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From the President

At last Daylight Saving has arrived and the evenings are drawing out – that means more time in the garden tending to my vege patch. My seeds are planted and seedlings are coming away in the greenhouse, and my garden beds are (almost) ready for my tomatoes, chillies, peppers etc. From such small beginnings hopefully so much will be produced.....

And so I hope that the year ahead will be productive for the NZ Chapter of EIANZ. Of course we are not coming away from such small beginnings as we have a growing membership and an already substantive history behind us. Nevertheless, there is still much that the Chapter needs to do and indeed desires to achieve.

In this newsletter we report back on the member survey that was conducted earlier in the year; thanks again to all those who responded. I got a sense that there was a greater desire amongst members to express their thoughts so I was very pleased with the response. The statistics that emerge from such surveys are always interesting but it is the more insightful comments that are often more helpful. You can form your own views from the link in this newsletter. Note that the results of this survey are also being presented to the EIANZ Board.

As promised I have begun extending my interests to other disciplines within EIANZ and am planning a series of one to one or small group meetings to ascertain how we might best provide for all discipline areas of the Chapter. Of course many themes are common to all (e.g., ethical behaviour, case law, adaptive management), but there are always specific needs that I am interested in how the Institute can help. Initially these

conversations will be more Auckland focused simply because I reside here but as I move around the country I will aim to speak to many more people.

The Chapter has made a submission on the 'Environment Protection Authority (Protection of Environment) Amendment Bill'. Although the Bill is quite straight forward (essentially the addition of a further objective 'promotes, maintains and enhances New Zealand's environment'), I think that the submission provides a very good framework and justification for its inclusion. Responding to proposed government initiatives and changes to law is an important service by the Institute as a whole and in New Zealand we are certainly taking up that baton and are prepared to have our say. As always we are keen for anyone who might like to help with such submissions and commentaries; contact one of the executive if you are interested in assisting.

Enjoy the beginnings of spring, and as the evenings draw out more you always balance that with the early morning start and watch the Rugby World Cup Final.....but perhaps more on that next time.

Until then,

Best wishes.

Ian Boothroyd, October 2015

Stop Press: EIANZ wins prestigious award

At the recent Resource Management Law Association conference held in Tauranga, the EIANZ were honoured with the award of the RMLA Documentation Award 2015 for their publication 'Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand'. The award provides further endorsement for the Guidelines and acknowledges that they have been well-received. At the awards ceremony the RMLA made the unusual step of announcing the names of the authors of the report; in acknowledgement of the high calibre of expertise that contributed to their content. It was also acknowledged at the presentation that this award is usually presented to a planning-or legal-related document and the award to a guidance document was

The NZ Chapter President, Dr Ian Boothroyd, received the award on behalf of the Chapter. In his acceptance speech, Ian made particular reference to the efforts of Dr Judith Roper-Lindsay in making these guidelines a reality. Ian also highlighted how the Guidelines are a work of great passion and commitment having been prepared at 'the kitchen table at midnight' by the volunteer authors (a reference to the volunteer hours on top of all the other commitment of these authors). The audience was left with the message to 'look out for more to come'.....



President Dr Ian Boothroyd receives the RMLA Documentation Award from Andrea Rickard and Rosemary Dixon at RMLA 2015'



President Dr Ian Boothroyd accepts the RMLA Documentation Award on behalf of the NZ Chapter of EIANZ at RMLA 2015'

Photos are courtesy of Katie Cox Photography and the RMLA.

Report on the EIANZ NZ Chapter 2015 Membership Satisfaction Survey

Introduction

Understanding the level of satisfaction of the NZ Chapter membership with the activities of the Institute is fundamental to EIANZ improving its services. Like most services there will always be room for improvements and with the rate of technological change and environmental practice, there is a need for the profession to keep pace with all of these advances. And of course, as an executive responsible for delivering services we also want to ensure that we are on the right track and providing for the anticipated levels of satisfaction.

In order to ascertain the levels of satisfaction, the NZ Chapter commissioned a survey. On 29 May 2015 the survey was distributed to 198 names on the NZ-held member database and by the closing date had received 76 responses (38% response rate). This result was particularly pleasing as typically a response to such surveys of 30% is considered very good – so a big thank you to all who took the time to provide feedback. The regional distribution of respondents fairly well reflected the membership distribution around the country, and varied from members who have been in the organisation 5 years or more (28% of respondents), to those who have held membership for less than a year (26% of respondents).

Good News

- 64% would recommend EIANZ membership to a friend or colleague
- 66% are satisfied with the **quality** of communications they receive from EIANZ
- 66% are satisfied with the **quantity** of communications they receive from EIANZ
- 73% report their employer considers their membership of EIANZ as beneficial to them and their company

These results suggest that communications within the Institute are generally satisfactory. Some of this is reflected upon below.

