the Ministry of Building, Innovation and Employment. A decision to repair or rebuild typically involves an assessment against these criteria.
2. Some dwellings have had multiple, independent floor level assessments with the resulting documentation passed on to engineers, homeowners and/or insurance companies, amongst others. These assessment surveys have been carried out by a wide variety of people all with varying levels of measurement knowledge and skill. Unfortunately, the documentation from some such assessments has been insufficient to determine: (a) whether

or not they are fit-for-purpose, and/or (b) whether those doing the task have had the appropriate skills, knowledge and techniques to be able to guarantee the quality of their work.

3. There is evidence of at least some poor or incorrect assessments due typically to (a) an apparent failure to consider a wider suite of assessment criteria and, (b) incorrect and/or inadequate floor levels being obtained. For this latter reason the WP is strongly of the view that irrespective of the equipment used in the assessment of a building, the process used for floor levelling and the records kept should reflect what the surveying profession would regard as normal, good survey practice. To this end the WP developed a template that it believes should be used by all those who undertake floor level assessment surveys. This template should lead to much improved levelling data and accountability.
4. Due to the widespread uses to which levelling data may be put, and the many techniques available, no one specific measurement method was recommended. In cases of doubt, the Working Party recommended that only a competent person or someone operating under the direction of a competent person should make such decisions.
5. The Working Party was satisfied that a Zip Level, when used by trained users and in strict accordance with recognised procedures of best practice, could be an appropriate floor levelling tool for a range of assessment purposes. However, the Working Party concluded that some measure of formal training should be expected of all users of Zip Levels. It suggested that NZIS either initiate such a training course or partner with others in delivering such a course.

Where legal action appeared likely or where there was a dependence upon an accurate and credible presentation of survey information obtained in accordance with best survey practice, the Working Party was strongly of the view that as measurement specialists, Registered Professional Surveyors (RPSurvs) or Licensed Cadastral Surveyors (LCSs) were the only appropriate professional people to be engaged for such data collection and its presentation.

John Hannah – WP Chair

Young Professionals

This year the Young Professionals Group (YPG) has strived to continue the momentum that has been built over the last year. Again we have organised Skype study sessions to assist those members sitting the February Cadastral Law Exam where there are limited numbers sitting the exam in their area. The feedback received from the study groups was generally positive and we hope to facilitate a similar system to help with exam preparation in the future. We would like to take this opportunity to thank the Members of the Institute who gave up their time to help with these study groups. Special thanks must go to Melissa O'Brien who organised the Canterbury Branch sessions which doubled as the Skype sessions for those members around the country who did not have others to study with.

The November and April Professional Entrance Interviews were undertaken by many YPG members and the feedback from the examiners was that the projects and candidates were of a very high quality. Congratulations to all members who have completed their Professional Entrance Examinations and good luck to those currently preparing their projects for submission.

The YPG executive has held a number of teleconferences throughout the year to attend to issues as they arose. The YPG has recently started using social media to help keep members connected and while this is still in early days, it is hoped this will help members stay connected with one another.

In addition to the usual YPG activities, which are predominantly providing support for our members in preparing for the Cadastral Law Exam and Professional Entrance Interviews, last year we arranged with the School of Surveying to deliver a lecture to the 2013 final year Professional Practice class. The topic of this was three pronged – who and what are NZIS and the YPG, what they can offer a graduate by way of membership and what a graduate can expect in their first few years post graduation.

Integration has also occurred with other Young Professional Groups in the Canterbury region, with IPENZ, NZILA, NZIA and NZPI holding joint events and presentation evenings sharing work stories and projects. This has been very successful and has proven to be a great networking tool for all involved. In Wellington events were held where the SSSI YPs and the NZIS YPs got together for social networking.

The YSG would like to thank everyone who has contributed their time and support throughout this year. We aim to continue to advance the YSG and look forward to supporting our members in the coming year.

Matt Ryder – Chair

Women in Spatial/Surveying (WIS)

The WIS group has been together for four years now and every year the membership grows, it now stands at over 145 with all members having access to a WIS LinkedIn group. The WIS group fills a niche for ladies in the spatial industry, not only through networking, but also providing access to talks and speakers not otherwise accessible.

The network aims to provide the opportunity for women to meet and interact to develop personal and professional networks across the spatial industry. It also aims to increase the profile and awareness of the spatial/surveying profession by encouraging members to connect with other women's groups such as NAWIC, Professionelle and Women in Property.

In 2013 WIS hosted eight events for women working in the spatial industry. In March we travelled to Christchurch, where 25 Cantabrians attended to hear Emma Winthrop from SCIRT GIS team talk about the spatial industry's support of the Christchurch rebuild.

Haritina Mogosanu, from the Ministry of Primary Industries, spoke at the mid-winter event about the "Kiwi Mars Project" when in January 2011, she was chosen to be part of a Romanian Space Agency team to travel to the Mars Desert Research Station (MDRS), in Utah, USA. The trip simulated what it would be like to live on a space station on Mars.

Dr Barbara Breen from AUT spoke at the ESRI conference in August about the advantages of using *Unmanned Aerial Vehicles (UAV)*. November saw Dawn Wright give an excellent talk about her journey to her current role as Chief Scientist at ESRI.

