



NZIS

New Zealand
Institute of Surveyors
Te Rōpū Kairūri o Aotearoa

2015 YEAR BOOK

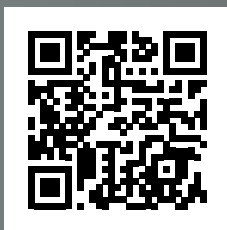
*Incorporating the
127th Annual Report
and Audited Accounts
of the New Zealand
Institute of Surveyors*



SECRETARIAT

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President's Report



Kia ora everyone, I'm pleased to introduce this 127th Annual Report of the NZIS.

The contents of this report outline another significant year of progress and challenge for the profession and I highly recommend that you take a little time and read this report through.

Over the past several years there have been many conversations about change, new directions and the need to develop a sustainable future for the NZIS. I believe that the efforts of the volunteer members who are involved throughout the organisation alongside our team at National Office, your Council and Board are really making this difference.

One of the fundamental stepping stones that our success is being built on is the NZIS Strategic Plan 2015–2020 published earlier this year. An excellent piece of work that has crystallised the objectives of the membership and resolved measurable actions from the core aims and objectives of the plan. It will be the ongoing development of this document that will focus the efforts of the NZIS and if you have input that will help refine and focus this plan please make sure you feed this to anyone on Council, the Board or through National Office.

In the 'Foundation' year of the plan the objectives identify steps needed to cement the changes made and to accelerate activity to create sustainability for the NZIS. These objectives are being delivered on and clear evidence can be found in the growth in membership both in areas of traditional member profile and in the number of members who bring a wider set of skills and work in a range of positions not traditionally known in the past. We have seen the strengthening of CPD delivery and active measures to improve the tools needed to reach all of our members in efficient and effective ways.

As I've discussed before the future direction of the NZIS sits with active communities of interest defining their own needs. The National Office team are the supporting system ready and able to support these Professional Streams with whatever is needed to grow our collective capability and competencies. If you want the NZIS to deliver for you then you must get involved with the Professional Streams that represent the areas of practice that have meaning for you. Get involved with the leadership teams, establish the training, communications and opportunities needed and the NZIS will support activities to grow these sectors.

One of the key areas recognised across all of the Professional Streams as critical to the profession is certification. As the concepts supporting the Professional Streams have developed it has been a consistent message from members that advanced professional recognition is important at all levels of membership.

The Engineering Surveying Professional Stream is a strong advocate for NZIS certifications along the lines of Registered Professional with pathways to achieve this and the NZIS is actively working towards presenting a model that expands the current RPSurv concept to make it specific and relevant to each stream. I see this is a key opportunity for every member to use this sort of status and promote the value of being a professional member of the NZIS to employers, client and other professional colleagues.

In the near future the NZIS will be seeking feedback from members on a certification model that expands the concept of Registered Professional and will most likely include intermediate steps for members to attain leading to this esteemed level of recognition. I hope you all take the time to consider this and get involved in the development of this program as one of the cornerstone identity aspects the NZIS needs to advance the profile of our members and our profession.

There has been some significant areas where we have easily obtained recognition this year. Our relationship with LINZ over the past 12 months has been extremely intense due to a number of reasons. The primary interaction points have been in relation to the following:

- The impacts of the Canterbury Shallow Ground Movement situation;
- ASaTS (Advanced Survey and Titles Service);
- The Surveyor-Generals Rules and the legislation governing cadastral surveys; and
- LINZ processing performance

The NZIS has taken a strong stance with LINZ with respect to Christchurch surveys, the surveyors there have been working with significant uncertainty and heightened risk. As a result LINZ and the government sought out working solutions from a specially formed Canterbury Working Party with representation at Sector Leaders Group forum especially convened to advise Peter Mersy and Government on how to solve this problem. We have made strong inroads towards a set of solutions, none of these are simple as they have wide ranging impacts and they will take some time before they are fully implemented. We continue to champion this issue to ensure that LINZ and Government deliver on their commitments.

Another area of ongoing pressure is the progress for redevelopment of Landonline. This system is now running on legacy systems that are difficult to support and impossible to progress to meet the developing needs of surveyors. Soon the system will celebrate a dubious milestone, it will be 20 years since the original base design was signed off and we continue to rely on this to maintain the countries national cadastre.

Unfortunately the replacement business case for Landonline was deferred by Government this year. The NZIS is heavily advocating to LINZ and the Minister that this deferral creates a significant risk and ASaTS must be progressed. Getting approval is only a small milestone, there is a long way to go before the system will be ready for deployment for surveyors and the NZIS will continue to push LINZ with respect to progressing this work.

The long term objective of the NZIS to get LINZ and the Surveyor General to address the professions concerns over the Rules and legislation is gaining traction, we continue to pursue this topic and the Cadastral Professional Stream has now been asked to confirm a Terms of Reference for our involvement in this area.

One of the most frustrating areas of ongoing advocacy the NZIS is carrying out is the discussion with LINZ over processing timeframes. Through the many meetings on this topic it is clear that LINZ has real internal issues. They are working to correct the current situation and we can acknowledge that some improvement is starting to show, but it is very clear this situation will take some time to rectify. We continue to push LINZ on this and will continue to keep members informed of these discussions.

As we head towards the annual conference and the end of my presidency there are several aspects that are important for me to highlight.

Firstly I'd like to celebrate the work of Barry Davidson on behalf of the Institute. Barry served the NZIS for almost 20 years as National Manager. He provided the continuity through many presidents and councils and was a champion for members and the NZIS. I am extremely pleased to announce that the NZIS Council has granted Honorary Membership to Barry as a sign of the significant value he delivered for the NZIS and as a mark of the respect members hold for him. Barry has been invited to attend conference in Wellington this year where the formal presentation will be made.

In addition Joanna Leighton Smith has also retired this year and as a consequence the National Office has seen some significant change. For a while there Hadyn, Jan and Vanessa were burdened with a significant workload but it is now excellent to see two new appointments which I'm sure will create a great team looking to deliver all the services and benefits members are looking for.

We welcome Jenna Chapman and Lauren McGee who you can all meet at conference in October in Wellington.

This will be my last opportunity to promote the FIG Working Week in Christchurch next 2-6 May. This event is nothing like

you've seen before; it is a showcase of so much with a huge number of international speakers presenting on diverse topics. I strongly encourage you to look at getting your young surveyors to attend so they can see how advanced ideas can be applied to your everyday projects and to see international trends in a wide variety of surveying areas.

I'd like to record my thanks to the Board and Council for their support and substantial work effort over the past two years. The NZIS and its members are well served by some dedicated people who contribute their time voluntarily to promote the profession. This includes our two independent Board members Lynda James and Dr Bruce Anderson who bring fantastic independent advice and perspectives ensuring the NZIS is focused on its core objectives.

Many thanks Hadyn and Andrew for your support and all the work you do, best wishes for 2016 and beyond!

Phil Rhodes and Stefan Kiss step down from the Council after providing significant leadership and contribution. Many thanks guys for your efforts and best wishes for your next endeavours.

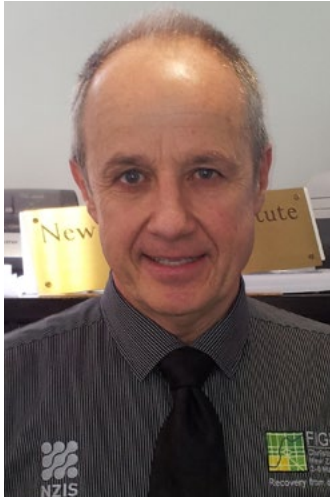
Finally I'd like to express my thanks to the membership for their support. I believe that the NZIS has made significant strides over the past 6 years and know that there are fantastic opportunities ahead. I call on all members to recognise the voluntary nature of the NZIS and to work out where you can contribute!

Yours faithfully



Jeff Needham

NZIS Board Chairman's Report 2014–2015



One of the particular areas of focus for the NZIS Board over the last year has been ensuring a sustainable organisation and this has required close attention to financial performance. I am pleased to report to members that after several years of losses, associated with a period of significant investment in the organisation, NZIS has returned a \$22k profit in 2014–2015.

The organisation is in a stable financial position with

net assets of \$357k. The improved IT and accounting systems that we have invested in are providing increasingly reliable financial and other information to the Board on which to make decisions.

The Board has focussed on controlling costs and on growing a diversified income. Membership fees continue to be the largest and most important source of income and it is critical that NZIS continues to grow this source through recruiting more members. The Board is conscious of keeping increases in membership fees to a minimum and we believe these are set at an appropriate level. Pleasingly, we have seen good growth in new members this year with approximately 150 new members, however, the retirement of 'baby boomers' over the next 15 years is a significant factor. NZIS will need to do even better at unifying the surveying and spatial sector and attracting new members to ensure NZIS sustainability.

Continuing professional development (CPD) is a major focus for NZIS in terms of providing better services to our members. The CPD programme quality, delivery systems and profitability are closely monitored by the Board and staff. Events are not always running the way we would like them to but improvements are being made all the time. Staff and the Board know how critical success in this area is and are committed to delivering a valued and reliable programme. The NZIS fee structure for CPD will always be competitive but it is also an important income stream that helps to reduce our reliance on membership fees to operate. Certification fees are another important part of the NZIS value offering and NZIS is actively working on developing a new model aimed at broadening and improving the value proposition for NZIS Certification.

Commercial partnerships are also an important source of funds to keep NZIS operating and evolving. The Board is encouraged by the progression of these new commercial relationships and the innovative ways in which our partners are adding to NZIS vibrancy.

NZIS Conference is our flagship event and one that we are constantly working on to position and grow. The conference relies on volunteer local organising committees doing an excellent job, just as the Taranaki Committee did this year. Conferences provide a valued contribution to NZIS funds. Advertising and investments are among other sources of income.

All our sources of income allow NZIS to employ 5.1 EFT staff with an overall skillset and capability to deliver an improving value proposition back to our members.

Endowments, bequests and donations are an area that historically played a significant role in NZIS. This is an area that the Board is interested in activating to support a number of areas including education, scholarship and leadership development. If you think you might be interested in one of these ways of supporting the development of people through NZIS, I'd like to talk to you about that.

Risk management is a function that the Board is constantly working on and the risks that NZIS face are constantly probed and tested by the Board and by the Audit and Risk Committee.

Health and safety has been elevated as a priority subject for the Board as we work with the CEO to understand and communicate the issues within NZIS and externally.

The NZIS Board 2014–2015 consisted of Simon Jellie (Stream Representative), Mark Allan and Daniel Williams (Council Representatives), Andrew Stirling (Division Representative) and Lynda James and Dr Bruce Anderson (Independents). The Board has conducted an internal review of its second year performance and there was positive progress recorded in almost all categories. All Board members were considered to be well in tune with the organisation and making strong contributions in their governance role. The Board is working cohesively and making good decisions in a timely manner. The balance of members to independents on the Board was considered to be hugely beneficial to NZIS through the mix of skills and experiences available and no skill gaps were identified. The Board has been closely involved in some operational matters again this year but this is expected to reduce while the strategy and policy focus of the Board is expanding. The Board contributed strongly to the development of the 2015–20 Strategic Plan and I recommend this document to members. After two years of operation the NZIS Board is evolving positively and playing its role in delivering effective governance of NZIS.

Advocacy and relationships have been a particular focus of the Board and of President Jeff Needham, who has put significant effort into this area. The NZIS aim is to grow the awareness of NZIS as the peak body representing surveyors and spatial professionals and to promote the value of spatial information amongst Government Ministers and right across NZ and our region. NZIS has begun a sustainable relationship with the Minister of Land Information, Hon Louise Upston and events this year have demonstrated the value of this advocacy focus. The partnership between LINZ and NZIS is collaborative and active with contact at many levels from the top down. Work has also commenced on building relationships with MBIE which is a large department of government with a large role to play in the NZ economy, including many areas that affect surveyors and spatial professionals. Relationships with Australian professional bodies and in the Pacific are also being developed.

Finally, I would like to express thanks to the Board members for their commitment to NZIS and congratulate Jeff Needham on his tireless work as President. I am also full of admiration for the work our CEO and his team and all our volunteers put into achieving the goals of NZIS.

Yours faithfully



Andrew Stirling
Board Chairman

A world surveying and spatial event not to be missed!



FIG Working
Week
Christchurch
New Zealand
2–6 May 2016



Recovery from disaster

Registrations open in October
www.fig.net/fig2016

Council Meetings

Council meetings were held: 10 October 2014, and 23 April 2015.

Council 2014–2015

PRESIDENT

Jeffrey Needham, Wellington

VICE –PRESIDENT

Phillip Rhodes, Porirua
(Land Development and Urban Design Stream)

Councillors

Michael Cutfield (Engineering Stream)
Stefan Kiss (Cadastral Stream)
Bruce Wallen (Hydrographic Stream)
Geoffrey Bates, Dunedin (Consulting Surveyors of New Zealand)
Matthew Ryder, Taupo (Young Professionals)
Rebecca Strang, Auckland (Women in Surveying/Spatial)
Rachelle Winefield, Wellington (Positioning & Measurement Stream)
Gregory Byrom, Wellington (Spatial Stream)
Prof. Christina Hulbe, Dunedin (Tertiary).

Board Meetings

Board meetings were held on the following dates:

2014: 8 August, 10 October, 28 November,
2015: 20 February, 22 April, 7 May, 12 June.

Board 2014–2015

CHAIR

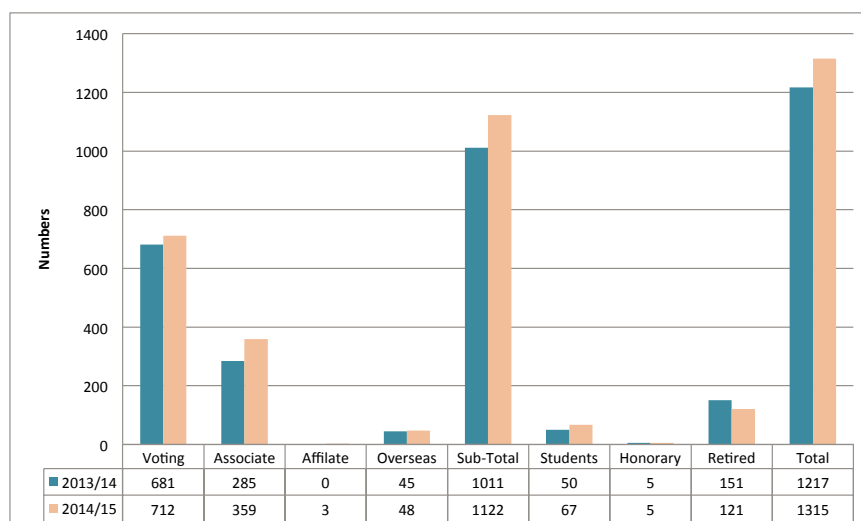
Andrew Stirling, Auckland (Division Representative to Board)

BOARD MEMBERS

Daniel Williams, Auckland (Board Representative to Council)
Mark Allan, Christchurch (Board Representative to Council)
Simon Jellie, Wellington (Stream Representative to Board)
Lynda James, Wellington (Independent)
Dr Bruce Anderson, Wellington (Independent)
Jeffrey Needham, Wellington (Council President – Ex-Officio).