Member Satisfaction Score per Member Benefit¹

Member Benefit	Score / 5
NZ Chapter Monthly Newsletter 'A Step Closer'	3.23
EIANZ Guidelines e.g., the recently completed EcIA for NZ	3.20
Networking/social events with your peers	3.13
EIANZ website	2.98

¹ Cumulative score, where Very Satisfied = 5/5; Satisfied = 4/5; Neutral = 2.5/5; Slightly Dissatisfied = 2/5; Very Dissatisfied = 1/5; Did not know about this benefit = 1/5; Do not use this benefit = 2.5/5.

Quarterly Publication 'The Env Prac'	2.96
NZ Chapter Annual Symposium	2.88
Quarterly Publication 'AJEM'	2.71
Development of networks	2.70
CPD in your region	2.63
Position Statements e.g. on Biodiversity, Climate Change	2.62
CPD in your area of interest	2.47
EIANZ Annual Conference	2.35
Professional indemnity insurance (3rd party provider)	1.97

This very newsletter, 'A Step Closer' is rated satisfactory by 49% of respondents and received the following favourable comments:

"Good publication"

"This is an excellent document for current activity"

"Best publication from EIANZ - the team that produces that should be congratulated."

This result is very encouraging and lets us know we are on the right track with the newsletter – well done Craig! One request from me would be for more articles from the membership; so start putting pen to paper (or should that be fingers to keys).

Members also liked the NZ Symposium (37% satisfied) more than the EIANZ Annual Conference, (21% satisfaction rate). Many commented that the expense of attending an overseas event was prohibitive:

"Too expensive to travel to Australia"

"If it's not in NZ, then it becomes very difficult to justify attendance to my employer."

"Does not usually include many papers of technical interest to me"

"Conference presentations not relevant to my area"

Areas for improvement

Professional Indemnity insurance with Marsh has not been widely publicised in NZ, due to a low presence of Marsh in this country. NZ aims to identify a Marsh contact and ensure this benefit is more widely publicised in NZ.

Similarly, Position Statements are not widely publicised or utilised in NZ so this score should increase if this is addressed.

The website was only recently relaunched when the survey went out so many respondents may have been scoring the old version. We expect that the 2016 survey will return a better score for the new and improved website.

The low score for CPD (20% somewhat or very satisfied for CPD in area of interest; 30% somewhat or very satisfied for CPD in region) possibly reflects that there are branches in only 4 regions of the country but we have members that reside and work in a variety of locales outside these main centres. As membership increases and new branches become established satisfaction with this aspect should increase.

Perhaps more importantly though it reflects a desire to see more real practical events whereby members can learn and take some better practice initiatives away and implement them. Organising more CPD for members is a major focus for the NZ Executive for the coming year.

Where to from here?

The survey has provided a few thoughts on what might happen in the future. Amongst some key initiatives would be:

- Focus attention/effort on improving member satisfaction score for Chapter-initiated activity (i.e. NZ Newsletter, CPD events, NZ Symposium) by 20% in 2016
- More good practice learning opportunities
- More CPD opportunities for members (including annual roadshow/national event)
- Opportunities for distance participation/learning opportunities (Webinars/podcasts)
- Using learning from survey to shape Business Plan
- Continue with branch networking events
- Continue to focus on membership growth and the establishment of new branches
- Increase awareness of Marsh Professional Indemnity Insurance as a member benefit
- Annual surveys for 2016, 2017 to track progress.

Prize Draw Winners

All those who completed and returned the survey were automatically entered into a prize draw for one of two \$50 Gift Station vouchers. Congratulations to Clay Stevens and Daniel Gulliver, our winners for 2015.

Call for Volunteers!

The 2016 annual EIANZ NZ Chapter Symposium will be held in Auckland in May 2016. An Auckland based committee is currently being formed to organise the symposium. To volunteer to be part of the committee organising this exciting event, please get in touch with Justine Quinn, Auckland Branch Coordinator, justinquinn@gmail.com.

The EIANZ NZ Chapter are also the proud hosts of the EIANZ Annual Conference in Auckland in October 2017. If you would like to volunteer to be part of the committee to organise the conference with support from EIANZ Central Office, please get in touch with Taryn Pearce, NZ Chapter Secretary, tazzaa@gmail.com.

Providing assistance on these committees can contribute towards CPD if you are a Certified Environmental Practitioner, or if you are planning to apply for certification.