A small group of women met in Auckland to discuss how the group might operate in this region. Planning for an event in late 2014 is underway, details will be advised at the ESRI conference in Auckland and through the WIS calendar on the NZIS website.

Rebecca Strang

The Consulting Surveyors of New Zealand

The Management Committee and the activities of CSNZ for the year ended 30 June 2014. The executive members elected at the 2013 Annual General Meeting in Dunedin were as follows:

Chairman	Geoff Bates of Dunedin
Vice Chairman	Guy Panckhurst of Hawke's Bay
Northern Representative	John Carter of Auckland
Central Representative	Paul Newton of Nelson
Southern Representative	Carl Fox of Christchurch
Immediate Past Chairman	Bart Yetsenga of Rotorua

Membership as at 30 June 2014 stands at 263 full members and 23 retired members. Nine new members joined the Division during the year from Nelson, Christchurch, Whanganui, Hamilton, Queenstown, Kerikeri, and as far away as Queensland, Australia.

The highlight of the year was the Annual Workshop which was held in Taupo in March 2014. Workshop provides an opportunity for members to attend forums specifically focused on practice needs as opposed to professional development seminars addressing surveying and technical matters, and to make new friendships whilst renewing old ones. This year the Management Committee introduced the initiative of allowing attendees to bring with them an invited guest. This proved to be very well received by both members and their invitees. Workshop for 2015 will be held in Hamilton at the Novotel from March 20-22nd and planning is well underway. The Convenor is Grant Ruffell and we are once again lucky to have the unflappable and capable Fiona Lysaght acting as Event Manager.

The Management Committee met on four occasions during the year to address matters brought to its attention by members and Area Representatives, and to attend to the management of the Division. A new contract for the engagement of Sub-contractors has been produced and is available in the CSNZ chapter area of the new NZIS website. The Management Committee met with Kevin McAffrey of Effective Governance and as a result is

currently working on a proposal to change the structure of the CSNZ membership model.

CSNZ, along with other key stakeholders, met with the Surveyor-General to discuss how the group might collaboratively work together to improve the efficiency and effectiveness of the wider cadastral system.

As at 30 June 2014, the Division still retains a 22% shareholding in CSQC. The company has reported a modest profit and expects to pay out 50% in dividends.

The Management Committee maintains close links with Otago University and I am fortunate to have continued a strong positive relationship with the new Dean of School, Christina Hulbe. The 2013 CSNZ Scholarship for the National Diploma in Surveying was awarded to Joshua Notman of Spencer Holmes, Wellington. Application forms for the 2014 scholarship are available on the website or from the Secretary and close on 1 December 2014.

The Management Committee is supported by 15 Area Representatives across the country. The Area Reps provide quarterly reports on the current work load situation and other matters of concern, as well as acting in a liaison role and organising local meetings. The Committee is appreciative of the work carried out by the Area Representatives. Anecdotally, area reports suggest that workloads are increasing in most regions and across most work streams which is certainly encouraging.

Geoff Bates – Chair

University of Otago

Students

A total of 67 students graduated in the Aug 13/Dec 13/May 14 ceremonies, including one First Class Honours and four Distinctions.

The number of students eligible and the number of students accepted into the 1st Professional year of the BSurv were both back to recent levels for the 2014 entry. The 39th Intake included a total of 62 students, 58 of whom were normal admissions and four of whom applied with external entry qualifications. 14 applications were declined. The average grade for students accepted into the BSurv was about 77% (B+).

About 120 students are in the SURV101/SURV102 first year sequence this year.

The number of students taking up an Honours Thesis is again very low this year. Overall, this is the case because students do not see the value in the additional thesis work relative to future employment.

Staff

Dr. Pascal Sirguy and Dr. Greg Leonard have been confirmed and promoted from Lecturer to Senior Lecturer. Colin O'Byrne submitted his PhD thesis in Urban Design to the Faculty of Architecture and Design, Victoria University.

We advertised for a Lecturer in geodesy and geospatial science from late April through May 2014. This somewhat unusual combination of expertise reflects our interest in exploring disciplinary frontiers. The result was a set of interesting and diverse applications, from which we have selected five individuals for interviews.

Student Recruiting

We continue to promote our programmes via mailings to high school career advisers (maths and geography) and school visits. University Liaison Officers also present information about Surveying to prospective students and their parents. The School participated in Tertiary Open Day, Hands on Science, and a Day in the Life of a Surveyor activities on campus.

Curriculum

Remote sensing and GIS have been added to the first year surveying syllabus in the second semester "Computational Methods for Surveyors". Next year this paper will become "Introduction to Geospatial Science" actively elevating the geospatial analysis component of our curriculum through earlier introduction and a new postgraduate degree option.

A coursework Masters in Applied Science-GIS (MAppSc-GIS) is now offered as part of a larger initiative within the Division of Sciences. The 12 to 18-month degree is intended to help meet the professional development goals of a wide range of students, including working professionals, and is thus interdisciplinary and flexible in design. The MAppSc builds from a Certificate (60 points) to a Diploma (120 points) to the MAppSc degree (180 points), allowing students to step through the qualification while working. Each step should typically require a semester to complete.