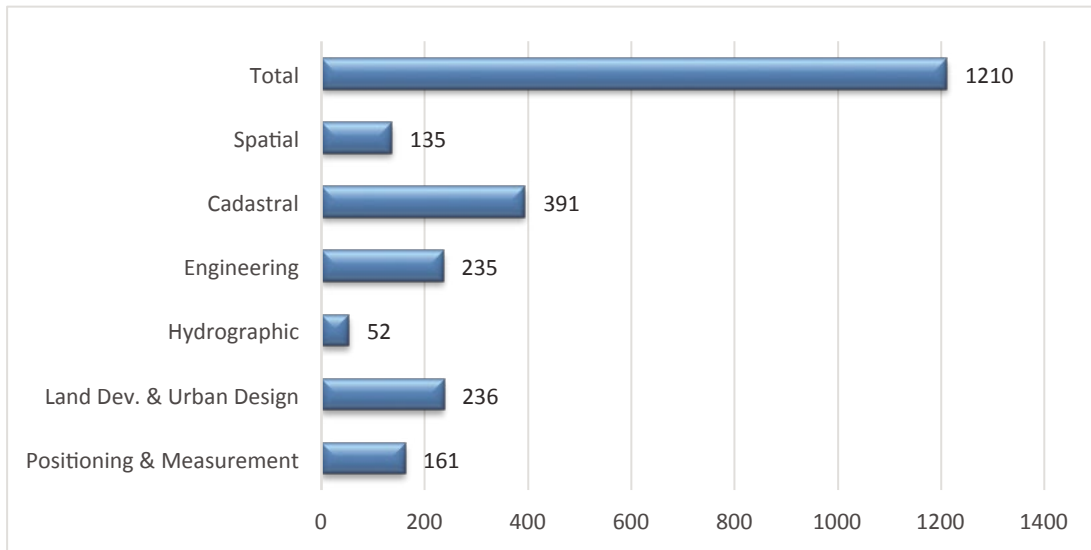
Membership Numbers

NZIS MEMBERSHIP AS AT 30 JUNE



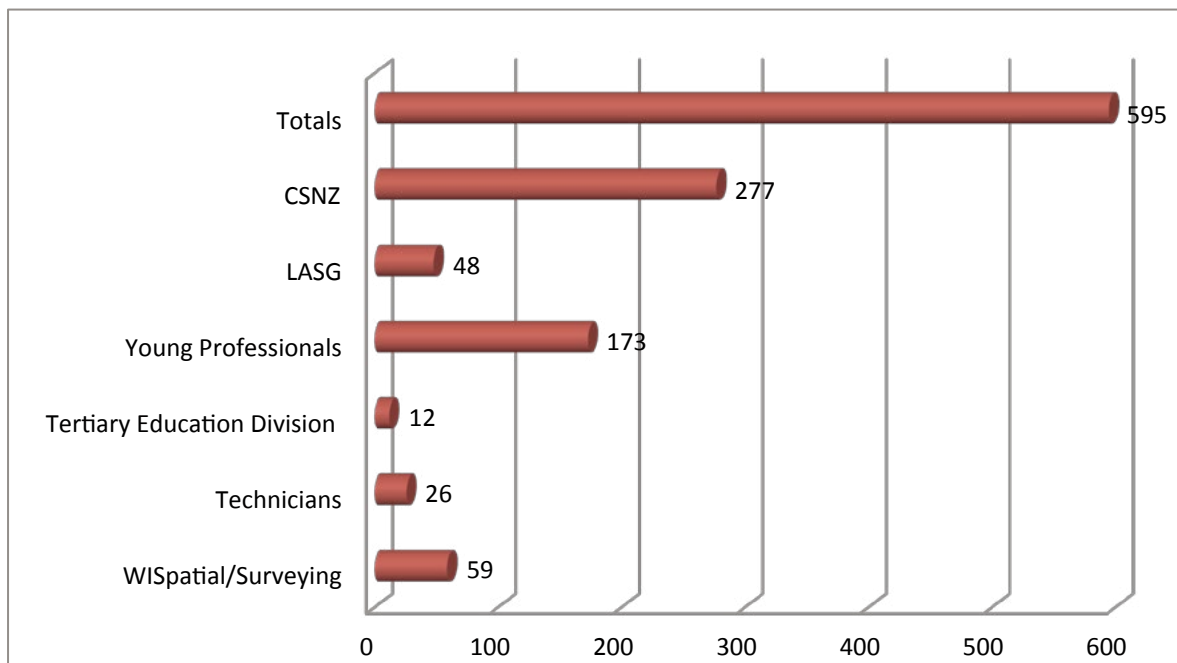
Note – The student numbers reflect the number of student membership applications NZIS received and not the total number of students at Otago Survey School and Unitec as in previous years.

PROFESSIONAL STREAMS SELECTED BY ALL MEMBERS



Note – The total includes retired members. Members can select multiple streams. A large number of members still need to enter their member Memberconnex Dashboard and select their Professional Streams.

SPECIAL INTEREST GROUPS SELECTED BY ALL MEMBERS



Council and Board Support

Honours, Awards and Prizes

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

- **Percy Dyett Award** – Aaron Arthur Robertson, Auckland
- **State Sector Award** – Graeme Crouchley, Christchurch
- **McRae Award** – Ross Shirley, Nelson and Ralph Winmill, New Plymouth
- **Bogle Young Surveyor of the Year** – Matthew Alan Ryder, Taupo.

AWARD OF EXCELLENCE

- **Gold Award** – Chris Scott, Surveying for a Stronger Christchurch Infrastructure Rebuild Team (SCIRT), Christchurch
- **Silver Award** – Cogswell Surveys Ltd, Cable Undergrounding Project, St Kilda Development, Cambridge
- **Merit Award** – Tony Nikkel, Motueka Sandspit Groyne Removal Monitoring Survey, Motueka.

Admissions

The NZIS Admissions Panel comprises:

- Ross Thurlow (Land Development Engineering) and Admissions Panel Convenor
- Lloyd McGarvey (Cadastral Surveying)
- Mark Dyer (Planning, Design and Resource Management)
- Jeff Irving (Spatial Measurement)
- Graeme Blick (Geodetic Surveying).

The Panel is responsible for administering the Admissions Policy for professional entry to NZIS which came into force in May 2012.

Professional Entrance Examinations were conducted by the Panel in November 2014 and February 2015. Of the 16 candidates sitting the examinations 14, or 87.5 percent attained a full pass.

The annual Cadastral Law Examination conducted by NZIS was held in February 2015.

Of the 48 candidates sitting the examinations 42, or 87.5 percent, attained a full pass.

Advocacy

One of the key objectives for NZIS is to lead and advocate for the profession. Certainly in the last year that proposition has become a strong and expanding reality as we have focused on a deliberate and growing need to make progress in a space that is important to members both in New Zealand and offshore.

The following are some of the items that have been progressed in the last financial year by Council, Board and staff.

1. Canterbury Earthquake Affected Cadastre – Sector Leaders Group (includes two NZIS representatives) and Canterbury Working Party.
2. Meeting held with the Minister of Land, the Hon Louise Upston. Six monthly meetings are now in place.
3. Strategic Plan and update on NZIS forwarded to all key Ministers of the Crown.
4. Meetings with the LINZ leadership team – the NZIS Board and President meet twice yearly on all strategic issues that are at the fore.
5. Landonline meetings – meetings held monthly, progressing to more regularly as required.
6. Individual meetings with LINZ leadership team and support staff.
7. Property Rights – 6 weekly meetings.
8. Operations Manager – Survey and Titles (as required, monthly meetings at present).
9. New Zealand Spatial Excellence Awards – NZIS has taken a leadership role in driving this concept through to the first event in November 2014. Refer www.nzspatialawards.org.nz
10. Liaison with Spatial Industry Business Association (SIBA).
11. Liaison with Consulting Surveyors New Zealand (CSNZ)
12. NZIS members closely involved in the TROQ Technical Review of Survey Qualifications lead by Connexis ITO.
13. MBIE – Floor level guidelines. NZIS Working Party methodology applied. Relationship growing.
14. Quality Planning – NZIS is a founding member and quarterly meetings are attended.

15. LEAD (Lawyers, Engineers, Accountants and Doctors) is a platform for the CEOs of major profession membership organisations to meet and share ideas and experiences. NZIS has recently been invited to participate in these meetings.
16. Maori Land Submission – input coordinated by Nick Davies (Chair).
17. Business Case for changes to the Cadastral Survey Act – meetings on Sec 52 have progressed and Terms Of Reference for a review are being formulated.
18. FIG WW 2016 – onshore and offshore relationship building. This is a key world event that is coming together well. Representations made with the support of Tourism NZ and LINZ at most key world events and with all Australian states.
19. SSSI – Memorandum of Understanding (MoU) signed in November formalising reciprocal rights and support for key objectives.



Jeff Needham, NZIS President and John Trinder, SSSI President, signing the MOU.

Looking forward, NZIS has engaged a Relationship Manager, Lauren McGee, with a key task of leading our advocacy outcomes as formulated by the Council/Board.

CEO Report



It's been a long year for the support structure within NZIS with some big calls on staff and volunteer time mainly around the Canterbury Earthquake but also new levels of advocacy, expanding international commitments (as we head towards FIG WW 2016 in Christchurch next May) and the growth of our still evolving stream structure.

The NZIS 2014/15 Business Plan was a key focus by the office and despite

being reduced to three staff for the last quarter of the year we addressed most of our key objectives and I think the work put in by the Board and Council to launch the 2015 to 2020 Strategic Plan was noteworthy as the members, key partners and our communities can now get a feel for Councils vision.

Producing a surplus while bedding down significant change has been a challenge and I would like to acknowledge the work of the Board and Audit and Risk Committee in ensuring we identify and mitigate risk while living within our financial means. The pleasing aspect with any surplus is we are rebuilding our reserves for future membership objectives.

The support of Canterbury Earthquake related issues is and will remain a key focus for NZIS. However, our capacity to quickly influence and remedy the raft of issues evolving tends to be overstated. The reality is that final solutions are far from simple but it is important that members know that more volunteer and staff hours have been thrown at Canterbury than any other item especially by the NZIS President and the local branch membership. The voluntary work put in by the technical representatives is something we should be very supportive and proud of.

It follows that LINZ has been a key focus in the last year. Although at times incredibly frustrating and time consuming I think the integrity shown and positions progressed by our profession have been well received and influential in the outcomes being progressed. No simple solutions but a leadership position that the Board has set and alongside the focus groups from Canterbury will remain a long term priority.

We can always communicate better and I think it's fair to say we should push that balance a little more and intend to do so in the coming year. Jan Lawrence has been doing some great work on developing a Social Media Strategy and new products that will complement our communication as part of an upgrade to the NZIS website to be launched by Christmas. These upgrades are

designed to support improved membership interactions and offer a greater focus on key issues as they evolve. Included are things like an improved website Forum, regular short email updates and the use of interactive platforms for streams, divisions and special interest groups.

The task of the office is always to ensure the NZIS focus is on the wants and needs of members but also that we remain in touch with the coal face of our profession and national issues as they evolve. We seek and need that input so I urge members to complete the annual questionnaire or inform any NZIS office holder or staff member of items worthy of our organisational focus by March each year when the Council and Board review all our national plans and strategies.

The NZIS Conference is always a great opportunity to network and stay in touch and the Taranaki team under Vaughan MacLean can be very proud of the event they put on last year. By any measure it was special with 96% who returned the event survey stating that it met or exceeded expectations. Well done to the LOC and all those that contributed to that success. The Gala Awards Dinner was also a great night and a fitting celebration of NZIS excellence. We must thank key partners GeoSystems and Glenn Stone Insurance for investing and contributing to the financial success of this event.

The inaugural New Zealand Spatial Excellence Awards held in Wellington last November was a new spatially focused event that was also a great success. SIBA, LINZ and NZIS partnered for this evening presented by MC Mark Sainsbury. We believe this event will expand in its relevance to NZIS and I suggest members look at its focus at the website or consider entries. Go to: www.nzspatialawards.org.nz

There are also some big positives from our growing commercial relationships with each of our Diamond partners not only supporting our revenue streams but also readily supplying speakers and expertise as compliments our own resources. In similar fashion Continued Professional Development (CPD) and training is also an area of growing focus as our profession strives to reflect the wants and needs of business owners and individuals to remain current.

Stream evolution and Branch support is vital and although the days of the President visiting every branch are gone, the recent use of Faceme to share knowledge between key office holders is something that we are intent on growing so NZIS remains in touch with the latest frustrations we are all facing.

In the office Barry Davidson, the former National Manager (see Barry's career story titled *Education's loss – surveyors' gain*),

and Joanna Leighton Jones, Office Administration, both retired in 2015. Each contributed significantly to NZIS and I thank them for their loyalty and support. When someone leaves it allows for new thinking and we have just appointed our first Relationship Manager – Lauren McGee, who has expertise in the legal, advocacy, policy and membership areas and Jenna Chapman, who has a raft of experience in the administration and event space. I look forward to their influence on the national office in the future.

Before I conclude we must mention the FIG Working Week that will be held in May 2016. The Local Organising Committee under Chair Simon Ironside, has spend the good part of four years putting this event together. This will most likely be the last time such a prestigious world-wide event will be on our shores for many years so I recommend we take the opportunity to influence and share in its unique flavour and culture.

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. 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.

Looking forward, the Year Book concludes with our key targets for 2015/16. 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. Vanessa Deleat (Knowledge Manager) and Jan Lawrence (Communications and Marketing) have worked hard and I can only praise their efforts. My thanks also to the outgoing President – Jeff Needham, for carrying such an incredible workload, the Council, Board Chairman – Andrew Stirling, and the Board for their support, guidance and insight into our profession. We have many challenges ahead but the foundations are being positively put into play.



Hadyn Smith, CEO

Report to Business Plan 2014–2015

Communications and Marketing

The 2014–15 year has been one of consolidation since the launch of the new website and membership database, Memberconnex in November 2014. Use of Memberconnex has gone from strength to strength and is used as the main communication hub for news items, CPD event bookings, commercial payments, job listings and NZIS publications.

Now the system is well embedded it is time undertake a refresh of the system and improve the usability for members. To this end, a web design firm has been engaged to complete the upgrade which will include design input and improvements to the public facing web pages, improved rendering of various directories, development of an e-Newsletter and improvements to member's Dashboard display making personal Dashboard more contextual. It is anticipated that the new site will be launched at this year's conference. Part of this work is to also implement a social media strategy throughout the next year.

Website and promotional support has been provide to both the New Plymouth and Wellington conference local organising committees. A new conference website was launched in time for the opening of Wellington conference early-bird registrations.

Refreshing NZIS publications, the quarterly magazine, various membership certificates and the annual plan have required focus this year. Moving the Annual Plan to a Yearbook has been completed. Now also well embedded, is the re-naming and re-design of the quarterly magazine from *Survey Quarterly* to *Surveying+Spatial*. We continue to enjoy high quality and informative articles through the excellent editorship of Diane Moriarty.

An upgrade of the monthly newsletter *Newslink* will coincide with the website refresh which will allow us to move to a full e-newsletter. There has been no further action on *The NZ Surveyor Journal*.

Communications have worked closely with LINZ and NZIS Executive attending the *Canterbury Sector Leaders Group* meetings to ensure that factually correct information and updates of the complex issues were delivered to members, particularly those involved in Canterbury earthquake affected cadastre.

The growth of the CPD programme has required extra communication and promotional support as the library of webinars and National Calendar events has grown. Similarly, the introduction of the *NZ Spatial Excellence Awards* and the newly launched *Cadastral Survey Award* have also required communication

and marketing support as does the annual the *NZIS Award of Excellence*.

Membership activities were temporarily brought under the marketing and communications role after the resignation of Membership Manager in May 2015. The demand of additional membership activities has put pressure on communication and marketing output at various times.

Education and Continuing Professional Development

The past twelve months considerable effort has gone in to building up and refining a successful, varied and comprehensive continuing professional development programme to ensure value for members through relevant training offerings.

Events have grown from a minimal 1–2 seminar events per year to 9 seminars and workshops and 15 webinars for the 2014/2015 period.

The event offerings have been developed from a range of member and stakeholder feedback as NZIS wants to ensure that the training on offer is meeting the needs of its members. We believe that we have been successful with this initiative as member participation in CPD events has increased by over 40% from 2013 to 2014 and again by a further 37% from 2014 to 2015.

NZIS events now include, seminars, workshops, webinars and video library offerings. With a wider selection of event topics and event options available we have endeavored to show our ongoing commitment to supporting the training needs of our members.

The table below lists the variety of topics offered in seminars and webinars to member.