On the BOX

Country Calendar the other night had a great story of a Waikato farmer restoring whitebait breeding grounds alongside their farm – it is well worth the watch <http://tvnz.co.nz/country-calendar/episode-30-milk-and-water-6403967?ref=emailfriend>



In the News

So in case you missed it, here are some snippets of environmental news since the last newsletter.

Conservation/Ecology

[Protection from sharks to be trialled](#)

[Boaties in gun as orca dumps calf](#)

[Elephant seals weathered storm well, but big changes are ahead](#)

[Stewart Island proposed as wildlife sanctuary](#)

[Mother elephant seal goes back out to sea](#)

[Marine reserve mooted for Christchurch's Avon and Heathcote rivers](#)

[Great White feeds on seals in Alcatraz](#)

[Council warning: threatened falcon species launch fists of fury against walkers](#)

[How ecotourists actually make things worse for wildlife](#)

[DOC intervention would have jeopardised seal pup's long-term survival](#)

[Wallabies spreading in Bay of Plenty](#)

[Fun facts about tuatara](#)

[Why New Zealand is losing the kiwi](#)

[Sunscreen killing coral around the world](#)

Water

['Horrible' conditions at troubled lake as restoration project begins](#)

[DDT dumped in Opuha River](#)

[Far North District Council says no raw sewage discharged into Hokianga Harbour](#)

[South Canterbury residents reassured river water safe after arsenic find](#)

Consent Hearings/Developments

[Mobil tank farm fight heads to Supreme Court](#)

[North Canterbury landfill battle forces neighbours offshore](#)

[Wellington Airport 'gifts' \\$10,000 to home owners affected by runway extension](#)

[Wellington Airport avoids board of inquiry for runway extension resource consent](#)

[DoC approves land swap to enable Ruataniwha dam](#)

[Appeal against power station's extension](#)

[Maori Land Court rules it has no jurisdiction over RMA](#)

[Cyclists win SkyPath action](#)

Climate Change

[Major finding at Franz Josef Glacier](#)

[Sea level rise will swallow US cities](#)

[Global heat records tumble again as El Nino boosts September warmth](#)

[Climate study bad news for Antarctica](#)

[Wellington scientist warns of half-metre of sea level rise](#)

[NZ mayors take stand against climate change](#)

[Australia's new chief scientist Alan Finkel advocates coal-free future -](#)

[Gulf may soon be too hot for humans](#)

Air Quality

[Spicer Landfill leaking hydrogen sulfide](#)

[Disaster has put Indonesia top of carbon emissions charts - above even US](#)

Cultural Heritage

[Are they worth saving?](#)

[Heritage protection to be slashed](#)

[Trust wants to buy Wellington railway station](#)

General

[Tyre disposal ecological problem for Government](#)

[NZ's 'clean environment' in doubt after report](#)

[Lake Tekapo landslide could cause 25m tsunami](#)

[Cook Islanders told to improve on waste and recycling](#)

[Beware the almond milk effect](#)

[Councils must stick to their own concerns](#) – Deep sea oil debate

Professional Development Opportunities

The following Professional Development Opportunities are available and as always, all EIANZ events are available on the calendar of our home page <http://www.eianz.org/>

2015

NZILA GREEN INFRASTRUCTURE SEMINAR

Wednesday 4th November

9 a.m. - 5 p.m.

Christchurch City Council

53 Hereford Street

1st Floor Function Room

Keynote speaker:
Graeme Hopkins,
Fifth Creek Studio

Speakers:
Tony Moore CCC
Dr Robyn Simcock,
Landcare Research
Allan Leahy,
Technical Specialist, MWH Global
Graeme Cleary, Natural Habitats

Catering provided

RSVP to canwest@nzila.co.nz
by 24th October
with names of those attending
and an invoice will be sent for
payment:

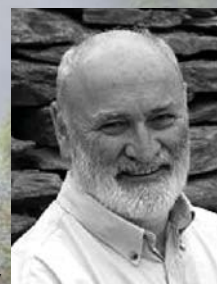
member \$90 non member \$115

Christchurch city like many other cities worldwide is facing the need to arm itself with a series of strategies that address the serious impacts of climate change, waterway management and to provide technologies that allow for adaptation and ultimately a resilient urban environment. The city's waterways are among the most polluted in Canterbury; combine that with sea level rise, flash floods, and drought, the future outlook may look dismal.

The ecology and economy of the city are inextricably linked- landscape is the connector. Gaining an understanding of the issues as well as knowing when and how to apply the tools to reduce the impact of climate change is paramount.

This one day seminar includes a hands-on afternoon workshop with the experts, exploring Green Walls, Green Roofs and low impact design stormwater technology.