Christina Hulbe – Dean of School

Ethics Committee Report

NZIS Governance Policy 21.3.1* does not require work contracts to be in writing. However, it is heartening that most practitioners are now preparing written contracts for new work, including good conditions of engagement. Please remember that sending a written contract does not protect you, or your client, unless it is acknowledged by both parties before any work is undertaken.

There is no doubt that a well written contract significantly minimises the possibility of future difficulties and certainly, it minimises the possibility of a complaint being made.

On-going communication with your client is required by Governance Policy 21.3.2.

Good communication with your client keeps everyone happy and minimises misunderstandings.

Good communication involves:

- Regular project meetings
- Regular telephone conversations
- Sending letters or email

It means keeping all parties involved in the loop.

It means advising when something changes

It means advising when milestones are reached such as approvals or consents being issued, or refused

It means being a true professional.

If something does go wrong, and you are not sure how best to resolve the matter, the Ethics Committee is very happy to help and advise you.

I must say that I am very proud to be a land surveyor; I am proud of our good public reputation and I remain confident that our good public standing will remain. Thanks to all of you for keeping it that way.

I wish you a vibrant future.

Ralph Jorgensen – Chair

*Formerly NZIS Rule 21.3.1. The Rules of NZIS (October 2003) were adopted as Governance Policies by the NZIS Council in August 2013.

The Royal Society

The Royal Society of New Zealand's Constituent Members met in October 2013. Since the previous meeting, there had been withdrawals of some Constituent Organisations who felt that there was no benefit in their belonging to the RSNZ and they were not getting value for money. At the October 2013 meeting, members were overall, far more supportive of the RSNZ, and there have been four new organisations join. Communications between the RSNZ and COs is still an issue, but it does seem to be improving. Personally, after the October meeting, I felt much better about NZIS having CO membership of the RSNZ.

On the question of annual fees, the RSNZ indicated that all COs pay a fee based on their membership numbers, with a maximum and a minimum fee set that any CO needs to pay. In other words, for an organisation with a lot of members that would pay a large fee, if this fee exceeds the maximum figure, the organisation is charged the maximum only. One CO at the meeting disagreed with this approach, and proposed a motion that in effect there should be no maximum and minimum fee, and that all organisations should pay a fee based solely on their membership. I voted for the *status quo*, as this seemed to me to be perfectly fair, but the motion was passed. I understand from talking to the RSNZ secretary later, that the motion is not necessarily binding on the RSNZ. There will be no increase in annual fees this year.

Regarding communication between COs and RSNZ, it was asked what sort of information do COs want; e.g. participation in forums, representation on advisory panels. The RSNZ will put out an information pack with relevant details. COs indicated that they would also like summaries of RSNZ Council Meetings.

There are things that the RSNZ can do to support COs that have issues to be dealt with. This could possibly be of help to NZIS for certain matters. On the question of communication and support, the CEO of the RSNZ is willing to talk directly to COs, and it could be useful to NZIS to invite the CEO to an NZIS Council meeting to explain the relationship with the RSNZ, and what mutual benefits there could be from the relationship.

Stop Press: Former IPENZ CEO, Andrew Cleland has been appointed as the new CE of the Royal Society, and takes up the role in September 2014.

Dr Bruce McFadgen – NZIS Royal Society Representative

Local Authority Surveyors Group

The Local Authority Surveyors Group (LASG) is made up of a small membership of some NZIS members who work in Local Government. We would like to acknowledge the encouragement and support that we have received from other members, the Council, President, and Staff of NZIS.

LASG continues to focus its energies on the organisation of an annual seminar that targets Local Authority staff, surveyors, and planners, involved in land development and consent processes. Recent feedback from Local Authorities indicates the need for these seminars continues to exist. The seminars provide a forum for consideration of the practical aspects of subdivision development and interaction with Territorial Authorities, especially in relation to subdivision consent processing.

Murray Arnold – Chair

NZIS 125th Anniversary Conference – Dunedin



Attendees enjoy a humorous moment

Otago University, the Forsyth Barr Stadium, Toitu Museum and the City of Dunedin did the surveying profession proud when they hosted the NZIS 125th Anniversary Conference in August 2013. The organising committee of Chris Hoogsteden (Chair), Kurt Bowen (Acting Chair), Chris Milburn, Paul Denys, Richard Hemi, Mark Geddes, Fraser Jopson, Mick Strack, Steve Copson, Tony Moore and PCO Pat Johnston did a great job in lining up an event worthy of our 125 year history.

Rarely has a conference doubled alongside a reunion (the 50th Anniversary of the Otago School of Surveying) but the formula worked and those attending spoke glowingly with the following returns recorded from attendees' questionnaires:

- Q: Did the Conference meet my expectations
– 97% agreed or strongly agreed.
- Q: Was your understanding the topics
enhanced by the presentations
– 87% agreed or strongly agreed.

The papers presented contained a reasonable variety of content that was of interest to most delegates with all the workshops well attended and good debates and discussion held on everything from Urban Design to our spatial evolution.

The support from our commercial partners is becoming more of a feature each year and it was good to see many long term partners entering into the celebrations.

A big plus was the Otago University facilities with the variety of theatre and room sizing helping to keep sessions reasonably intimate where required and unconstrained by numbers where appropriate.