EVENT NAME	EVENT TYPE
Communication and Negotiating Skills	Webinar
GPS	Webinar
Growing Old Disgracefully – Succession Planning	Webinar
LDS for Spatial Professionals	Webinar
Negotiation Skills	Webinar
Resource Consent Writing	Webinar
Business Mentors	Webinar
Good Project Management	Webinar
GPS – Technologies That Will Transform Surveying	Webinar
Changes to the Building Act	Webinar
Emotional Intelligence	Webinar
How to Write Outstanding Reports	Webinar
SketchUp Pro – Webinar	Webinar
Good Project Management	Webinar
LINZ Water Boundary	Webinar
Landonline Plan Generation	Seminar
Building Information Modelling	Seminar
LINZ Cadastral Limited Titles Masterclass	Seminar
Urban Design	Seminar
Street Design & Urban Density	Seminar
Health & Safety – Making Safety Simple	Workshop
Women in Industry – Leadership and Communication	Workshop
Making Safety Simple	Workshop
Uses and implementation of unmanned aerial systems for surveying purposes	Workshop

NZIS has also developed a webinar library of recorded events that members can access on demand to assist with

their ongoing continuing professional development requirements. These videos are all listed in the NZIS National Training Calendar On the website: http://www.surveyors.org.nz/Calendar?Action=View&Calendar_id=1

Recent analysis of member participation in NZIS events shows that member support has increased by 37.33% over the last twelve months.

ATTENDED TRAINING OVER BOTH THE 2013/2014 AND 2014/2015 FINANCIAL YEARS

Attendance Stats (Individual Registrations)	1184
Attended x1	367
Attended x2	156
Attended x3	61
Attended x4	37
Attended x5	16
Attended x6	8
Attended x7	2
Attended x8	1
Attended x9	0
Attended 10+	2

2013/2014 Figures	
Registrations (Individual Registrations)	371
Seminars/Workshops (Run over the financial year)	3
Webinars (Run over the financial year)	5
2014/2015 Figures	
Registrations (Individual Registrations)	813
Seminars/Workshops (Run over the financial year)	6
Webinars (Run over the financial year)	8
Video Library (Run over the financial year)	23

Percentage Stats – Increase from 2013/14 to 2014/15	
Registrations	37.33%
Profit	45.41%

2013/14 Seminars/Workshops	3
2014/15 Seminars/Workshops	6
2013/14 Webinars	6
2014/15 Webinars	9

NZIS will continue to grow and refine CPD and training as we realise that it is an ever evolving process. We have recently launched new webinar software and event recording technology so events can be produced in higher quality.

NZIS is in the process of brokering relationships with a range of like-minded organisations to see how NZIS members can gain

access to a broader range of events. This will open up a whole new range of training topics and training options to better support the ongoing training needs of members.

Relationships with schools and scholarship initiatives will also be a focus for NZIS to assist with fostering a new generation of surveyors into the industry.

Within my report I have attempted to give a good overview of our achievements to-date and also some exciting new initiatives to come. I am sure that the year ahead will prove to be one of growth and improvement for NZIS and members will continue to see a focus on quality and real value.

Vanessa Deleat
Knowledge Manager

Research and Development – Scholarships

Scholarships that have been progressed in the last few years by NZIS have been limited to only two. However, such investments are retained as a key objective for NZIS and the 2015/16 financial year will see a new focus on educational scholarships that will support our target of an increased gender balance and support for minority cultures.

The 2014 *Bogle Young Surveyor of the Year* award was sponsored by 12d NZ Ltd and several of our Diamond commercial partners have expressed an interest in supporting those entering the profession, so although a number of early suggestions have to be coordinated and applied, we are hopeful that we will see an increased level of interest and investment in scholarships in the not too distant future.

Commercial Partners

The development of our commercial partners has been an evolution in itself with our profession learning how to get the best out of our long term relationships. Certainly NZIS and our members already had many great commercial relationships and partnerships. However, what we are trying to harness for our collective good is the ability to offer some enhanced exposure in return for new levels of investment, not just financial.

Our Diamond Partners are the crown jewels in our partnership and support structure with GeoSystems (Premier NZIS Conference supporter); Glenn Stone Insurance (the Gala Awards); Eighty4 Recruitment (free HR support); The Marketing Company (free marketing assessments) and Global Survey (NZIS Conference support) adding extreme value to the term membership support. Certainly these growing relationships are special and it's great to see that many of the enhancements we are seeking are not just financial as they provide speakers and event support that is perhaps not on the regular commercial landscape.

In effect this family of five are called diamonds because they support our ability to expose our members to sector related businesses but more importantly an ability to grow and offset our real costs. For many, including the NZIS Board, Council and staff, these partnerships are moving forward slowly and deliberately with goodwill on all sides. The only thing we ask is that members support those companies that support NZIS 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 but our Gold partners (12d and Synergy Positioning Systems) also contribute along with all our advertising and event partners as they are all directly paying into our long term vision of a sustainable NZIS.

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



The Year that Was

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 '2014/15 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	Objective weighting	Score	Target notes
Support the NZIS structure (Professional Streams, Branches Divisions, Advisory Groups and SIGS).	10%	6%	Only one stream does not have a functional committee or signed off terms of reference. All other streams functioning and growing.
Enhance and reinforce the value of membership integrity and professional recognition.	4%	2%	High level of focus on Christchurch earthquake related issues. Taking a leadership role with LINZ and building relationships with central government. New HTML membership form on line.
Review and update our "self-maintained" membership database ICT platform to reflect good practice and improved usage.	2%	1%	Improved quality of data being achieved but still only minimal individual focus on 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%	2%	Workload and staffing levels meant high work rate but reduced reporting. Catch up made towards the end of the year.
	20% TOTAL	11% achieved	

2. Professional standards	Total weighting: 15%		
Key Objectives	Objective Weighting	Score	Target notes
CPD and training – ensure seminars, webinars or similar are delivered that improve and enhance membership capability and competency.	6%	5%	Significant growth in usage in an area that is key to membership. Long term calendar and topic selection process in place. Webinars and library being well received in provincial areas especially. Quality improvements a key focus.
Oversee a NZIS conference that supports the sector and the vision of NZIS.	4%	4%	The Taranaki LOC under Chair Vaughan MaClean, did a fine job with a high level of satisfaction recorded plus a surplus.
Ensure professional capacity in NZ is understood and monitored.	2%	.5%	Some information gathered but not progressed to date.
Review new technologies and rate future impact of evolving products on our sector. Update and support streams.	3%	2%	Building Information Modelling (BIM) was a focus. UAV (drones) was a secondary focus with streams now requesting and suggesting new topics.
	15% TOTAL	11.5% achieved	

3. Leadership	Total weighting:10%		
Key Objectives	Objective Weighting	Score	Target notes
Grow the relevance of the NZIS Membership Satisfaction Survey (MSS) and make analysed data available to participants.	7%	5%	We have focused on ensuring the 2015 survey is simple and can be completed in a short period of time. Survey will not be circulated until July.
Professional Streams to determine individual Business Plan and submit proposals annually.	3%	2.5%	All streams have completed this except one. Based on the calendar year.
	10% TOTAL	7.5% achieved	

4. Advocacy	Total weighting: 10%		
Key Objectives	Objective Weighting	Score	Target notes
Monitor key LINZ issues that require our input or support.	5%	4%	The Board have set up high level meetings with LINZ in order to lead and ensure direction and thinking reflects our members and business needs. Floor levels, shallow boundary movement, ASaTS project and Landonline delays some of the projects supported.
Build relationships with key organisations within our sector.	5%	4%	The Board has focused on high level relationships with Central Govt and key organisations, such as MBIE. This has been complimented with new commercial relationships and interactions with like-minded organisations such as IPENZ, ACENZ, etc.
	10% TOTAL	8% achieved	

5. Enhanced Recognition & understanding	Total weighting:15%		
Key Objectives	Objective Weighting	Score	Target notes
Ensure regular updates to the NZIS membership and key partners in a timely and appropriate fashion.	9%	6%	A heavy workload this year on volunteers around key issues. We need to communicate more when key issues of membership interest are involved
Maintain a web-based knowledge page that explains the total NZIS profession and introduces / highlights our story and vision.	6%	4%	We have posted but website needs an upgrade. Members of the public are informed about our professional roles but finding that information can be difficult.
	15% TOTAL	10% achieved	

6. Grow the sector	Total weighting:15%		
Key Objectives	Objective Weighting	Score	Target notes
Identify key and relevant international organisations & events and ensure we develop and maintain a strong involvement and relationship.	15%	14%	Big focus as we progress towards FIG WW 2016 in Chch. Building relationships as targeted with presentations in Australia (Victoria, Queensland and NSW) and Bulgaria. Good progress and response from the FIG membership.
	15% TOTAL	14% achieved	

7. Sustainable organisation	Total weighting:15%		
Key Objectives	Objective Weighting	Score	Target notes
Grow revenue so we can deliver more to members and maintain appropriate reserves.	6%	6%	We have grown our commercial base, the use of CPD/training opportunities, returns on investment and membership.
Review the long term NZIS Strategic Plan and apply outcomes to the medium term plan.	4%	4%	Council and Board signed off on the 2015–2020 Strategic Plan that includes Council (long-term) and Board (medium term) objectives. Published in May 2015.
Evolve a NZIS structure that is well resourced and appropriate to membership expectations.	5%	3%	NZIS office had two retirements and will be back to a full complement shortly. Still working on the functionality issues between branches and streams.
Enhance membership by ensuring one body represents all their needs so they value membership and NZIS understands the changing demographics.	5%	3%	Implemented a membership recruitment for spatial and made membership at all levels easier with a HTML application process. More work to be done to value membership and certification across the board.
	20% TOTAL	16% achieved	

2014/15 NZIS FINAL SCORE = 78 PERCENT



The Journey So Far...

Melissa O'Brien, Graduate Surveyor, Eliot Sinclair and Partners Ltd, Christchurch

I am a Graduate Surveyor working for Eliot Sinclair and Partners Ltd. (Eliot Sinclair) in Christchurch. Eliot Sinclair is a surveying, engineering and planning consultancy. The company specialises in land development, resource management, civil and structural engineering, geotechnical and environmental engineering, hydrographic and cadastral surveying, GNSS applications and survey control. Eliot Sinclair has offices in Rangiora, Christchurch and Hokitika and completes projects across New Zealand.

Currently the Eliot Sinclair Survey Team is involved with a number of interesting surveys; 3D laser scanning, construction set out, topographical and cadastral which are supporting land development and earthquake recovery projects throughout Canterbury, as well as being extensively involved with the development of Wigram Skies subdivision.

Eliot Sinclair offers a Graduate Programme which assists those working towards becoming a Licensed Cadastral Surveyor and a full member of the NZIS. As a Graduate Surveyor within this programme I am exposed to a wide variety of projects which enables me to complete the experience requirements set out by the NZIS Admissions Panel. I am currently in my last stage of the Graduate Programme – Resource Management and Planning – and

am working towards the Professional Entrance Examinations in November 2015.

Upon finishing my degree in November 2011, I had a unique start to my surveying career as I entered the earthquake 'disaster zone' in Christchurch, with the opportunity to experience surveying in an area with unprecedented vertical and horizontal ground movement. The extent of my post-graduation learning curve has been invaluable with pressure to learn quickly and apply knowledge to help respond in a post-earthquake environment.

I have been involved with a number of cadastral surveys in a post-earthquake environment. These have ranged from mark protection surveys as a result of infrastructure rebuild, large scale subdivision on land development sites such as Wigram Skies, to complex redefinition surveys located in areas with significant ground movement.

Topographical surveys that I have had the opportunity to be involved with have included verticality surveys within the Central City Red Zone, monitoring buildings as surrounding buildings were demolished. This was completed using traditional survey measurements as well as utilising laser scanning techniques.



Other topographic work has involved asset assessment for the Stronger Christchurch Infrastructure Rebuild Team (SCIRT). The most memorable surveys being the Tunnel Road Bridges and the survey of State Highway 74 from Bromley to Travis Road in eastern Christchurch. Both surveys were completed at night, and required large amounts safety gear and traffic management.

My experience also extends to GNSS control surveys where, with Eliot Sinclair, I helped coordinate and process the data provided to SCIRT for the re-survey of emergency benchmarks established by SCIRT and Christchurch City Council immediately after the September 2010 earthquake. This was completed before the release of the 2013 LINZ coordinates.

I have also completed a number of construction set out projects including the St. Margaret's College Auditorium, Wigram Skies Town Centre retail and commercial buildings and houses for insurance rebuilds. I spent a year on site at the Wigram Skies development, completing all the set out, as built and contract administration for Stage 1 of the Town Centre and Stage 2 of the Hayton Road Industrial area. This was a great experience working in a small team environment. I have recently completed the engineering design of Stage 4M of the Wigram Skies Subdivision which is currently being constructed.

At school, I was particularly interested in maths, problem solving, geography and the outdoors, which, as the geography teacher who introduced me to surveying recognised, was the perfect mix of passions for surveying. After attending the open day at the University of Otago, realising the opportunities a career in



surveying presents, and enjoying my initial surveying experience with John Hannah on the roof of the Survey School, I enrolled to study surveying at Otago University.

I have been involved with the NZIS Young Professionals Group (YPG) since graduation in 2012 as the Canterbury Branch Young Professionals Representative, the NZIS YPG Education Representative and more recently as the Young Professional Representative on the FIG Working Week 2016 Local Organising Committee. I have now been elected to lead the YPG within the NZIS. This will be a great challenge and I hope to help develop the YPG further and make it something that all Spatial Young Professionals are proud to be part of.

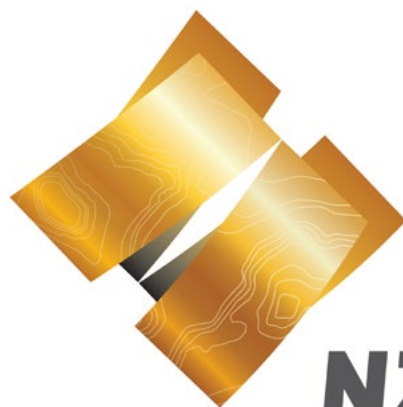
My involvement with the NZIS has seen one of my career highlights to date. This being my attendance to the XXV FIG Congress in Kuala Lumpur in 2014 where I met Young Surveyors from around the world and played a key role in establishing the FIG Young Surveyors Network for Asia and the Pacific.

On a more technical level I have found it very rewarding to be involved with the construction of Wigram Skies. There is nothing like seeing your design and set out take shape on the ground. I also enjoy the challenge that the earthquakes have imposed on cadastral surveying within Canterbury as every job is unique and provides endless opportunity to learn and grow as a professional.

Since making the decision to study surveying I have never looked back. I am looking forward to seeing what opportunities and challenges my future career in surveying holds.

NZIS Branch Chairpersons 2014–2015

Northland	Phillip Lash	Nelson/ Marlborough	Vicki Nalder
Auckland	Tom Bretherton	Canterbury	Shane Dixon
Waikato	Peter McLachlan	South Canterbury	Glen McLachlan
Rotorua/Bay of Plenty	Matt Ryder	Coastal Otago	Mark Geddes
Gisborne	Kevin Taylor	Central Otago	Stuart Calder
Hawkes Bay	Nicholas Stillwell	Southland	Johnathan Hodson
Taranaki	Keith Holswich	Westland	Jan Coll
Manawatu/ Wanganui	Steven Archer	Hong Kong	Mr John Barrett
Wellington	Mr Ben Zwartz		



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NZIS Branch Activities

Northland

Another busy year has passed for the surveyors of the Northland branch. Workloads continue to build with local development and the ever increasing pressure from our southern neighbours. Coastal areas south of Whangarei are experiencing strong growth along with the rural and rural residential subdivisions around the Northland area. Growth also continues with infrastructure expansion from the local authorities and also development within the Whangarei District Council's Urban Transition Environment. A Zone based on the development of residential clusters within a rural setting on the city fringes, that continues to result in interesting discussions with the local authority.

The Northland branch has a membership of approximately 40 with the majority made up from the Whangarei, Paihia and Kerikeri areas. Generally less than half members attending our branch meetings. A total of four meetings were held for the year and in an effort to move away from continued discussion on Institute matters, membership drives and governance models, the Northland branch has undertaken a change to its branch meetings. Technical matters are now discussed through sub-committees and email streams, and in order to try and encourage more participation the branch meetings are based around a presentation from one of the local practices. Meetings have currently ranged from a UAV practical demonstration, a presentation on a members experience in the Australian mining industry, and a presentation and review of the Otito Reserve boundary dispute and resulting Court of Appeal decision. The latter resulting in a good quality discussion by branch members on survey definition.