FIG President CheeHai Teo addresses the conference



Noel Armstrong and Bruce McFadgen show off their Scottish heritage



2013 Conference: Women's Breakfast Attendees

To add to the many positives the event attracted over three hundred attendees to various functions and made all financial targets. A position that reflects the professionalism of the organisers and the support for what was a significant event for our people.

Our celebrations were marred to a degree by the illness of Chris Hoogsteden who had worked tirelessly as Chair of the LOC in the build up to this event. It was sad indeed to record his death in 2014 but the success of this conference reflects the foundations that Chris had put into great effect in the months leading into its delivery. Chris will be missed.

NZIS Fellows Nominations

Ralph Jorgensen of Wellington

Nominated by:

Bruce Purdie	Fellow NZIS
Barrie Shute	Fellow NZIS
Stuart Kinnear	Fellow NZIS
Bruce Manners	Fellow NZIS

Nomination is approved and supported by the NZIS Council.

Background

Ralph Jorgensen has given long and distinguished service to the New Zealand Institute of Surveyors and the wider surveying profession.

Ralph's career as a land surveyor started all those years ago working with Climie, Spencer & Holmes Miller as a student setting out earthworks and roading on the Maupuia subdivision in Miramar. He has worked with the same company (now known as Spencer Holmes Ltd) for his entire career and although now retired as a director, continues to work on a part time basis.

He studied at Otago University where he graduated with a Diploma in Land Surveying in 1970. Ralph quickly completed the Board's examination requirements and became a Registered Surveyor in 1973. He has then gone on to develop his career with a focus on cadastral surveying, land development and resource management. Plan drafting has always been an integral part of surveying and Ralph is still able to produce quality hand drawn plans when others must rely on the computer generated versions that have taken over the industry. Ralph survived the transition to become a Licensed Cadastral Surveyor complete with an RPSurv endorsement.

His early involvement with the Institute was related to service on the committee for the Wellington Branch of NZIS. His role as education officer saw him responsible for organising a number of successful and much valued continuing education seminars on the likes of natural boundaries, limited titles and easements.

Not being one to sit quietly in the background, Ralph is well known for participating in debate and voicing his opinions at the likes of branch meetings and CSNZ workshops. This willingness to participate put him in good stead for assisting further with NZIS affairs.

As a member of the Complaints Committee of Council and its successor, the Ethics Committee, for almost 25 years, he has made a major contribution in overseeing the ethical and professional conduct standards of members.

This highly important function of the Institute requires a high degree of judgement, technical expertise and wisdom and at all times Ralph has exhibited these attributes as a member of the committees and more recently as Chairman of the Ethics Committee.

In addition to conscientiously and diligently carrying out the core responsibilities of the committees, Ralph has provided valuable and sage advice to members on their ethical responsibilities at numerous conferences and workshops and by way of written articles in Institute publications.

Ralph has unselfishly given his time over a long period in promoting the interests of NZIS and the profession and his contribution is highly deserving of recognition.

Tony Nikkel of Motueka

Nominated by:

Andrew Stirling	Member NZIS
Jeff Needham	Member NZIS
Mark Dyer	Fellow NZIS
Brett Gawn	Fellow NZIS
Graeme Haymes	Member NZIS
John Hannah	Fellow NZIS

Nomination is approved and supported by the NZIS Council.

Tony Nikkel has earned the respect of fellow professionals during his 30+ years in the surveying profession for his contributions which span a wide range of professional activities.

As a practical surveyor Tony's skills are in demand and he brings a wealth of consulting experience and professionalism to his Motueka business and all that he does.

He has made important contributions to the development of the surveying profession.

Tony expertly represented NZIS during the challenging days of the development of Landonline Esurvey.

He also served as an NZIS Council member during several terms of office, including two years as Vice-President and made important contributions to policy during that time.

His expertise in cadastral surveying was recognised when the Minister of Lands appointed him to the Cadastral Surveyors Licensing Board in 2010, on which he continues to serve.

Tony has a proven record in research and development. He has shown a real passion and ability in this area and innovation from his small business base. Recently his long contribution in this area was acknowledged as the recipient of the 2013 NZIS Merit Award of Excellence for the Cadastral Surveying HP35s Calculator Programme that he developed. Twenty years earlier, Tony was awarded the NZIS Fulton Bequest Class B.1.

Tony is also passionate about sharing his surveying knowledge and has presented at several conferences and national seminars on the practical use of GPS for cadastral surveying and innovative cadastral surveying techniques. He continues to offer advice and guidance for those interested in this field.

Outside work, Tony is an active member of Motueka Land Search and Rescue (LandSAR), serving the organisation since 1994 and on the management committee since 1996. He is a qualified LandSAR NZ team leader, a local instructor and participates in the management of land search operations. Tony has researched the fusion of modern search and rescue techniques and surveying methods to create innovative benefits in each discipline. This has resulted in the implementation of new SAR applications and training within the Tasman district and in the mapping techniques and 3D visual concepts that he provides to clients.

Tony Nikkel is widely respected for his contribution to the profession through his leadership and professionalism, his research and innovation and through his contribution to surveyor education and training.

He is undoubtedly a fitting nominee for the award of Fellowship of NZIS.

Audit and Risk Report

The Audit and Risk Committee met in advance of each of the NZIS Board meetings in the 2013/14 Financial Year.

The committee from last year, comprising Jeff Needham (Chair), Andrew Stirling and Graham Wigley, continues to serve with the addition of Lynda James (Independent NZIS Board Member) and continues to be supported by Hadyn Smith NZIS (Secretary).

The committee meets to independently review the financial controls and processes in place and to provide overview for the Council and Board on the reporting of financial position of the Institute.

The committee supports the financial results reported in this Annual Report and notes that an improved overall position has been achieved with an end of year loss of \$69,000 being realised which is \$31,000 better than budgeted for.

Major contributing factors provided for in the loss were lower than budgeted CPD income, commercial income and lower than expected “real” membership numbers.

In explanation the following comments are provided:

- CPD income is lower than expected, base issues have been timing in getting the right person employed into the Knowledge Manager role, evidence subsequent to the appointment points to a quickly improving situation and delay in getting substantive information from the Professional Streams on topics and speakers mainly due to the slow development of these groups, again that is improving and alternative methods are being employed to establish requirements and content.
- Commercial income is lower than budget, stretch targets were provided in this area and due to limited knowledge of the potential opportunity these have proven to be optimistic for this past year. There is evidence that ground work undertaken in the past year will eventuate in relationships being established in the future and with experience the committee supports the projections for the 2015 Financial Year.
- Over the past 12 months complexities in the membership information repositories have been resolved with the implementation of the new MemberConnex system. The result of these substantive efforts has been the realised situation that member numbers we incorrectly represented previously, subsequently the fee models recently used have been over budgeting expected income. Future budgets are now tightly aligned with membership data.

The Committee noted to the Board that due to the greater programme of expenditure planned to service members there is less latitude in the budget to absorb substantial unaccountable variances and as a consequence tighter financial controls are now required.

Key financial improvement aspects seen in the financial performance over the past 12 months include:

- Review of the publication processes for *Survey Quarterly* (Now *Surveying + Spatial*) including seeking new vendor options, the resulting outcome has included switching publisher and bringing control of advertising in house which is expected to have positive revenue implication
- Establishment of a sub-committee of the Board to support the Knowledge Manager with CPD Programme with emphasis on securing revenue

The Committee commends the CEO with respect to prudent emphasis on controlling expenditure in all instances where possible in line with the pressures due to revenue shortfall.

The shortfall has been covered through expenditure of reserves in line with the Reserve Policy and whilst this has resulted in a reduction of reserves for the 2013/14 Financial Year overall reserves remain above the Reserve Policy threshold and based upon improved financial forecast expectations for the 2015 Financial Year we do not currently anticipate any risk to this policy limit.

The Committee in conduct of its role has requested the Board plan for a refresh of the current Risk Register. The Committee now believes that some of the risks identified with the governance changes appear to have been moderated and it would be prudent to undertake a fresh review of potential risks based on our improved understanding of the progress of the NZIS following a full financial year under the new structure with a fully resourced National Office.

Jeff Needham – Chair

Independent Auditor's Report



Audit

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To the Members of the New Zealand Institute of Surveyors

Report on the financial statements

We have audited the financial statements of the New Zealand Institute of Surveyors on pages 5 to 12, which comprise the statement of financial position as at 30 June 2014, and the statement of financial performance, statement of movements in equity for the year then ended, and a summary of significant accounting policies and other explanatory information.

Council Members' responsibilities

The council members are responsible for the preparation of financial statements in accordance with generally accepted accounting practice in New Zealand and for such internal control as the committee members determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's responsibilities

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with International Standards on Auditing (New Zealand). Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation of financial statements that present fairly the matters to which they relate in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control.

An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates, as well as evaluating the presentation of the financial statements.

Chartered Accountants
Member of Grant Thornton International Ltd



We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Other than in our capacity as auditor we have no relationship with, or interests in the New Zealand Institute of Surveyors.

Opinion

In our opinion, the financial statements on pages 5 to 12 present fairly, in all material respects, the financial position of the New Zealand Institute of Surveyors as at 30 June 2014, and its financial performance, for the year then ended in accordance with generally accepted accounting practice in New Zealand.

A handwritten signature in purple ink that reads "Grant Thornton".

Grant Thornton New Zealand Audit Partnership
Wellington, New Zealand
7th August 2014

Financial Statements

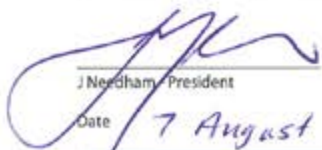
New Zealand Institute of Surveyors
30 June 2014

Statement of Financial Position



New Zealand Institute of Surveyors As at 30 June 2014

	Note	30 Jun 2014	30 Jun 2013
Assets			
Current Assets			
Accounts Receivable		9,672	6,563
ANZ Bank Accounts		23,875	23,553
Forsyth Barr Cash Management Accounts	2	11,926	8,326
GST		15,046	29,577
Petty Cash		100	100
Prepayments		15,161	-
Total Current Assets		75,780	68,119
Non Current Assets			
Fixed Assets as per Schedule	7	10,842	16,072
Total Non Current Assets		10,842	16,072
Investments			
Forsyth Barr Portfolio	3	382,859	403,230
Total Investments		382,859	403,230
Total Assets		469,481	487,421
Liabilities			
Current Liabilities			
Accounts Payable		94,529	78,476
Income Received in Advance	4	35,000	5,000
Taxation	5	4,951	(99)
Total Current Liabilities		134,480	83,378
Total Liabilities		134,480	83,378
Net Assets		335,001	404,044
Accumulated and Special Funds			
Accumulated Funds at Year End		329,701	398,744
Special Funds			
Bogle Award		500	500
Fulton Bequest		500	500
Percy Dyett Award		900	900
Research Scholarship		1,200	1,200
State Sector Award		2,200	2,200
Total Special Funds		5,300	5,300
Total Accumulated and Special Funds		335,001	404,044


J. Neesham, President
Date 7 August 2014

The accompanying notes form part of this financial statement.