We also continue to appreciate the visits from the Land Information New Zealand team with this year's presentation involving The Marine and Coastal Area (Takutai Moana) Act and discussions over the reclamation process. A presentation was also provided by the Whangarei District Council regarding the impending rural plan change which may restrict a lot of the lifestyle development within the area.

Through a number of sub-committees the branch is also involved in discussions with the District Council regarding the Environmental Engineering Standards review and the preparation of an agreed documentation from branch members to the Maori Land Court regarding the preparation of Occupation Orders for Maori land partitions.

The Whangarei District Council and Land Information New Zealand also approached the local branch regarding the removal of Trig 46 from Mt Parihaka. The local council in association with local Iwi representatives are upgrading the viewing platform from

Mt Parihaka which requires the removal of Trig 46 and associated beacon. Not wanting to stand in the way of progress the branch has encouraged the removal of the trig with the agreement that part of the beacon be incorporated back into the new elevated viewing platform as a reference to the history that the trig and surveying has played in the area.

Thank you to all the branch members that participate in the local meetings and those that are involved in the sub-committees, and thank you to our Secretary/Treasurer for their assistance over the past year.

Auckland

A number of major projects are underway with the Waterview tunnel and linkages moving rapidly forward (despite the faulty concrete), property acquisition and planning for the City Rail link (CRL), planning for the second harbour crossing, significant new multistorey buildings planned for the CBD including a dominant 50-storey office, and the numerous new housing developments.

The last twelve months has been an exceptionally busy time for many of us, with employers finding it a constant challenge to source staff in order to resource projects and commitments and the constant challenge to divide our time between work, family and other activities.

As a group we need to enjoy the sunshine whilst it lasts...but also to keep a careful eye on the horizon – as the economists of the major lending institutions have let us all know.

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 branch's affairs, arrange venues and coordinate speakers etc. in particular where their time commitments on other activities are significant.

Ryan Healey – Secretary
Andrew Blackman – Treasurer
Rebecca Strang
Claire Valkenborg
Bruce Frith
Eleanor Moyle

We recognise the contribution that they have individually and collectively made.

Some of the present members have decided to retire from the exec this year and we thank and congratulate Claire – who is now a mother – and Eleanor, who has moved to Tauranga's sunny shores.

Ryan, Andrew, Rebecca and Bruce and Tom have put themselves forward to be nominated for a further year in different capacities and Robert Mears and has kindly offered his availability as YSG rep and Joe Leeper as a Committee member.

We would welcome any other nominations for committee members – without defined roles just to be part of the group and to bring fresh ideas.

Branch Meetings: the 2014 to 2015 financial year has been a busy year for Auckland Surveyors and this has proved a challenge to get both the exec together and for meeting attendances.

We also would like to thank the following businesses that have sponsored meetings over the past year: Geosystems for last year's AGM and Global Survey for this years

To recap, the following events and meetings were part of our local calendar this year:

September 2014: Georabble (organised by Malcolm Archbold of Beca) – various spatial orientated specialists presented their areas of expertise.

October 2014: Auckland Council Consultants Forum

November 2014: Branch Meeting Auckland Council – Heather Harris, Trevor Cullen and Daniel Sainsbury

February 2015: Joint meeting of NZIS Auckland Branch and the New Zealand Coastal society – held in the Beca Auditorium. (thanks Beca)

May 2015: Curry Night at Masala – Presentation by Glaister Ennor from the legal perspective of Subdivisions.

We thank Vicki and Anthea for their presentations.

Tom Bretherton
Auckland Branch Chair

Waikato

The Waikato branch has had a busy and productive year in which some of the highlights were meetings held in our provincial towns. We were hosted by HEB Construction in April at the Cambridge base of their Waikato Expressway project. There was a great turnout from our members as well as guests from the Waipa District Council. HEB's have been utilising a number of innovative surveying techniques on the project including UAV's for volume analysis, GPS machine controls and millimetre control of graders using total stations. Our branch is looking forward to returning to the project later in the year prior to project completion.

Another trip was undertaken to the Newmont Goldmine in Waihi where we learnt of the environmental challenges of mining within and under a town as well as the day to day challenges for an underground mine surveyor.

In Hamilton City over the last year it has been particularly busy with no real signs of a drop-off. The complexities of the Proposed District Plan, in particular its impact on traditional Greenfield development, has just started to become more apparent. Integrated Catchment Management Plans are adding significant time delays to the consent process and the full scale of their impact is yet to come. Multiple Lot infill development also now require considerably more paper work in the form of assessing impacts on Traffic and the three waters. However, Council seem to be starting to use their discretion in granting consent to development with good design outcomes, often willing to negotiate failures in density etc. for the right design.

Towns such as Cambridge have continued to grow, with large growth in residential developments and also in construction of new retirement villages. The current state of the dairy industry will be watched with interest as the impact of the reduced payout will have an effect on the spending in the service towns and the possibility of subdivisions in order to reduce debt within these businesses.

The Waikato branch is looking forward to the AGM in late July when we will have a forensic scientist from Environmental Science and Research talking about crime scene investigation and their use of laser scanners.

Rotorua–Bay of Plenty

This year has been a relatively quiet one for the branch. We have had four meeting across the region (Tauranga, Rotorua and Taupo) with the usual fifth one being cancelled as there was nothing which needed discussion.

We have once again had a variety of speakers talking on many different topics which I hope have been of interest to our Members. Attendance has been lower than historic numbers – we are unsure if this is because members are getting busier and are unable to attend due to other commitments or because there has been nothing significant that has come to light that requires discussion in this forum.

Overall members are reporting that work is steadier and in some cases levels are increasing with some of the Auckland overflow reaching the more northern extents of the Branch.

Gisborne

Another year has gone by already. The Branch activities over the past year have again been minimal. Only one Branch meeting was held during the past year since the last Annual General Meeting. This was held on 25 February 2015.

An attempt was made at the beginning of this year to host a joint meeting, and weekend activities, with the Hawkes Bay Branch during late February / early March 2015. For one reason or another, this did not eventuate. There are however interests in holding such an event in the future.

The National conference for the NZIS was held in New Plymouth last year. Again no delegate from this Branch attended.

Unlike previous years, the Branch received no visits from any of the Council or Board members of the NZIS. Likewise there was no visit from Land Information NZ's representatives.

Regionally the local surveyors, as stakeholders, have been invited to attend a series of forums organised by the Gisborne District Council on a range of matters relating to the Resource Management Act 1991. To date a total of five forums were held.

In March 2015, an amendment to the Resource Management Act 1991 came into effect. As a result we have experienced a significant increase in the expectation of information and assessments required upfront with all proposed resource consent (subdivision) applications by the planning staff at the Gisborne District Council. It is fair to say that there is no such thing anymore as a straight forward proposed subdivision. Given the complexity and the professional standards, both required and expected, this should be positive for our profession.

The membership within the Branch remains the same with just four voting members and now only one associate member.

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

Kevin Taylor
Gisborne Branch Chair

Hawke's Bay

The past year has seen five formal branch meetings, two branch social events, one public meeting, and a number of sub-committee and other informal meetings to assist the branch to collectively represent our views and to organise our approach to influencing the region for the better. We have also been represented at the national conference and individually our members have played a significant role in the development of the region.

Our branch meetings have been well attended and have covered a range of topics, as well as providing a platform for social interactions before the meetings. Some meetings have had presentations by guest speakers including Craig Thew – Group Manager: Asset Management at Hastings District Council, Alan Ridge and Stacey Spooner of LINZ, and Jeff Carter – Mountain Bike Track Designer and Director of South Star Trails. These meetings have both allowed our members to keep in touch with regional and national issues affecting our industry and to influence regional outcomes for the better.

We have been actively represented on the Hastings District Plan Review Process by a passionate subcommittee group made up of branch members; they have given a considerable amount of their valuable time and energy to ensure that good workable outcomes are achieved through the planning process.

This year has been the first full year since the re-structure of NZIS

into streams and so far in Hawkes Bay this appears to have very little impact on our meetings and our membership, although we have made efforts through approaches to geospatial professionals to encourage their membership. Perhaps we can make more progress in this space in the coming year.

It is great to be involved in a branch with such active members both professionally and socially.

Taranaki

Tena koutou katoa

Life is good in Taranaki and although with the low oil price, there is a slight down turn in the petrochemical industry, plenty more is on the way. This is more than made up for in the continuing subdivision developments that are taking place. Perhaps many of you who attended conference last year, finally realize what a great place we have here. With the Treaty settlements of Taranaki, Te Atiawa and Nga Ruahine about to be concluded, this will bring an additional \$225 million to Taranaki iwi and I am sure a lot of this will be invested straight back into Taranaki developments. This can only be good for our wonderful province. We are all optimistic that the rest of 2015 and into the new year will continue to see further projects progressing.

We have an active branch where about 30% of members attended each of the five meetings held during the year. Seminars and workshops involving LINZ, NES soil testing, the Law Society property group and HSE matters drew mixed responses but were generally well received.

The conference was the highlight of last year for us and special thanks must go to Vaughan and his team for the tremendous amount of time and effort put in to make this a success. Thank you to all those who attended and we hope, as our city slogan says, you "arrived as our guests but left as our whanau".

The "Taranaki Letter" has generated a lot of discussion both here and I understand, around the country. We here are all passionate about our profession, about NZIS and about protecting the interests of the public in relation to land matters. We felt the letter needed to be written to generate debate on the subjects raised and indeed it has done just that. Let's continue to have some open and frank input into these matters and I am convinced, that in the end, we will have an even stronger NZIS.

Nga mihi,

Keith Holswich,
Branch Chair, Taranaki.

Wellington

Let us hope that this new year is, like the old Matariki harvest tradition, a bountiful time. The Wellington surveying profession seems in good shape, with firms hiring, big roading projects on the go and an active branch and productive committee.

We have nine new members in Wellington from both the private and state sectors, and covering the land development, cadastral, engineering, hydrographic, spatial and positioning & measurement streams. We welcome them warmly.

At our September meeting last year at the Porirua Club over 20 members heard from NZIS President, Jeff Needham and CEO, Haldyn Smith. This followed an excellent site visit to the brand new Meridian power station at Mill Creek where we saw the latest and biggest wind turbines in the country.

In November around 25 members attended the Thistle Inn, where Jeff Needham presented Ralph Jorgensen's Fellow certificate for his many years of service on the Ethics Committee. We also heard from LINZ Data Service manager Jeremy Palmer and Ben Dash led a workshop on Professional Streams.

In February half a dozen Young Surveyors and new members celebrated sitting their Laws and Regs exam with beer and pizza in the sun at Days Bay.

In March over 30 members attended a presentation at Beca's office by WCC staff on a new interpretation for s.224(f) RMA certification. Deputy S-G Anselm Haanen answered questions at the meeting about the LINZ Canterbury Guidelines.

In May we again had a site visit before our meeting, this time to the Measurement Standards Laboratory (MSL) at Callaghan Innovation in Gracefield to hear about measuring absolute gravity from GNS Science's Vaughan Stagpoole. MSL's Lucy Forde then led a tour of the laboratory, including the underground laser calibration gallery and the incredibly precise Coordinate Measurement Machine. At Cardno's office afterwards over 30 members met staff from the newly branded CCO Wellington Water.

Thanks to the many individual members who have been actively involved in various NZIS affairs, and particularly to our effective and fun branch executive team of Kate Clancy, Jo Cushen, Dave Gibson, Ryan Liddicoat, Matt Carson and Ben Dash. The retiring members will be missed – the experience and confidence of Kate and the energy and diligence of Ryan.

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

We hope to see more of LINZ Operations staff in the coming year, as well as new ideas from the vocal and thoughtful incoming Chair, Mike Foster, who provided this pearl expressing my own departure from the NZIS role, as well as my sales job, as I return to the real world (living the dream of self-employment):

Ka kitea a Matariki, ka rere te korokoro – When Matariki is seen, the lamprey (NZIS Wgtn Branch Chair) leaves (for a new beginning).

Ben Zwartz,
Wellington Branch Chair

Nelson–Marlborough

The Nelson–Marlborough Branch is alive and well, meeting at the Rai Tavern (halfway between Blenheim & Nelson) about 4 times a year.

Workloads in Marlborough are relatively positive with grape and winery expansion, and associated building works. Land development is ticking along, be it very slowly on the Marlborough side as we wait for a large infrastructure spend. Nelson and Tasman Surveyors are working on multi lot residential subdivisions across the region, and Local Authority work.

Branch members on both sides of the hill have been busy interacting with the respective Territorial Local Authorities over planning issues, submissions to plan changes, engineering standards and the inevitable rise of development contributions.

Ross Shirley, of Nelson (former Surveyor at the Tasman District Council of 20 years) was awarded the McRae Award in October 2014. This was for Ross's contribution to Local Authority work, public service in the advice he has given countless members of the public, and to his service to the Survey Profession. Ross has been an active member and a big contributor to the Branch. We have missed him at our meetings recently due to recent health problems, and look forward to his return.

Editor's Note – Since this report was prepared, Ross Shirley sadly passed away 3 August 2015.

Canterbury

The 2014/15 year has been another busy one for members. The earthquake rebuild as well as significant new residential and commercial land development activity have been key drivers for our high survey workloads.

In addition there have been ongoing challenges in relation to the definition of property boundaries in areas where ground movement has occurred.

The Branch held nine events over the year including several spatial events, a very successful Branch 'breakfast' meeting in March and the official unveiling of the relocated Russley Rd Baseline Monument in May 2015.

The Russley Rd Monument was originally established in 1965 to commemorate the original Baseline Survey of the Canterbury Settlement in 1849. In 2010 the Monuments future became uncertain due to state highway widening work, so the Canterbury Branch embarked on a five year project which has culminated in the relocation of the Monument to Avonhead Park.

In September 2014 a small group of local Surveyors was established to consult with LINZ on proposed solutions for earthquake-related boundary definition. In February 2015 this group was expanded to nine members and became the Canterbury earthquake affected boundaries Working Party, established to represent Canterbury Surveyors and work with LINZ and others

on solutions to determining boundaries in earthquake affected areas.

The Working Party has principally worked on recommendations to the LINZ Sector Leaders Group who, in turn, have developed proposals for consideration by Government Ministers. These proposals include introducing legislation to provide for the location of property boundaries in Christchurch on the basis that they have moved with earthquake related land movements. This is in line with our Working Party's recommendations. If the proposals are agreed to by Cabinet, then legislation will subsequently be introduced to Parliament which could potentially be passed into law in the first half of 2016.

The FIG local organising committee continues to be very busy planning what will be the largest event NZIS has hosted in its 127 year history. NZIS representatives recently attended the FIG Working Week in Sophia, Bulgaria to promote the New Zealand Working Week. While significant work and progress has been made on planning and preparing for the NZ Working Week, there is still a lot more to be done and we are encouraging all members to get involved.

Not surprisingly, the next 12 months are likely to continue to be busy for our members. The rebuild is continuing, our Working Party are beginning work on a 'best practice' guidance, and our FIG organising committee will be busy with final planning, organising and then hosting of the FIG Working Week in May 2016.

South Canterbury

With everyone having very busy workloads this year, branch meetings have been limited over the last twelve months, gatherings include:

- General Meeting 17th September 2014 – Lyndon Telfer and Steven Mydlowski from LINZ discussed the broad picture of improvements that LINZ have been undertaking within the organisation including the new Landonline v3.10 enhancements & practical matters related to the LINZ Cadastral Survey Group. The attendees enjoyed a meal and informal discuss after the presentation. No formal minutes were taken.
- Environment Canterbury (ECAN) Presentation on Land & Water Regional Plan 30th October 2014 – NZIS organised a presentation from Peter Constantine and his staff to give an Overview of L&WRP with a focus on subdivision, land development, stormwater, effluent discharge, infrastructure and relevant Plan provisions. This was open to IPENZ members, Architects and other Local Authority staff. It was well received and concluded with a general question and answer session. No formal minutes were taken.
- General Meeting prior to our AGM on the 28th July 2015

All correspondence continues to be distributed to members via e-mail. Given our geographical location local members would

appreciate more webinars. Our local membership remains small but has sustained double figures. Two new members are anticipated to formally join our branch during the 15/16 year (Sam Elliot – Survey Graduate and Alex Leitch – Survey Technician). Applications will be sent to NZIS in due course.

There have been no significant changes to our financial position. Our account balance has increased in line with membership fees being received.