Statement of Financial Performance



New Zealand Institute of Surveyors For the 12 months ended 30 June 2014

	Note	Jun-14	Jun-13
Income			
Cadastral Law Exams		5,250	3,750
Commercial Income		37,069	-
Conference Income		41,563	4,564
CPD Income		63,154	101,164
Dividends Received		10,448	15,195
FDR Dividends		1,186	659
Interest Income		10,860	13,070
Members Fees NZ		379,893	374,089
Members Fees Overseas		11,988	5,926
PIE Income		1,103	1,060
Professional Entrance Exams		12,211	11,935
Publication Advertising & Subs		24,199	17,972
Realised Gains/Loss on Investments		378	6,435
Rent Received		14,502	12,085
RP Surv Fees		103,450	36,185
Sundry Revenue		21,118	378
Unrealised Gains/Losses on Investments		19,000	35,020
Total Income		757,372	639,488
less Expenses			
ACC Levies		1,048	757
Accounting Fees		9,732	12,728
Advertising		-	-
Annual Conference & AGM		6,630	8,097
Annual Conference Branch Delegate AGM exp		4,980	10,499
Audit Fee		6,500	5,500
Awards		2,004	1,959
Bad Debts		-	2,669
Bank Fees		2,767	1,704
Board Accommodation and Travel		6,523	-
Board Expenses		2,532	-
Branch Expenses		15,040	4,886
Cadastral Law Exams Expenses		-	347
Cleaning		547	1,085
Commercial Expenses		1,977	-
Communications		4,043	-
Consultants		12,251	122,624
Council expenses		18,067	21,446
Council Travel & Accommodation		17,133	46,642
CPD Seminars & Events		44,070	33,245
Depreciation	7	6,768	5,332
Donations		2,000	-
Education Committee		421	-

The accompanying notes form part of this financial statement



Statement of Financial Performance



	Note	Jun-14	Jun-13
Ethics Committee		298	9,257
Extraordinary Items		13,000	-
FIG 2016 pre event costs		1,547	-
FIG International Travel		7,152	-
Insurance		3,838	3,106
Interest		26	-
International Travel Support		12,727	-
Legal expenses		9,442	11,062
Legislation Committee		373	35
Membership Services Committee		72	975
Miscellaneous Costs		5,663	-
Office Expenses		6,967	5,692
Portfolio Management Fees		4,343	5,516
Postage & Courier		5,051	8,283
Power		1,685	1,959
Printing & Stationery		10,412	4,802
Professional Interviews Expenses		15,582	9,947
Professional Stream - Hydrography		400	-
Public Relations Committee		115	478
Publications		58,740	50,385
Rent		47,000	47,000
Research & Development Committee		48	4,974
RP Surv Expenses		5	4,253
Sponsorship		-	1,000
Staff Support, Travel and Training		8,716	-
Subscriptions NZ		530	1,790
Subscriptions Overseas		8,917	7,779
Telephone & Internet		7,479	8,412
Travel and accommodation		-	673
Urban Design & Sustainability		-	4,091
Wages - Casual Staff		2,163	560
Wages - Editors Honoraria		6,363	5,751
Wages and Salaries		389,781	329,478
Website Expenses		28,474	11,211
Young Surveyors Group		164	1,202
Total Expenses		822,106	819,189
Profit (Loss) before Taxation		(64,734)	(179,701)
Income tax expense	5	4,310	4,880
Total Adjustments and Taxation for the Year		4,310	4,880
Net Profit (Loss) for the Year		(69,043)	(184,581)



The accompanying notes form part of this financial statement

Statement of Movements in Equity



New Zealand Institute of Surveyors
As at 30 June 2014

	30 Jun 2014	30 Jun 2013
Equity		
Opening Balance	404,044	588,625
Net loss for the year	(69,043)	(184,581)
Total recognised revenue & expenses	(69,043)	(184,581)
Total Equity	335,001	404,044



The accompanying notes form part of this financial statement.

Notes to the Financial Statements



New Zealand Institute of Surveyors For the year ended 30 June 2014

1. Statement of Accounting Policies

The Financial Statements have been prepared in accordance with the requirements of the rules of the Institute and generally accepted accounting practice.

New Zealand Institute of Surveyors has been incorporated pursuant to the Incorporated Societies Act 1098.

The accounting principles recognised as appropriate for the measurement and reporting of earnings and financial position on an historical cost basis have been used, with the exception of certain items for which specific accounting policies have been identified.

(a) Changes in Accounting Policies

There have been no changes in Accounting Policies. All policies have been applied on bases consistent with those used in previous years.

(b) Fixed Assets and Depreciation

The entity has the following classes of fixed assets. They have been depreciated at the rates indicated.

Office Equipment	30-50%
Furniture & Fittings	13-16%
Paintings	0%

All fixed assets are recorded at cost less accumulated depreciation.

(c) Foreign Currency

Transactions denominated in foreign currencies are converted at the exchange rate current at the transaction date. Foreign currency receivables and payables are converted at exchange rates current at balance date. Foreign exchange gains or losses are included as income or expenses respectively in the Profit and Loss Statement.

(d) Differential Reporting

New Zealand Institute of Surveyors qualifies for Differential Reporting as it is not publicly accountable and it is not large as defined under the framework for differential reporting.

All differential reporting exemptions have been applied with the exemption of FRS 19 - Accounting for Goods and Services Tax.

(e) Goods and Services Tax

These financial statements have been prepared on a GST exclusive basis with the exception of Accounts Receivable and Accounts Payable which are shown inclusive of GST.

(f) Income Tax

Taxation on investment income has been charged at the applicable tax rate after claiming all due allowances and recognises the current obligations payable to the Inland Revenue Department.

Taxation is not payable on subscription and other income from members.

(g) Revenue Recognition

Revenue is recognised in the Statement of Financial Performance in the period in which it is earned. Membership revenue is recognised on a receipts basis. There is no accrual for membership fees receivable at the reporting date as payment is voluntary.



Notes to the Financial Statements



(h) Investments

Investments are carried at market value.

(i) Leases Assets

Operating Leases:

The Institute leases office premises and equipment which are classified as operating leases. Operating lease payments are charged to expense over the periods of expected benefits.

(j) Accounts Receivable

Receivables are stated at their estimated realisable value. Bad debts are written off in the year in which they are identified.

2. Short Term Deposits

	2014	2013
Forsyth Barr - NZD Account	8,739	2,897
Forsyth Barr - AUD Account	1,431	4,224
Forsyth Barr - GBP Account	1,756	1,205
	11,926	8,326

3. Investments

	2014	2013
Auckland International Airport - 7,820 Ordinary Shares	22,148	23,225
AGL Group - 1,614 Ordinary Shares	26,935	27,586
ASB Capital Limited - 38,000 Preference Shares	33,782	30,780
British Empire Securities - 2,600 Ordinary Shares	25,233	24,314
BHP Billiton - 714 Ordinary Shares	27,633	26,438
CBA Capital - 25,000 Preference Shares	24,750	24,350
Fletcher Building Limited - 3,424 Ordinary Shares	20,968	28,864
Suncorp Group Limited - 1,081 Ordinary Shares	15,779	15,210
Freightways Limited - 5,060 Ordinary Shares	25,806	22,568
Chorus Limited - 5,073 Ordinary Shares	8,802	12,124
Ryman Healthcare Limited - 4,867 Ordinary Shares	28,788	31,003
Trade Me Group Limited - 2,650 Ordinary Shares	9,222	12,906
Skellerup Holdings Limited - 12,400 Ordinary Shares	21,700	16,368
ANZ National Bonds	24,700	25,025
AMP Notes	-	31,146
NZ Post Group Finance	30,227	31,083
Contact Energy Bonds	-	20,240
Contact Energy Limited - 2,770 Ordinary Shares	14,709	-
Z Energy Limited - 2,857 Ordinary Shares	11,199	-
PM Capital Global Opportunities Fund - 10,000 Ordinary Shares	10,188	-
PM Capital Global Opportunities Fund - Option	290	-
	382,859	403,230

Investments are carried at market value at 30 June 2013.



Notes to the Financial Statements



4. Income Received in Advance

	2014	2013
Local Authority Surveyors Group	5,000	5,000
NZSEA Funds Held	30,000	-
	35,000	5,000

5. Tax Note

	2014	2013
Net Profit on Investment Income	24,324	30,245
Taxable Income	24,324	30,245
Tax @ 28%	6,811	8,469
Plus: Tax Penalties	375	-
Less: Imputation Credits	(2,876)	(3,589)
Tax Expense	4,310	4,880

6. Transactions with Related Parties

Amounts owing to related parties are disclosed in the Statement of Financial Position.

No related party debts have been written off or forgiven during the year.

7. Fixed Assets

	2014	2013
Furniture & Fittings		
At cost	10,702	32,801
Less: Accumulated Depreciation	8,250	30,196
	2,452	2,605
Office Equipment		
At cost	30,345	33,107
Less: Accumulated Depreciation	22,385	20,070
	7,960	13,037
Paintings		
At cost	430	430
	430	430
	10,842	16,072
Depreciation		
	2014	2013
Furniture & Fittings	364	345
Office Equipment	6,404	4,987
	6,768	5,332



Notes to the Financial Statements



8. Operating Lease Commitments

Rent of Property

The Institute has entered into leases for premises which expire June 2016 at current annual rentals of \$26,184 plus GST. In addition, there is an equipment lease which ceased in June 2014.