Glen McLachlan,
Branch Chair

Coastal Otago

It has been a year of slow but steady progress in many respects for the local profession and for us as a branch. On the work front, while the rockstar economy predicted by some may not have been evident to all locally, workloads have been steady without hitting any real highs. The Dunedin City Council second generation district plan (2GP) consultation continues but our involvement as a stakeholder consultation group declined in preparation for notification. We as a branch have been well represented by our 2GP sub-committee and I see their role in the coming 12 months as possibly the most important one within our branch structure as they discuss (and no doubt will submit on) the notified draft plan later this year. I wish to extend our support to these representatives who have the delegated powers to speak on our behalf as the framework for the future of Dunedin City is determined.

I still view the contribution of our university based members as a huge part of our branch's makeup and they bring not only their specialised knowledge to the group but insight and independent approaches in our branch discussions that stir the listening ears of the local practitioners. As I have mentioned before, we are a unique branch with the presence of the National School of Surveying in Dunedin and the role we can play with introducing students to surveyors and surveying. I hope that events such as the pool night, OUSSA quiz night, and the post final exam 'welcome into the profession' function continue as annual events shared but the two organisations. I also thought the initiative to welcome branch members to university seminars last year was very positive and I would encourage members to attend if opportunities such as this exist in the future. There should be no excuses for not getting enough CPD points with the speakers and events we have available to us!

In terms of the health of our branch, we have almost 40 members, some who are geographically separated and working in other local authorities to Dunedin City but probably only half that total number are active in their attendance at meetings and branch events. I would again urge those who have not held a position on the branch executive for some time (10 or more years) to consider contributing some time. Those who have been on the executives while I was both secretary and chair have all had other commitments, some of them very time consuming but I believe

the branch structure is important to the NZIS and a 1–2 year contribution every 10 or so years will share the load adequately.

I would like to claim the Ranfurly Shield win and the Highlanders Super Rugby title as achievements within my tenure as chairman of this branch, but in reality my contribution on those is as an everyday fan. The happenings of this branch and the success of some of our branch's events during this period simply show the ability and skill base that lies within our profession in this province. As numbers go, we are only a moderate sized branch, but as far as responses to head office, contributions to journals, periodicals and circulars go, I believe we are well represented and should not hesitate to speak up given the local expertise.

To close I would like thank the branch executive members I have worked with as I stand down after spanning four terms in this role. As volunteers, they have put in many hours to keep the branch running doing many of the unseen jobs and I thank them for their collective approach and commitment to the Coastal Otago branch. I would also wish the Wellington Branch all the very best as they prepare for the conference in October and would hope that our branch is well represented there.

Mark Geddes,
Coastal Otago Branch Chairman.

Central Otago

Since last years AGM we have had two branch meetings followed by speakers.

At our early Xmas function held in late November, we were treated to a round of mini golf, where the skilled hand and eye co-ordinations of our fellow surveyors were put on display. Let's just say that some got better value for money than others on the cost per put!

Following a meal together, Jim Bazsika from the University of Otago spoke to us on the USA survey system and we saw examples of typical early east coast surveys using descriptive boundaries and then the way surveying evolved with the speed of the expansion west.

At our next branch meeting in late March our speakers were Garth Fallon and Chris Buckler from LINZ who undertake audits on behalf of LINZ throughout the country.

We saw the thoroughness of their selection of both a Class A and Class B survey that were not simple definitions. Examples of checklists and items audited were discussed and ideas to reduce requisition rates promoted.

On the training front, we were able to take part in a seminar on Limited Titles that was held at Northburn Station. A number of examples were discussed and it was interesting to see the differing opinions on how tricky definition issues should be resolved.

March saw the Lawyers and Surveyors get together for a workshop in Queenstown. It was good to put names to faces with

people who we often deal with by telephone but don't usually meet face to face. A number of examples were discussed around tables of both surveyors and lawyers and one thing that seem to come through clearly was the need for lawyers and solicitors to be in contact with each other early, when dealing with complex issues.

Three weeks ago I took part in a teleconference with some other Branch Chairs and the President and CEO. Issues discussed were the Taranaki letter, the upcoming FIG conference, effective branch member communication and the structure of the NZIS.

Most people hadn't looked too hard at the Taranaki letter. I commented that I did agree that the approval process seems to be turning from a solid good survey practice base to more of a business rules model. This has been forced on us somewhat by the functionality of LOL.

Jeff Needham said that if you haven't been to a FIG conference before then he recommended going. He thought that it was far more 'valuable' than a normal conference and to go if possible. The FIG conference is to be held in Christchurch next year in May and that it would be held with NZ, Consulting Surveyors and some Australia state conferences.

Also discussed was the idea of communication methods used to contact members. Twitter was promoted as was Facebook. One member thought that the forum that is within the NZIS page was a waste of time. I had a look later and found it quite interesting, but it was hard to find specific topics.

I commented that I thought the webinars were excellent, especially for members in isolation such as the Central Otago Branch. I thought they were a very cost effective way to gather CPD points and reduced down time on travel.

Summarizing the state of surveying in Central Otago for the past year, the workload has been steady, but the downturn in the dairy sector has yet to be seen. Lifestyle and urban sales have remained steady at least in Alexandra, probably due in part by the heated housing market in Auckland and Christchurch. Queenstown and Wanaka remain busy.

Stuart Calder
Chairman, Central Otago Branch

Southland

The Southland Branch and several individual members have been active throughout the year in making formal submissions and appearing at hearings for the review of both Invercargill City Council and Southland District Council (SDC) district plans. We have also recently met with SDC planning staff and discussed areas of concern.

Workloads have been steady, however our region has probably not experienced the increase in datasets as predicted for the Auckland and Christchurch areas.

Hong Kong

The past year was fairly quiet for the Hong Kong Branch. Membership stands at five, and only three members are active in Hong Kong in the land, engineering and hydrographic fields. Chairman John Barrett is active in all three areas, while TN Wong and Garry McAuslin hold responsible positions in major engineering development projects. Merrin Pearse carries out geodetic consultancy projects overseas, while Branch Secretary, Gordon Andreassend has given up CPD for CPA – continuing professional awareness!

The Branch meets several times each year, and welcomes visitors from the NZIS passing through Hong Kong. VIPs are usually clutched up for a spontaneous gathering.

Ho Wan (Cantonese) = *Kia Ora*.

Gordon Andreassend



REBECCA STRANG: Accidentally- on-purpose a surveyor

I joined Aurecon NZ (then Connell Wagner) in 2000 during my second-pro summer holiday. After writing letters to every Wellington survey company I could find in the Yellow Pages, I considered myself very fortunate to be offered a job as a student surveyor at a company that was well-respected and had a nationwide presence.

During that first summer I finally learned how to plumb a target quickly (that was an exciting day) and got to work on a wide variety of jobs which included the usual topographical, land transfer, as built and telco surveys as well as less typical photo control (mapping) surveys for local Councils and LINZ geodetic contracts. By the time I returned to survey school for my final year in 2001, I knew that I had made the right decision to pursue surveying as a career (rather late in the piece but good to get that confirmation in any case!). I returned to Connell Wagner during my mid-year break for some more essential practical experience then was offered a role as graduate surveyor and started at the end of 2001.

In the early years we had a survey team of ten in the Wellington office, led by Bruce Manners, Mark Goodin and Josie FitzGerald. Vince Belgrave, Jerry Simonsen, Owen Smallfield and Merrin Pearse (all ex-Terralink / DOSLI) were also part of the group and each of these people had their particular strengths, which made for some very valuable learning experiences during those formative years. Working alongside such a range of experienced people meant I got to see the different ways that each individual approached a task. As a result of this I realised that there is often more than one "right" way to tackle a job. We had a really strong culture of sharing knowledge within our team, with in-house technical sessions being run on average once a month and I really looked forward to these.

Photo control and LINZ geodetic control surveys saw me travelling up and down the country with a team of between one and four surveyors. I thoroughly enjoyed these trips out of town, so much that each time resourcing of a new project was discussed

at our weekly team meetings, I would secretly hope it would be me that was "picked". I will never forget thinking I had the best job in the world when standing on top of a hill on a farm in the Coromandel admiring the view. Another highlight was working down in Queenstown and Glenorchy on a LINZ 5th Order geodetic control survey – it was amazing to think we were using the same survey marks established by early NZ surveyors. That is one of the aspects of surveying that will never bore me – I just love the treasure hunt aspect of searching for old cadastral marks.

In those days, Connell Wagner was usually well-represented at NZIS Wellington branch meetings and I enjoyed attending these meetings. A lot of the time, the discussion topics were a bit above my head but if nothing else, it was good to be able to put faces to the names I had seen on cadastral survey plans. I was encouraged to join the branch committee and was soon tasked with organising the catering and drinks for branch meetings. At some point Josie spoke to me about the possibility of forming a group within the NZIS for young surveyors so in 2006, Stacey Spooner, Stuart O'Neill and I formed the NZIS Young Surveyors Group. Our main objectives were to help bridge the gap between graduate surveyors and the NZIS, and to assist grads preparing for the NZIS Acts and Regulations examination by providing study resources and organising study sessions with experienced surveyors. Organising "networking" events in Wellington for YSG members also became one of my areas of responsibility. It was around this time that the YSG began to have an input at NZIS Council meetings.

In 2005 I passed the NZIS Professional Entrance Examination and applied to be a licensed cadastral surveyor. Shortly before that, the survey profession had been de-regulated and the NZIS saw the need to establish a minimum professional standard for NZIS surveyors and so the term Registered Professional Surveyor was born. I will admit to feeling aggrieved at the time that suddenly the NZIS Professional Entrance Examination did not seem to mean as much as it used to, however I also understood the need to distinguish between those individuals who kept their technical skills up-to-date and those that did not.

In 2008 I was fortunate to be awarded the NZIS Bogle Young Surveyor of the Year Award and shortly before that I became NZIS Young Ambassador for FIG 2010, a large congress held in Sydney. I sat in on long teleconferences with the Australian congress

organising team, which included Young Ambassadors from across Australia. My role was to help promote the Sydney event at NZ conferences and the FIG Working Week in Stockholm in 2008. This was a great opportunity to meet other young surveyors and share ideas on how to encourage more graduates to engage with their professional body. It was an amazing experience attending both the Working Week and Congress, both of which had between 800 and 2,000 attendees.

In 2014 I finally achieved RPSurv status, which felt like a very long time coming. In between 2005 and 2014 I had two children with my husband, David, which distracted me from the RPSurv mission somewhat! During that time, Aurecon survey projects changed from traditional land development type work to supporting local and regional authority rail, roading and drainage infrastructure upgrades. I was largely office based by this stage, producing engineering designs in 12d and assisting with verification of survey deliverables. I do recall fondly the time I was perhaps six months pregnant, setting up a total station near the rail complete with short hair and a high-vis vest, when a contractor behind me said "I hope you're not using that thing to stare at women". It was so amusing watching how quickly he disappeared once I turned around with my big belly and said "Now why would I be looking at women?"!

When a role in Aurecon's Auckland office became vacant in mid-2013, we decided it might be a good time for a change, before our eldest child started school in 2014. I have thoroughly enjoyed the move north, getting to know the staff in a different office and most recently the challenge of taking on the role of Auckland-Wellington survey manager. The weather up this way is rather pleasant too.

Being invited onto the NZIS Council as the representative for the Women in Surveying/Spatial division in 2013 was an honour. I will admit it has been a challenge making in-roads as there aren't a large number of female NZIS members and we are fairly well spread across the country. I have very much enjoyed becoming involved with the NZIS once again and aim to continue participating at whatever level is right at the time, depending on family and work commitments.

Professional Streams

Cadastral Professional Stream

The Cadastral Leadership team meets by web-conference on the second Thursday of every month. Members of the Leadership team are:

- Stefan Kiss – Cadastral Professional Stream Chair – Taranaki
- Josie FitzGerald – Communication with Members – Wellington
- Richard Hemi – Student Education Liaison – Dunedin
- Darren Hocken – Knowledge Improvement – Christchurch
- Brian Curtis – Cadastral Stream Homepage – Manawatu
- Trent Gulliver – LINZ Stakeholder Management – Wellington
- Karl Wilton – LINZ Stakeholder Management – Wellington

Business and project worked on during the past twelve months have been wide ranging and include

- Canterbury Earthquake Guidelines – Cadastral Stream was heavily involved in the early response to the release of the proposed guidelines, and receives regular updates on the work of the Canterbury Working Group.
- Establishment of Cadastral Survey Award – work was completed to develop the concept and establish criteria for awarding the annual Cadastral Survey Award. The inaugural winner will be announced at Conference in Wellington.
- Chorus – responding to members concerns about Chorus easement requirements for subdivision developments. A letter was sent to Chorus Head of Access and Consents and this resulted in a working party of Stream Leaders and Chorus executives. Chorus appear to be carrying on with their proposal regardless of our submission, so stream leaders have written to the Law Society who are reviewing the wording of the Chorus Easement docs.
- Ultra Fast Fibre – responding to the Governments (MBIE) consultation on proposed changes to consent requirements for multiple owned land situations (such as rights of ways and unit titles).
- Cadastral Examiner Position – preparing a position description and advertisement for the upcoming vacancies of cadastral examiners for the annual professional entrance examinations.

- Newslink – Assisting Ralph Winmill in preparation of the monthly Newslink article by providing peer review and also in writing several of the articles while Ralph was away overseas.
- Establish a seminar series on improving QA processes for Cadastral Survey Dataset and also a series on Landonline Drafting
- A LinkedIn webpage has been set up for Cadastral Professional Stream
- Held meetings with LINZ management to raise members concerns about plan processing times, this has led to more regular communications from LINZ about the processing times and what is being done to address it
- Drafting a Terms of Reference for establishment of a new NZIS working group to investigate and report on the need for change to Cadastral Survey Act, Regulations and Rules for Cadastral Survey Dataset.
- Several contributions to the Survey + Spatial Magazine

Looking towards next year, the establishment of a working group to review the regulatory environment in which practicing cadastral surveyors operate is a key focus. Continuing to drive for improvement within LINZ and for changes to the Cadastral Survey Rules is a goal and a challenge and we ask all members to do what they can to play a role in achieving that.

Stefan Kiss

Cadastral Professional Stream Leader

Engineering Surveying

The construction industry remains strong, keeping demand high for Engineering Surveying. As a result, the leadership team has been kept very busy by their employers and clients, and meetings with the group have been kept to a minimum. In our last meeting, we discussed the current list of competencies required to become RPSurv and LCS, and we agreed that the majority of Engineering Surveying competencies fall within the current Spatial Measurement category. The current list of competencies can be found on the www.surveyors.org.nz website and search for the "Appendix to 2014–2015 Annual Circular." The leadership group discussed various additions to the list that are specific to Engineering Surveying and the ideas were emailed to all members.

Members and potential members are very interested in the progress that the NZIS Board and Council is making with the

revamped certification model, which will eventually give a title that will be valued by all Engineering Surveyors.

As always, the Engineering Surveyors are keeping a close eye on the new survey tools becoming available. For example:

- The use of UAVs in mapping and volume analysis is now a common place as developments are making the technology more accessible and user-friendly.
- Large scale construction projects are using software tools for smarter ways managing construction data, which includes spatial data. The surveyor will benefit in being literate in the use of such tools.

Thought is being given to the rise of guidelines for surveyors when using these new tools when working in the construction environment.

Currently there are 240 NZIS members of the Engineering Surveying Stream, and 88 members on the "Engineering Surveyors NZ" group on the LinkedIn social media website. All members are encouraged to participate in discussions, and all feedback is appreciated and often fed directly back to the NZIS Board and Council.

Michael Cutfield
Engineering Stream Chair

Urban Design and Land Development Stream

A committee for the stream has been formulated with Phil Cogswell elected as the stream Chair. A Terms of Reference has been developed including objectives, scope, functions and responsibilities. The stream will report on activities in for the first time in 2016.

Spatial Stream

Following its launch in 2014, the NZIS Spatial Professional Stream is growing, with 132 members overall of whom 40 identify with Spatial as their primary stream. The Stream has developed a Work Plan, and has regular committee meetings.