The Institute has the following lease commitments:

	2014	2013
Current	24,002	43,893
Non-Current	130,922	24,948
	154,924	68,841

9. Commitments

Capital commitments at reporting date for the NZSEA ceremony are \$40,000 (2013: Nil). Represented by \$30,000 held in income received in advance (note 4) under the NZSEA agreement (contributed by; SIBA NZ, LINZ, and SSSI NZ) and a \$10,000 contribution from the Institute under that agreement.



2014–2015 Key Objectives

The following key objectives will be reported on next year in percentage terms so that success can be gauged by the return reported.

1. Support the sector		Total weighting: 20%	
Key Objectives	Objective weighting	Responsibility	Target outcome
Support the NZIS structure (Professional Streams, Branches Divisions, Advisory Groups and SIGS).	10%	CEO	Have all professional streams operational with a leadership team. Ensure all other focus areas are supported.
Enhance and reinforce the value of membership integrity and professional recognition.	4%	CEO	Must add value to membership and succession support as required. Focus on the creation of new member pack.
Review and update our “self-maintained” membership database ICT platform to reflect good practice and improved usage.	2%	Office Admin	This is part of the ICT Platform that has been rolled out and is now being maintained and improved. Focus on supporting “individuals” inputting their own data.
Review and implement “business as usual” outcomes such as the activities outlined in the: Communication Plan; Commercial Plan and other support plans.	4%	CEO	Ensure key NZIS plans are implemented and outcomes measured throughout the year.
	20% Total		
2. Professional standards		Total weighting: 15%	
Key Objectives	Objective weighting	Responsibility	Target outcome
CPD and training – ensure seminars, webinars or similar are delivered that improve and enhance membership capability and competency.	6%	Knowledge Manager	Based on calendar of events formulated by each stream, key partners and interested members to date. New items can be added continuously as can be resourced. Significant growth area.
Oversee a NZIS conference that supports the sector and the vision of NZIS.	4%	CEO	Ensure the event is well supported and evolves into the key training focus for NZIS.
Ensure professional capacity in NZ is understood and monitored.	2%	Membership Coordinator	Look into trends and patterns and report information gathered.
Review new technologies and rate future impact of evolving products on our sector. Update and support streams.	3%	CEO	Look at Stream requirements in order to support improved competencies. The development of Building Information Modelling (BIM) to be a focus this year.
	15% Total		
3. Leadership		Total weighting: 10%	
Key Objectives	Objective weighting	Responsibility	Target outcome
Grow the relevance of the NZIS Membership Satisfaction Survey (MSS) and make analysed data available to participants.	7%	C&MM	It is important grow participants to benchmark organisational performance annually.
Professional Streams to determine individual Business Plan and submit proposals annually.	3%	CEO	Needs and wants of each stream must be supported annually.
	10% Total		

4. Advocacy	Total weighting: 10%		
Key Objectives	Objective weighting	Responsibility	Target outcome
Monitor key LINZ issues that require our input or support.	5%	Board/CEO	We must lead and partner LINZ to ensure direction and thinking reflects sector needs.
Build relationships key with key organisations within our sector.	5%	Board/CEO	Must build and grow our connections in key areas of influence.
	10% Total		
5. Enhanced Recognition & understanding	Total weighting:15%		
Key Objectives	Objective weighting	Responsibility	Target outcome
Ensure regular updates to the NZIS membership and key partners in a timely and appropriate fashion.	9%	C&MM	Look at and apply how we could better communicate.
Maintain a web-based knowledge page that explains the total NZIS profession and introduces / highlights our story and vision.	6%	C&MM	Focus on members of the public being informed about our professional roles.
	15% Total		
6. Grow the sector	Total weighting:15%		
Key Objectives	Objective weighting	Responsibility	Target outcome
Identify key and relevant international organisations & events and ensure we develop and maintain a strong involvement and relationship.	15%	Board/CEO	Progressing towards FIG WW 2016 in Christchurch. Building relationships as targeted.
	15% Total		
7. Sustainable organisation	Total weighting:15%		
Key Objectives	Objective weighting	Responsibility	Target outcome
Grow revenue so we can deliver more to members and maintain appropriate reserves.	6%	CEO	Grow our commercial base, the use of CPD/training opportunities and returns on investment.
Review the long term NZIS Strategic Plan and apply outcomes to the medium term plan.	4%	Board	Board to set the scene for Council so that final plan base is in place for 2015 AGM.
Evolve a NZIS structure that is well resourced and appropriate to membership expectations.	5%	Board/CEO	Current focus on professional streams and staff support within revenue base.
Enhance membership by ensuring one body represents all their needs so they value membership and NZIS understands the changing demographics.	5%	Membership Coordinator	Implement Membership Recruitment Plan with a focus on value to existing members and the spatial component.
	20% Total		

This list of NZIS activities gives some indication of the key tasks that we need to undertake if we are to reach our goals by the end of June 2015. We believe NZIS has the plans, the support staff, the volunteer expertise in key positions along with the passion and commitment that will ultimately allow us to achieve our long term vision.



NZIS would like to thank our Commercial Partners:

DIAMOND



GOLD



12d® Model



OTHERS

Hexagon (Global Survey/Intergraph); CoreLogic; Aerial Surveys; LINZ; Eagle; Survey Solutions; Sokkia; Position Partners; Quickmap and Altus Solutions.

Notes



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