Key focus areas for the past year have included:

- Discussion around defining what we mean by "Spatial", how that fits within the wider NZIS, and how we can best understand the needs of our spatial professional members.
- How to reach out to and raise awareness to those in the spatial community who may have no idea there is a professional body to affiliate to. We are engaging with existing groups such as the NZ ESRI Users Group (NZEUG) and others to bring in members to NZIS and encourage

joiners through promoting NZIS benefits such as training, career progression and certification opportunities.

- How we recognise the changing RPSurv qualification and recognise the professional skills of stream members who are not surveyors.
- Support of events and networking activities including the NZ Spatial Excellence Awards, Spatial Quiz, NZIS Annual Conference and various branch activities.

Some developing areas for the year ahead include:

- Working with spatial business owners to understand how they would recognise value from professional membership, development, and certification of staff
- Developing a competency-based framework for professional membership and certification
- Developing communication channels with members to share information and understand their needs
- Developing better links with NZIS branches through presentations to branch meetings and by bringing in potential new members – this will be happening over time as we gain greater numbers in the regions
- Further outreach and increasing awareness of the NZIS Spatial Professional Stream.

The Spatial Professional Stream Committee includes:

- Kathryn Salm (Chair)
- Greg Byrom (Council Rep)
- Ben Dash (NZIS Regional Branch Exec rep)
- Mike Ladd
- Catherine O'Shaughnessy
- Shane Turk
- Jennifer Ryan
- Elaine McAlister
- Justin Fail.

Kat Salm
Spatial Stream Chair

Hydrographic Professional Stream

The Hydrographic Professional Stream (HPS) currently has 54 NZIS registered Members. The HPS has been moderately active throughout the year and the following list describes some of the activities undertaken.

- Contributions to Stream News for *Surveying and Spatial* Magazine.
- Review of draft NZIS Competency Based Certification Standards.

- Providing NZ input to the SSSI Hydrography Commission National Committee (HCNC)
- Supporting development of the SSSI HCNC video about Hydrographic Surveyor Certification, which follows on from the previous video about Hydrographic Surveying as a Career, (refer youtube: https://www.youtube.com/watch?v=QtlDfp2kmB0&list=UUKtOKV0N9_jH8rVhwql247w).
- Supporting the NZ Branch of the Australasian Hydrographic Society Annual Seminar, June 2015, (Hosted by LINZ in Wellington). The NZ Branch AHS and NZ Industry sponsored 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.
- Supported Hydrographic CPD training webinar provided free to NZIS and AHS members by Trimble.
- The HPS membership includes a number of people who are also members of the NZ Branch of the Australasian Hydrographic Society. In the unregulated NZ hydrographic survey industry the value of being actively involved with the HPS is not clear to some members.

Expansion and sharing of the HPS work load and leadership team in the future will require more activity from HPS membership.

Bruce Wallen

Hydrographic Stream Lead Chair

We will be continuing this theme with a deformation Webinar Hosted by Chris Pearson, Nic Donnelly and Chris Crook. As well a well-supported technical session at the Wellington Conference 2015.

The stream hopes that this will be a continuing topic of discussion for the NZIS conference and the remainder of the 2015 year. And looks forward to contributions on the P&M LinkedIn page (<https://www.linkedin.com/grp/home?gid=6922254>), on topic and discussions on items like the GPS leap second, orthometric heights using GNSS, variations in GNSS observations...

The 2016 Stream theme will be announced at the Wellington Conference in October.

Rachelle Winefield

Positioning & Measurement Stream Chair

Positioning and Measurement

The past year has seen a steady growth and development of the P&M Stream, with membership numbers continuing to climb.

The first committee meeting was held during the Taranaki Conference 2014. It was a great chance to gather together as a stream and establish a working committee. We currently have three committee members, who have been working hard to promote and represent the stream – However, are look to expand on this number with several stream members indicating their interest.

Our annual membership Positioning and Measurement stream has a diverse membership base, located across the country.

One of the challenges facing the committee is ensuring that the stream remains relevant to the membership base. One way of addressing this is having a theme for the year.

The 2015 theme has been "GPS for Cadastral Surveying and Other Purposes". Stream members would have seen stories about this topic, photos of the CORS sites in the Newslink. Survey + Spatial has featured a story on the PositioNZ PP service, and we are expecting a second story on the Future of GNSS in a future edition.

Special Interest Reports

Young Professionals Group

This year the Young Professionals Group (YPG) has built momentum through a time that the Institute has begun to run through the new structure implemented two years ago.

Study groups were again organised to assist those members sitting the February Cadastral Law Exam. To help those candidates that were studying in areas without multiple candidates to form study groups, Skype was used to form study groups via the internet with input from more experienced members of NZIS. We would also like to take this opportunity to thank those who gave up their own time to help with these study groups.

The Professional Entrance Examinations were undertaken by a few YP members and the feedback from the examiners was that the projects and candidates were of high quality. Congratulations to all members who have completed their Professional Entrance Examinations and good luck to those working towards the upcoming November exams.

The YPG executive has held a number of skype conferences throughout the year to attend to issues as they arose. The group has remained active with social and networking events largely due to the branch representatives who have organised many of these events. The major change over the last year has been the increased use of Social Media to connect with our members. The Facebook page has been used to inform members and currently this is being used to expand the knowledge of F.I.G. and the upcoming working week in Christchurch. The YPs on the Working Week organising committee are ensuring that there will be some great activities for YP members to participate in throughout the week. As a group we would like encourage as many of our members as possible to attend this event.

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

Matt Ryder

Women in Spatial/Surveying (WIS)

The Women in Spatial group have had another busy year establishing itself in new regions and organising networking events. We now have groups running in Wellington, Auckland, Christchurch, Hamilton and Napier. In Wellington, events including breakfast meetings, a visit to Stonehenge Aotearoa, a presentation on open

source GIS, and a mid-winter evening were held. Each of these events were all well attended, with numbers ranging between 20 and 50. In Auckland, two events were held which included a presentation by Keri Niven on her interesting career in the spatial profession and one by Nathan Heazlewood from Eagle Technology (currently seconded to Auckland Council). Nathan presented to WIS groups throughout NZ on Careers in the Geospatial Industry and generated much discussion amongst attendees. Catering for these events has largely been made possible by corporate sponsorship meaning the cost to the NZIS has been largely nil. In between events there have been regular committee meetings in various centres to discuss possible events.

Some NZIS members may know that prior to the WIS being made a division of the NZIS, there was already an established Women in Spatial group in Wellington which was originally affiliated with the SSSI. Whilst the group has steadily grown in number over the years, the large majority of the current 233 members¹ are not voting members of the NZIS or aligned with the spatial stream. We have a challenge on our hands in that in order to bring these people into the NZIS membership fold we need to demonstrate that we have something to offer. However for the NZIS to provide quality CPD events we need more voting members – a bit of a chicken and egg situation! In a recent survey by WIS of its members, respondents claimed a lack of knowledge about NZIS and its relevance were the main reasons for not being a member. To help address this, links to the NZIS website and membership information will be posted on the Linked In page.

On the subject of CPD, it is worthwhile noting that NZIS Knowledge Manager Vanessa Delegat has approached several members in the hope of securing speakers for webinars or other training events but has found it difficult to obtain positive responses. As members of the NZIS, we all need to contribute in some shape or form – be this by providing input at CPD events, helping out on branch committees and events, or simply responding to requests for feedback (for example providing CPD topic ideas). Please consider any request to share your knowledge with others!

The Wellington team have done a fantastic job of keeping the Linked In group page up-to-date with notifications of upcoming events, event summaries (see <https://womeninspatial.wordpress.com/> also) and posting interesting articles or links to other websites.

ENDNOTES

- 1 Email database numbers as at August 2015. The WIS LinkedIn group has 207 members.

Consulting Surveyors of New Zealand



CSNZ workshop attendees

It is my pleasure to present on behalf of the Management Committee the activities of CSNZ for the year ended 30 June 2015. The executive members elected at the 2014 Annual General Meeting in New Plymouth were as follows:

Chairman	Geoff Bates of Dunedin
Vice Chairman	Guy Panckhurst of Hawke's Bay
Northern Representative	Neale Faulkner 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 2015 stands at 259 full members and 20 retired members. This represents 186 member firms, being 83% of those eligible.

The highlight of the year was the Annual Workshop which was held in Hamilton in March 2015, convened by Grant Ruffell and event managed by Fiona Lysaght. Workshop provides an opportunity for members to attend forums specifically focused on practice and personal needs as opposed to professional development seminars addressing surveying and technical matters. New friendships are often made while old ones are renewed. The 2014 initiative of allowing attendees to bring with them an invited guest was continued. The programme also included the opportunity for partners to participate. This proved to be very well received and a value added initiative.

Workshop attendees were enlightened on the SG Guidelines/ Canterbury Earthquake Rules by a discussion forum lead by Carl Fox, Mark Allan, Jeff Needham & Mark Dyer where business liability, social responsibility, technical land interest issues and our Institutes position were all discussed.

With spatial membership in mind, Scott Campbell, the chairman of SIBA, was invited to observe what our workshop represents, as we are all in business together.

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. Following consultation with our membership, a proposal to realign our rules with the NZIS constitution and modern practice, along with a change to the structure of the CSNZ fee model from individual to corporate, based on company turnover, were passed by resolution at a Special General Meeting at Workshop.

Workshop 2016 will be held in conjunction with the FIG working week in Christchurch with planning now underway with Carl Fox and Fiona Lysaght working with the local organising committee.

The Management Committee continues to maintain a close link with our National School of Surveying and I am fortunate to have a strong positive relationship with Christina Hulbe, Dean of School. The 2014 CSNZ Scholarship for the National Diploma in Surveying was awarded to Jeff Macphail of Landlink, Wellington. Application forms for the 2015 scholarship are available on the website or from the Secretary and close on 1 December 2015.



Delegates visiting Hobbiton

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. Area reports suggest that workloads are increasing in most regions and across most work streams which is certainly encouraging to the extent that demand is outstripping supply in a number of regions.

In conclusion, I would like to thank the members of the Management Committee and our secretary Liz Blake for their ongoing support and efforts on behalf of CSNZ members.

Geoff Bates
Chairman

NZIS Interaction with Cadastral Surveyors Licensing Board of New Zealand (CSLB)

The Institute continued to maintain a close working relationship with the Board on behalf of its members during the year. The Board accepts a pass in the cadastral survey components of the Institute's Professional Entrance Examinations as meeting its competency standards for the issuing of a Cadastral Survey Licence. A representative of the Board attends the Institute's Professional Entrance Examinations to monitor the conduct of the examinations. The NZIS will be working closely with the Board when it develops the new professional certification processes currently under consideration.

The surveying profession is represented on the Board by its nominees Brett Gawn, who Chairs the Board, and Vicki Nalder. There are two other NZIS members, Tony Nikkel and Merryn Maguire, on the Board who are nominated directly by the Minister, and another NZIS member, Neale Faulkner, is the substitute member.

The Board licensed 662 surveyors in the 2013/14 year and 664 in the 2014/15 year. This is the first increase in some years and it is pleasing to see the surveyors are able to respond to the needs of the market for licensed cadastral surveyors.

The Board's annual reports, Standards and other information can be found on its website www.cslb.org.nz.

University of Otago

STUDENTS

A total of 57 students graduated in the Aug 14/Dec 14/May 15 ceremonies, including two First Class Honours and five Distinctions. The upcoming graduating class will be smaller, after which the number of graduates will return to recent levels.

The number of students eligible and the number of students accepted into the 1st Professional year of the BSurv were above recent levels for the 2015 entry. The 40th Intake included a total of 74 students, 62 of whom were normal admissions and 10 of whom applied with external entry qualifications (of whom three were accepted into the BSc(SURM) degree and one into the Graduate Diploma). Twenty-four applications were declined. The average grade for students accepted into the BSurv was a B+. Twelve entrants are women, 15 identified their ethnicity as non-NZ, and 5 identified as Māori. The largest number of students were from the Canterbury region (24).

Two students were admitted into the third and fourth year of the BSurv.

About 90 students are in the SURV101/SURV102 first year sequence this year, down from last year but similar to the rest of the 2010s.

The number of students taking up an Honors Thesis is again very low this year (one). Overall, this is the case because students do

not see the value in the additional thesis work relative to future employment.

STAFF

Dr. Robert Odolinski was hired as Lecturer in geodesy and geospatial science. He jumped right in, taking the leadership role in teaching SURV302, *Geodetic Reference Systems and Network Analysis*, first semester. Robert's current research focus is on combining different countries' Global/Regional Navigation Satellite Systems (GNSSs/RNSSs) for precise positioning, which gives significant benefits particularly in low-elevation multipath affected areas where higher than customary elevation cut-off angles are necessary to use.

We advertised and re-advertised the PPF position in GIS and Geospatial Analysis this year and are currently soliciting letters of reference for 7 of the 45 applicants from the second round.

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. We hosted schools advisers during a visit to Otago, presenting on options in hydrographic surveying and geospatial science, participated in Tertiary Open Day, Hands on Science, and a Day in the Life of a Surveyor activities on campus.

CURRICULUM

The coursework Masters in Applied Science-GIS (MAppSc-GIS) is attracting students and represents a significant opportunity for growing our postgraduate cohort.

We have been working with the UK Marine Learning Alliance (<http://www.mla-uk.com/>) in the development of field papers that will be offered as part of the Hydrographic Academy course and as Otago papers for our own students. Emily Tidey, Lecturer in hydrographic surveying, is leading this effort.

Ethics and Complaints

NZIS continues to receive regular enquiries and complaints regarding surveyors and survey firms from the public however for the vast majority no prima facie case is established the majority do not progress beyond the initial enquiry level.

12 ethical enquiries were not progressed due to cases being unproven. One warning was issued by the Ethics Committee and one hearing was held during the 2014/15 period. Where lessons can be applied all hearings are published.

On many occasions enquiries with NZIS seem to arise where there is an absence of appropriate terms of engagement as part of the contracting process.

Royal Society

There are no items regarding the Constituent Societies that will affect the NZIS. The next meeting will be in November 2015.

Report on the FIG Working Week in Sofia, Bulgaria May 2015



A small contingent of NZIS members supported by several from the LINZ team attended the FIG Working Week in Sofia, Bulgaria in May this year.

This event was an essential opportunity to market to the European surveyors on the value of attending the Christchurch Working Week this was a very interesting location to visit as well as the a need for the NZIS to sign off the final details with the FIG management for the FIG WW 2016 being held in Christchurch.

Approximately 900 delegates were registered from 70 countries with three full days of paper presentations and technical tours on the programme.

The NZIS had a presentation stand in the main lobby of the venue and the combined NZIS/LINZ team worked tirelessly over the 5 days to meet with every delegate possible and promote WW2016.

There was an extremely positive response throughout the week with many people indicating they were already planning their travel with intentions of extending their visits to include holidays and site seeing.

Included within the formal proceedings of the WW2015 in Sofia was campaigning and voting on the host nation for WW2019. Candidates from Dublin, Nairobi, Geneva and Hanoi were vying for the rights much like NZ had done in 2012. Jeff Needham and Dr Zaid, President of PEJUTA, Malaysia were appointed Tellers for the voting which resulted in a split vote. Following a second vote Hanoi, Vietnam was declared the winning bid.

NZIS hosted the closing ceremony function at the end of the General Assembly on the last day with NZ wines and local beer. The nibbles we provided were as close to New Zealand cuisine



Prof. Rudolph Staiger FIG Executive President, Jeff Needham, NZIS President, Dr Chrissy Potsiou, FIG President and Simon Ironside.

that could be found with many promises made by the team to delegates about the quality of our hosting when they come all the way around the world for WW2016.

In line with the highly positive responses we have received at other FIG events the African nations are very keen to attend in Christchurch, there is a huge surveying fraternity across Africa supported by the exploration and mining industries, with many delegates indicating they will be attending WW2016.

This was a very successful event for the NZIS with strong relationships built with the new FIG President Chrissy Potsiou and the FIG Council and ACCO the Commission Chairs Committee.

The outcome from WW2015 in Sofia is very positive with many of our international friends indicating they'll be turning up with high expectations looking forward to true Kiwi hospitality.



Bulgarian FIG President handing over the FIG flag to Jeff Needham, NZIS President.

New Plymouth Conference 2014



If one word were to describe this year's conference in New Plymouth it would be 'variety'. It was very satisfying to see such a wealth and variety of topics and information being shared. And it was heartening to see members and delegates embrace new ideas and concepts and celebrate the diversity and unity between surveying and spatial activities.

This was evident in such presentations such as 'Maori Land 2034' from Dion Tuuta, the CEO of Parininihi Ki Waitotara (PKW) – the largest milk supplier to Fonterra in the region and the Building Information Modelling (BIM) presentation and case study.

Dion gave a fascinating insight into how it is the past transgressions and history that are the drivers of their future land strategies and how they are looking to purchase back valuable, productive land that was confiscated many years ago – all for the benefit of their Iwi.

Some excellent presentations showed how spatial technology is being used by engineers, planners and surveyors to augment their design processes analytically and visually. Surveyor-General, Mark Dyer introduced the 4th Dimension of time in his keynote speech along with LINZ brand – "The Power of Where".





Jon Williams and Richard Harrison, both from Beca and Mark Nicols from Trimble also provided a view of the future where BIM will be vitally important to the profession as the country moves towards options such as 3D cadastre and the next phase of Landonline development. The Integrated Project Delivery model allowed by BIM will see the removal of contractual barriers – structured metadata is changing the dynamics of traditional supply chain for designers, architects, engineers and facility managers.

All NZIS Gold and Diamond partners and sponsors were well represented during the event and were on hand to meet members and provide advice.

Ambrose Blowfield, Director of our newest Diamond Partner, THE Marketing Company, gave a dynamic and fast moving insight into key marketing activities that can be immediately implemented by members to help grow business whilst on Saturday night Diamond Partner Glenn Stone Insurance hosted the social finale – the Masquerade Dinner – in a stunning setting at the TSB Showplace Theatre Royal.

Following on from the inaugural breakfast last year in Dunedin, the NZIS Professional Women's breakfast was well attended as was the Young Professionals' Breakfast where Richard Bain, a renowned New Plymouth landscape designer, gave a local perspective and a fascinating insight into the thinking and strategies that have made the coastal walkway so popular to locals in New Plymouth.



Education's loss – surveyors' gain!

Barry, originally a Southlander, gained his secondary school education at St Kevin College, Oamaru. Following this was a stint at Dunedin Teachers College where he eventually decided that he wasn't cut out for teaching.

Heading to Wellington, he became a Public Servant when he joined the Ministry of Transport in August 1971. From this time Barry, held many varied and interesting roles within the public service. As Secretary of the *Air Services Licensing Authority*, Barry became involved in the economic licensing of air services that was required at the time followed by a variety of positions including advisory officer in the *Air Services Policy Branch* and Investigating Officer in the *Flight Operations Branch of the Civil Aviation Division*.

Moving into public relations, he held several roles starting with Senior Advisory Officer in the *MOT Public Relations and Advisory Services Section* which was responsible for PR and ministerial servicing. This was followed by a three year stint as a Private Secretary in Parliament and an 18 month appointment as Acting Chief Executive of the *NZ Ports Authority*. Returning to the *Ministry of Transport*, Barry was appointed Manager Corporate Relations.

Barry also spent time as a Project Coordinator at the *NZ Fire Service* and then as a Senior Advisor in the Corporate Coordination Section of the *Ministry of Health* where he oversaw responses to official information and privacy requests.

In October 1999 Barry was appointed as the first full-time National Manager of the NZ Institute of Surveyors, a position he occupied up until August 2012. For much of that time the Institute's staffing resources were limited to two, and in latter years, 2.5 people, so Barry had a wide-ranging role.

This included servicing Council and a number of its committees such as the Executive and Complaints and Publications Committees. Barry also was responsible for administering the Professional Entrance Examinations. Having attended some



Barry doing what he loves

50 plus meetings of the Council, some might consider this a "punishment" but Barry was particularly proud of producing the official record of all of these meetings which he believed were an excellent means of keeping the members informed. In addition to his official duties, Barry was also editor of the NZIS publications *Newslink* and *Survey Quarterly* at various times.

Barry served the NZIS during a period of immense change to both the institute and the surveying profession. This included re-regulation of the profession and the advent of *Landonline*. Serving under a total of 7 Institute Presidents, Barry underpinned much of the work of the NZIS for over 15 years and made a significant contribution towards furthering the aims of the Institute and the surveying profession.

Barry has a great love of tramping and spends as much time as he can in the outdoors.

CITATION

It was resolved by the NZIS Council in recognition of Barry's services to NZIS, that he be awarded an Honorary NZIS membership at the AGM in October 2015.

NZIS Fellows Nominations 2015

John Jeffery Carter of Wanaka

Nominated by:

Mark Allan	Voting member
Geoff Bates	Voting member
Bart Yetsenga	Voting member
Guy Panckhurst	Voting member

Nomination is approved and supported by the NZIS Council.

BACKGROUND

John has been nominated in recognition of his contribution over many years in NZIS service. During this time, has given service to the management committee of the Consulting Surveyors of New Zealand (CSNZ), to the Consulting Surveyors Quality Corporation (CSQC) and to the membership as a mentor and leader in his chosen profession.

John was brought up on a sheep/beef farm in the South Waikato and was educated at New Plymouth Boys High School. He started work with the Lands & Survey Department in Hamilton at age seventeen where he worked for three years as a survey draughtsman before heading south to Dunedin to attend Survey School.

John graduated 3 years later with a Dip Surveying and then after 2 years with Lands and Survey in Hamilton he became a Registered Surveyor. After a year spent travelling and working in UK and Europe John joined McPherson & Goodwin in Hamilton in 1974. This was the beginning of his career as a Consulting Surveyor. John has been self-employed ever since.

In 1976 he was invited by Peter McPherson and Graeme Goodwin to join them and Geoff Gibbs as a Partner in Te Awamutu. John bought out the other partners 2 years later. David Latham joined the firm and it was renamed to Carter Latham.

Carter Latham subsequently merged with Jellie and Keucke in Hamilton in 1988 to become Carter Keucke & Latham. The two Waikato offices were maintained after the merger and the company name was shortened to CKL Surveys.

The 1990's were a busy time of expansion for CKL resulting in the opening of branch offices in Auckland and Wanaka and the firm growing from 4 to 65 staff over 15 years.

John sold out of CKL in 2006 although he maintained an interest in the Wanaka practice of Southern Land for several years afterwards. John continues to work as a sole practitioner trading as Meridian Land Development Consultants.

Key projects include the design, contract administration and survey inputs for large residential subdivisions in Te Awamutu, Hamilton, Auckland and most recently Wanaka. John's main interest

in the past 20 years has been land development engineering and cadastral surveying.

John served on the Executive Committee of the Waikato Branch of NZIS for several terms until his focus changed to CSNZ. He has been a member of CSNZ almost since it was inaugurated in 1973 and he has served for 20 years on the Management Committee including two years as Chairman and as invited member to NZIS Council. John has missed only one CSNZ Workshop in the past 24 years and has recently stepped down from Management Committee in October 2014.

In 1993, the spatial industry established CSQC as a specialist quality assurance certifying body for the spatial information industry. In 1995, Consulting Surveyors New Zealand purchased equity in CSQC and its operations were expanded to include New Zealand.

John has been on the Board of CSQC for 10 years and he continues to serve as Treasurer. He has had considerable input into raising the standards of Quality Systems in survey practices throughout NZ. Draft QA systems have been prepared and made available at minimal cost for practices to implement as a means to improve consistency in survey plan datasets and to improve practice management and business systems.

Outside of surveying John has a strong interest in motorsport which led to him competing in many car rallies in the 1980's including twice competing in Rally NZ in 1982 and 1983 and the 21st Anniversary Silver Fern Rally through both North and South Island in 1991.

John has an even stronger interest in flying that commenced with flying lessons at Taieri Aerodrome while on Field Camp at Survey School. A Private Pilot's Licence led to many years of fixed wing flying including setting up and running a small aerial photography business – Waikato Air Surveys in the 1980's. John's interest in flying changed to helicopters in 1998.

I have been fortunate to have worked with John for many years on the CSNZ Management Committee. John is passionate about the roles and responsibilities of Consulting Surveyors and the reputation of our profession. He has worked tirelessly to ensure that we are a recognised, well represented and respected profession.

John has derived considerable satisfaction over the years from having encouraged and mentored many young people to join the survey profession, with a number of them now being principals in various practices throughout NZ and of course members of CSNZ and NZIS.

John has influenced the careers of many young and not so young professionals during his career and he is a respected and sought after professional.

Jeffrey Alan Needham of Wellington

Nominated by:

Andrew Stirling	Voting member
Daniel Williams	Voting member
Mark Allan	Voting Member
Simon Jellie	Voting Member

Nomination is approved and supported by the NZIS Council.

BACKGROUND

Jeff first joined NZIS in 1994 and is someone who quickly stood out for his commitment to his chosen profession.

His early professional experience came from employment with the Lands and Survey Department, Murray North and Natural Gas Ltd in the Waikato. During this time he gained his NZ Certificate in Land Surveying and later completed a Bachelor of Surveying in 1993.

After university Jeff held positions in Te Aroha and Orewa during which time he gained the experience necessary for registration which he achieved in 1997. He was duly awarded the Percy Dyett Prize for Best Engineering Plans

In 1999 Jeff moved to Wellington taking up the role of NZIS Stakeholder Representative on the developing Landonline project. He was subsequently appointed Customer Strategy Manager in 2002. During this time of significant change and challenge for the profession, Jeff had the opportunity to travel the country, talking to surveyors about what was needed in Landonline and he ensured that the profession was well represented in the implementation of this world-first automated survey and title registration system.

In 2002 Jeff travelled to Washington to present a paper to the FIG XXII International Congress. His paper was titled *The Benefits of Stakeholder Involvement* and was based on his experiences with the Landonline project.

Since returning to professional consulting in 2005, Jeff has held positions as Principal with Tse Group and Spiire NZ Ltd in Wellington and consulted on a national radio backbone for TeamTalk Ltd. Jeff was appointed to the role of Land Development Manager at Harrison Grierson in Wellington and now holds the position of General Manager – Survey.

He was appointed to the NZIS Council in 2007 where he took on responsibility for the Membership Services Committee and served on a number of Boards of Enquiry. Jeff was voted President-Elect in 2012 and served as Vice President and then as President from 2013.

During his period of service to the NZIS Jeff was a key part of change for the profession including the development of the *Way Forward 2013*. Jeff has made a significant personal contribution to leading the step change that has occurred in the culture,

structure and function of the NZIS. These changes have been essential to maintaining the relevance of the profession and positioning the NZIS as the body that now supports surveying and spatial professionals. A key success during this period has been the transformation of the National Office that has the capacity and specialist skills to proactively support the objectives set by NZIS Council and Board.

Over his time on Council and as President, Jeff has been involved in the NZIS responses to Canterbury Earthquake challenges, he has represented NZIS on panels and working parties seeking to define the future of the cadastre for New Zealand and remains an advocate for building relationships with international professional organisations such as FIG, SSSI and ISNSW and ISVic.

Next year the NZIS will host the FIG Working Week in Christchurch which Jeff has strongly advocated for, having travelled to numerous international events in recent years to share the message with international colleagues. This event will be the largest professional conference in NZIS history following on from the *Surveying and Spatial Science Congress* held in Wellington in 2011 where Jeff was Co-convenor. For Jeff, these events are evidence of the NZIS taking a leadership role in the New Zealand professional community, with the net benefit of creating profile and status for the profession.

Over the last eight years Jeff has served on NZIS Council and is now coming up to the completion of a challenging term as NZIS President. Over this period of time Jeff has demonstrated his knowledge, commitment and passion for the role of NZIS to anyone he has come into contact with.

He has been an excellent leader for NZIS and has recognised and taken opportunities to advocate for the skills of our members and the value that surveyors and spatial professionals can provide to NZ.

Jeff has offered his continuing support to the incoming President and NZIS objectives where he can and a couple of smaller roles will continue. Harrison Grierson have been very supportive of Jeff during his Presidency over the last two years.

Jeff lives in Wellington with daughters Abby and Holly and his wife Carleen, who is herself a well known NZIS supporter. Jeff's family have strongly supported him during his commitment to NZIS duties and the family are now about to start building a new house in Wellington, quite close to the NZIS office, as it happens. No doubt NZIS will be able to rely on Jeff Needham for a few more things yet.

Rest in Peace

OBITUARIES

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

Edwin (Ed) Miller, Auckland

David Cook, Auckland

Donald Murray Swift, Whangarei

Robert Rowe, Auckland

Kevin Walsh, Hamilton

Robert Rowe, Auckland

John Cotton (April 2014)

Ross Shirley, Nelson.



Pictured L-R. Dave Ward, Owen Amor, Simon Jones, Graeme Haymes, Ross Shirley, Paul Newton, Tony Nikkel, Prof John Hannah

The McRae Award recognises individual effort by a member for the good and benefit of the Institute or its members and is awarded to Ross Dempster Shirley of Nelson.

Ross attended Southland Boys High School and then started study at Otago University in 1965. He graduated from Survey School in Dunedin in December 1969 with a Diploma in Surveying.

Ross then moved to Rotorua to work for Don Speedy in the Surveying Section of the Forest Service. He completed the relevant experience and further study to proudly obtain the professional qualification of 'Registered Surveyor'.

With recent NZIS restructuring the 'Registered Surveyor' title lost a little of its sheen. However Ross has always considered himself to be a 'Registered Surveyor' and reflecting the true professional that he is, Ross is still well and truly proud to be on the Register!!!

In 1973 Ross and his young family transferred to Nelson where his main role was project surveyor to the Beech Scheme, a large afforestation project planned for the West Coast, South Island. As part of that project Ross established 190 control points to 3rd order standards, mostly in remote and bush clad locations.

In 1976 Ross moved to Fiji to take up the position of Project Surveyor to the Fiji Pine Commission which was an aid project to provide a commercial forestry operation for Fiji. The aim of the Commission was firstly to provide work and income for the indigenous Fijian and secondly to conserve Fiji's native forest. Ross established a network of control points over the proposed forest areas to provide a base for photogrammetric mapping and also as a base for establishing the boundaries of the land. Being an aid project staff training was also a priority for Ross's time with the Commission.

In 1979 Ross returned to Nelson where he held the position of Conservancy Surveyor, NZ Forest Service. Ross was very well respected by his staff and peers and his name appears on many cadastral and control plans throughout the Nelson District. During that period Ross took the opportunity to mentor young surveyors whenever possible.

On the demise of the Forest Service in 1987 Ross established his own business as a survey and property consultant. In 1991 he was engaged by the Tasman District Council to clear a backlog of subdivision applications prior to the introduction of the Resource Management Act – a job that morphed into a full time position as Subdivision Officer and a job that he held until his retirement in 2014. It is not possible to enumerate the countless individuals Ross helped during his time at the Council.

Ross has been a member of NZIS throughout his working life and has continued to be an active member of the Local Authority Surveyors Group of NZIS. He has long been an active member of the Nelson Marlborough branch and has also held the position of chair and secretary. There are very few meetings that we can remember that have not been attended and contributed to by Ross.

Ross always has the good of the profession in mind. He has added considerable value to Branch meetings and promoted healthy, informed discussion and debate.

The local survey community has been very fortunate to benefit from the free and frank advice Ross has given on planning matters and any other Council issues that have had the potential to impact on local members. This advice has been provided during branch meetings and on a professional level during dealings with Ross as a Council officer.

Ross has been a champion of the Surveyor over the years and has lobbied Councillors and staff about the value of the survey profession whenever the opportunity arose.

It is often hard to quantify what makes people stand out but in the end comes down to them having the 'Right Stuff' and the 'Good Bloke' factor. Ross certainly goes off the scale on both these scores.

Ross is indeed a worthy and deserving recipient of the McRae Award.

It is with sadness that we note since this career story was prepared, Ross Shirley passed away on 3 August 2015.

Audit and Risk Report

The Audit and Risk Committee met in advance of each of the NZIS Board meetings in the 2014/15 Financial Year.

The committee comprising Jeff Needham (Chair), Andrew Stirling, and Graham Wigley (Retiring) and Lynda James (Independent NZIS Board Member) is 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 is pleased to support the financial results reported in this Annual Report and notes that an improved overall position has been achieved with an end of year surplus of \$21,688 against a budgeted surplus of \$20,346.

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

- Cash flow management has been exemplary with no surprises of note which has been a foundation element to the final position for financial year
- The effective function of the Risk Matrix through the year has ensured that appropriate attention has been applied to areas that required the most attention and as a consequence the resources of the NZIS are being put to best use

- The contribution of the independent members of the board is noted by the committee as a significantly positive influence and endorses their ongoing membership

The committee commends the CEO with respect to active management of all financial aspects which has resulted in this excellent outcome. The clean independent auditors report of the accounts endorses the controls and processes in place to ensure the financial position of the NZIS is well managed and controlled to ensure a sustainable future.

The Chair thanks Mr Graham Wigley for his contribution to the Audit and Risk Committee, it has been of high value to have an independent members input to the oversight of financial running of the NZIS and due to the quality of his contribution a new independent member – Mark Goodin, has been sought and confirmed by the Board as his replacement.

Jeff Needham
Chair



NZIS

New Zealand
Institute of Surveyors
Te Rōpū Kairūri o Aotearoa

Financial Statements

New Zealand Institute of Surveyors
For the year ended 30 June 2015

Prepared by Pocock Hudson Limited



Grant Thornton

Independent Auditor's Report

Audit

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To the Members of New Zealand Institute of Surveyors

Report on the financial statements

We have audited the financial statements of New Zealand Institute of Surveyors on pages 5 to 12, which comprise the statement of financial position as at 30 June 2015, 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 council 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.



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 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 New Zealand Institute of Surveyors as at 30 June 2015, and its financial performance, for the year then ended in accordance with generally accepted accounting practice in New Zealand.

A handwritten signature in black ink that reads 'Grant Thornton'.

Grant Thornton New Zealand Audit Partnership
Wellington, New Zealand
31 July 2015

Statement of Financial Position

New Zealand Institute of Surveyors
As at 30 June 2015

	NOTES	30 JUN 2015	30 JUN 2014
Assets			
Current Assets			
ANZ Bank Accounts		12,590.34	23,874.72
Accounts Receivable		29,355.51	9,671.77
Forsyth Barr Cash Management Accounts	2	45,255.12	11,925.63
Petty Cash		100.00	100.00
GST Receivable		-	15,046.39
Prepayments		49,347.14	15,161.04
Taxation		759.94	-
Total Current Assets		137,408.05	75,779.54
Non-Current Assets			
Fixed Assets	6	9,613.62	10,842.09
Investments			
Forsyth Barr Portfolio		379,243.95	382,859.40
Total Investments		379,243.95	382,859.40
Total Non-Current Assets		388,857.57	393,701.49
Total Assets		526,265.62	469,481.03
Liabilities			
Current Liabilities			
Accounts Payable		83,949.57	94,529.82
GST Payable		9,143.35	-
Taxation		-	4,950.54
Income Received in Advance	4	76,484.00	35,000.00
Total Current Liabilities		169,576.92	134,480.36
Total Liabilities		169,576.92	134,480.36
Net Assets		356,688.70	335,000.67
Accumulated and Special Funds			
Accumulated Funds at Year End		351,388.70	329,700.67
Special Funds			
Bogle Award		500.00	500.00
Fulton Bequest		500.00	500.00
Percy Dyett Award		900.00	900.00
Research Scholarship		1,200.00	1,200.00
State Sector Award		2,200.00	2,200.00
Total Special Funds		5,300.00	5,300.00
Total Accumulated and Special Funds		356,688.70	335,000.67

J Needham - President

Date

31 July 2015

The accompanying notes form part of this financial statement



PocockHudson

Statement of Financial Performance

New Zealand Institute of Surveyors
For the year ended 30 June 2015

	NOTES	2015	2014
Income			
Commercial Income		60,891.44	37,069.57
Conference Income		165,598.09	41,562.75
CPD/Training Income		127,141.68	63,154.26
Forsyth Barr Investment Income		38,476.73	42,975.39
Members Fees NZ		440,692.39	379,892.88
Members Fees Overseas		10,230.64	11,987.67
NZSEA Income		58,670.87	-
Professional Examinations		22,550.00	17,461.00
Publication Advertising		27,872.67	24,198.59
Rent Received		-	14,501.76
RP Surv Fees		88,472.39	103,450.00
Sundry Revenue		2,545.55	21,117.87
Training Levy		38,699.99	-
Total Income		1,081,842.44	757,371.78
Total Income		1,081,842.44	757,371.78
Expenses			
ACC Levies		1,188.03	1,048.40
Accounting & Xero Fees		3,594.99	9,731.59
Annual Conference & AGM		148,044.46	6,629.95
Audit Fee		5,951.25	6,500.00
Awards		1,433.92	2,004.38
Bank Fees & Interest		2,860.37	2,792.01
Board Costs		11,999.55	9,054.92
Branch Delegate AGM Expenses		1,894.33	4,979.65
Branch Fees		16,310.21	15,039.77
Commercial Expenses		4,536.23	1,976.57
Committee Expenses		1,998.02	1,326.85
Communications		1,108.12	4,042.50
Consultants		259.13	12,250.77
Council Costs		40,907.15	35,200.64
CPD/Training Expenses		51,030.34	44,069.69
Credit Card Costs		7,087.55	-
Depreciation	6	4,498.20	6,768.31
Division Support		260.84	164.35
Donations		-	2,000.00
FIG 2016 pre event costs		47,166.22	1,546.69
Insurance		3,701.87	3,837.77
KiwiSaver Employer Contributions		11,878.30	10,795.51
Legal Fees		11,815.84	22,442.13
NZSEA Expenses		58,670.87	-

The accompanying notes form part of this financial statement

Statement of Financial Performance



	NOTES	2015	2014
Office Expenses		12,075.69	21,899.27
Portfolio Management Fees		4,106.07	4,343.11
Postage & Courier		3,195.93	5,051.46
Power		1,466.33	1,685.45
Printing & Stationery		5,403.82	10,411.60
Professional Examinations		11,309.45	15,581.72
Professional Streams		2,805.22	400.00
Publications		52,664.38	58,739.75
Rent		34,424.31	47,000.04
Research & Development Bursaries		3,000.00	-
Salaries & Wages		438,351.40	387,511.39
Subscriptions NZ		912.40	530.31
Subscriptions Overseas		8,256.99	8,916.81
Telephone & Internet		8,425.61	7,478.81
International Travel & Accommodation		8,783.07	19,879.03
Website Expenses		27,632.79	28,474.08
Total Expenses		1,061,009.25	822,105.28
Net Profit (Loss) Before Taxation		20,833.19	(64,733.50)
Taxation and Adjustments			
Income Tax Expense	5	(854.84)	4,309.52
Total Taxation and Adjustments		(854.84)	4,309.52
Net Profit (Loss) for the Year		21,688.03	(69,043.02)

The accompanying notes form part of this financial statement



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Statement of Movements in Equity

New Zealand Institute of Surveyors
For the year ended 30 June 2015

	2015	2014
Equity		
Opening Balance	335,000.67	404,043.69
Increases		
Profit for the Period	21,688.03	(69,043.02)
Total Increases	21,688.03	(69,043.02)
Total Equity	356,688.70	335,000.67

The accompanying notes form part of this financial statement



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Notes to the Financial Statements

New Zealand Institute of Surveyors For the year ended 30 June 2015

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 1908.

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

Changes in Accounting Policies

There have been no changes in accounting policies. Policies have been applied on a consistent basis with those of the previous reporting period.

The External Reporting Board has delayed the transition for the application of the new Financial Reporting Framework for Not for Profit Entities to periods starting after 1 April 2015.

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.

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 Statement of Financial Performance.

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.

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.

Goods and Services Tax

All amounts are stated exclusive of goods and services tax (GST) except for accounts payable and accounts receivable which are stated inclusive of GST.

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.

Income Received in Advance

Income received in advance in relation to events held in future years is held on the Statement of Financial Position. This includes deposits for the Annual Conference in October 2015 and also FIG Working Week 2016 to be held May 2016. Funds held for the Local Authority Surveyors Group are earmarked for the support of NZIS projects. Amounts held are stated in Note 4.

Investments

Investments are carried at market value.

Leased 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.

	2015	2014
2. Short Term Deposits		
Forsyth Barr - NZD Account	41,397.40	8,738.21
Forsyth Barr - AUD Account	2,966.58	1,431.35
Forsyth Barr - GBP Account	881.14	1,756.07
Total Short Term Deposits	45,255.12	11,925.63

	2015	2014
3. Investments		
Auckland International Airport - 3,840 Ordinary Shares	18,950.40	22,148.10
AGL Group	-	26,934.80
ASB Capital Limited - 38,000 Preference Shares	33,022.00	33,782.00
British Empire Securities - 2,600 Ordinary Shares	30,262.79	25,233.35
BHP Billiton	-	27,633.25
CBA Capital	-	24,750.00
Fletcher Building Limited - 2,380 Ordinary Shares	19,325.60	20,967.80
Suncorp Group Limited - 1,081 Ordinary Shares	16,499.41	15,779.15
Freightways Limited - 5,060 Ordinary Shares	29,348.00	25,806.00
Chorus Limited	-	8,801.66
Ryman Healthcare Limited - 3,367 Ordinary Shares	26,666.64	28,787.85
Trade Me Group Limited - 2,650 Ordinary Shares	8,983.50	9,222.00
Skellerup Holdings Limited - 12,400 Ordinary Shares	16,120.00	21,700.00
ANZ National Bonds - 25,000 Notes	25,427.50	24,700.00
NZ Post Group Finance - 30,000 Notes	31,344.25	30,226.65

Contact Energy Limited - 2,770 Ordinary Shares	13,877.70	14,708.70
Z Energy Limited - 2,857 Ordinary Shares	16,713.45	11,199.44
PM Capital Global Opportunities Fund - 10,000 Ordinary Shares	11,592.23	10,187.58
PM Capital Global Opportunities Fund - Option	-	291.07
Brambles Limited - 1,015 Ordinary Shares	12,227.53	-
Ramsay Health Care - 194 Ordinary Shares	13,552.88	-
Lend Lease Group Stapled Securities - 700 Units	11,957.04	-
Lloyds Banking Group Plc - 10,500 Ordinary Shares	20,814.42	-
Worldwide Healthcare Trust Plc - 510 Ordinary Shares	22,558.61	-
Total Investments	379,243.95	382,859.40

2015 2014

4. Income Received in Advance

Local Authority Surveyors Group	5,000.00	5,000.00
NZSEA Funds Held	11,110.22	30,000.00
Annual Conference Deposits	19,550.00	-
FIG 2016 International Federation of Surveyors	40,823.78	-
Total Income Received in Advance	76,484.00	35,000.00

2015 2014

5. Income Tax Expense

Net Profit on Investment Income		
Net Profit on Investment Income	18,857.00	24,324.00
Total Net Profit on Investment Income	18,857.00	24,324.00
Taxable Profit (Loss)	18,857.00	24,324.00
Tax Payable at 28%	5,279.96	6,810.72
Deductions from Tax Payable		
Dividend Imputation Credits	2,501.01	2,876.12
Tax Penalties	(521.92)	(374.92)
IRD Tax Reassessment	4,155.71	-
Total Deductions from Tax Payable	6,134.80	2,501.20
Tax Expense	(854.84)	4,309.52

	2015	2014
6. Fixed Assets		
Furniture & Fittings		
At Cost	10,702.05	10,702.05
Less: Accumulated Depreciation	(8,574.23)	(8,249.88)
Total Furniture & Fittings	2,127.82	2,452.17
Office Equipment		
At Cost	33,614.94	30,345.21
Less: Accumulated Depreciation	(26,559.21)	(22,385.36)
Total Office Equipment	7,055.73	7,959.85
Paintings		
At Cost	430.07	430.07
Total Paintings	430.07	430.07
Total Fixed Assets	9,613.62	10,842.09
Depreciation		
Furniture & Fittings	324.35	364.00
Office Equipment	4,173.85	6,404.31
Total Depreciation	4,498.20	6,768.31

7. Operating Lease Commitments**Rent of Property**

The Institute has entered in to leases for premises which expire June 2020 at current annual rentals of \$27,077 plus GST.

	2015	2014
Operating Lease Commitments		
Current	27,077.00	24,002.33
Non Current	108,309.00	130,921.80
Total Operating Lease Commitments	135,386.00	154,924.13

THE NZIS VISION

2015–2016 Key Objectives

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

1. Support members and the sector		Total weighting: 15%	
Key Objectives	Objective weighting	Responsibility	Target outcome
Improve the membership questionnaire format and process and grow the return.	2%	C&MM	Ensure that members see the relevancy and need for this information while making the process as quickly completed as is possible.
Produce an annual training calendar and a "draft" long term CPD/training calendar of events.	4%	KM	A populated calendar allows members to plan the year. Although a long term plan is always subject to change the basic details will also help project staff requirements and needs.
Collect and collate information with regard to the NZ surveying and spatial workforce.	5%	CEO	Quality data in this area is vital for the profession to prepare, influence and plan.
Improve the membership database towards 100% accuracy and populated with information required to support NZIS objectives.	4%	C&MM	Members need to see the value of populating their business details so they see reason to update as required.
15% TOTAL			

2. Uphold professional standards		Total weighting: 10%	
Key Objectives	Objective Weighting	Responsibility	Target outcome
Review and update Ethical procedure and policy.	3%	RM	Ethical behaviour within NZIS is a key foundation of the profession. It is time for a review and update to the current policy.
Review, update and implement an updated certification process.	3%	Board	This is a priority focus but also a complicated process. Traction is building but the coordinating of six streams will make this goal challenging.
Deal with all receipted complaints (that don't go to hearing) within 90 days.	2%	RM	This process is overseen by volunteers but should be achievable.
Produce a one year calendar of CPD/Training events.	2%	KM	This is a priority focus so members can plan.
10% TOTAL			

3. Lead and advocate for the profession		Total weighting: 20%	
Key Objectives	Objective Weighting	Responsibility	Target outcome
Develop and execute a stakeholder engagement strategy that provides increased national advocacy on priority issues.	6%	RM	Advocacy is a key priority for members and the Board especially around Canterbury earthquake related issues.
Develop Health and Safety protocols and communications for NZIS.	4%	RM	With the new Act set to come into play later this year this must be more than just a construction site focus.
Develop a strategy to allow the national office and members to access and use social media as a key NZIS communication medium.	8%	C&MM	A Social Media Strategy must reflect the wants and needs of our professional as we evolve into this area.
Establish a long term International strategy within financial constraints.	2%	CEO	This will be required as the FIG WW 2016 will be completed in May.
20% TOTAL			

4. Enhanced Recognition & understanding of our role		Total weighting: 15%	
Key Objectives	Objective Weighting	Responsibility	Target outcome
Produce in conjunction with universities and Polytechnics a "school leaver's information pack".	8%	C&MM	This is a difficult area to fund and coordinate but we need to gain some traction through like-minded agencies.
Increase hits on the NZIS website through regular updates and increased relevancy to members and groups with an interest.	7%	C&MM	The revamp of the NZIS Website should allow for a greater number of interactive opportunities and should encourage a greater use at all levels.
15% TOTAL			

5. Grow the sector		Total weighting: 20%	
Key Objectives	Objective Weighting	Responsibility	Target outcome
Provide increased interactive opportunities and education between streams and spatial members.	10%	KM	We need to engage and interact in many areas and levels to ensure the relevancy and value of membership for everyone.
Identify groups of spatial professionals and develop options for NZIS membership.	10%	RM	We must focus on areas of specialty so that our message is clear and productive.
15% TOTAL			

6. Ensure a sustainable NZIS		Total weighting: 20%	
Key Objectives	Objective Weighting	Responsibility	Target outcome
Through the budget and risk management process ensure a focus on the quality of expenditure.	6%	CEO	Membership funds are precious and a focus for the Board is ensuring quality cost savings are applied wherever possible.
Identify, monitor and manage risks to NZIS.	4%	Board/CEO	Risk is always present and needs to be mitigated as identified. That process is rigorously applied and must continue annually.
Identify key support opportunities for key NZIS individuals that will support the NZIS vision.	5%	Board/CEO	Succession planning for volunteers is vital at all levels of our profession.
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 2016. 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.



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