Graeme Hopkins
B Sc (Arch), B Arch,
FAILA, ARAIA



Graeme Hopkins is a Research Fellow in the Zero Waste Centre for sustainable Design & Behaviour at the University of South Australia and principal of Fifth Creek Studio.

Fifth Creek Studio was awarded the AILA South Australia Medal for landscape Architecture 2012-2013 for Graeme's book Living Architecture: green roofs and walls (co-authored with Christine Goodwin). Graeme's research and monitoring of sky gardens and living walls is extensive and has been acknowledged by various government bodies throughout Australia.

Dr Robyn Simcock
PhD (Applied Soil Physics)
Landcare Research

Robyn's research focuses on water sensitive / low impact design - specifically optimising the design, evaluating design and construction techniques; and monitoring their performance.

Robyn recently examined such systems in Portland, Oregon and has made a comparative study to the New Zealand environment.



Impact Assessment in New Zealand

Charting a course for the future

A seminar held in memory of James Newell

Thursday 3rd December 2015

University of Otago Wellington, Newtown

“Impact assessment” is widely used in New Zealand and overseas. It is also used in a variety of forms beyond the Resource Management Act requirement for assessments of effects and in a variety of other forms including statutory (recreation concessions in the conservation estate, and resource development in the EEZ) or non-statutory (health impact assessments of urban growth strategies or sustainable development under the Post-2015 agenda).

The anticipation and management of impacts on the environment, society and the economy is growing in demand. However, impact assessment faces multiple financial, capacity and quality assurance pressures. New thinking and action is required to provide the safeguards impact assessment and related processes can deliver.

This one day seminar at the University of Otago Wellington campus, will bring together invited speakers to address a variety of issues, reflecting on the journey so far, recognising innovative practices and considering emerging challenges from issues such as climate change, biodiversity loss and social-cultural diversity.

This year the NZAIA annual meeting will reflect on how New Zealand impact assessment is faring in these choppy seas.

NZAIA welcomes the challenges facing the impact assessment community, and asks:

- What has been achieved in New Zealand?
- How do we as New Zealanders develop a shared vision about the future practice of impact assessment?
- What practical steps can NZAIA take to support that vision?

For 2015 seminar information visit: www.nzaia.org.nz



NZAIA are dedicating this seminar to James Newell.

In February this year, NZAIA lost its long serving member and Treasurer, James Newell, who died suddenly while walking in the hills above Wellington. James was a key part of the Association and his colleagues in the core group were keen to find a fitting way to mark his contribution to the spirit and purpose of NZAIA.

Publications: Environment Aotearoa 2015

'Environment Aotearoa 2015' provides an overall picture of our environment across the air, atmosphere and climate, fresh water, land, and marine domains and shows interactions between each domain. It presents the human and natural pressures that cause changes to the state of these domains and the impacts these changes have on our environment, economy and way of life.

This comprehensive report, which draws on data sets up to 2013, provides detailed information and indicators relating to the quality of air, atmosphere and climate, fresh water, land, and marine environments. Biodiversity is included across all of the above listed 'domains'.



Among the report's key findings, New Zealand's CO₂ and global emissions have risen 21 percent since 1972, and 33 percent since 1990, respectively. However, roadside emissions – namely carbon monoxide – have fallen by 41 percent.

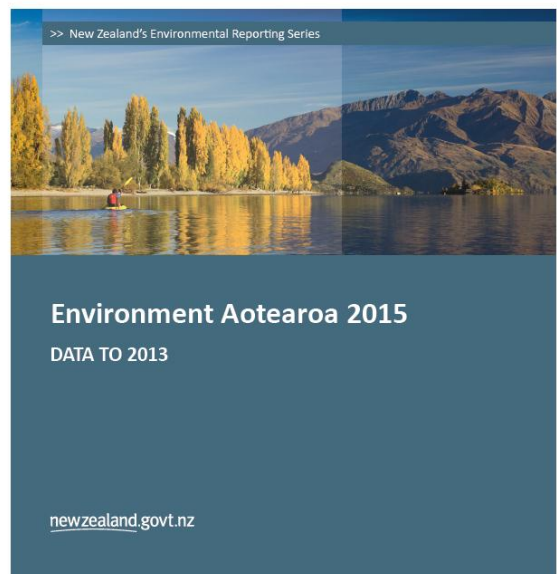
Livestock and increased fertilizer use has led to a 29 percent increase in land-based nitrogen, while an rise of 12 percent of nitrogen in rivers, has increased the likelihood of eutrophication in waterways.

With 49 percent of New Zealand's landmass used for farming and forestry, issues such as soil compaction and erosion are become more pronounced. The report indicates that some 78 percent of dairy farms are afflicted with soil compaction, while no less than 192 tonnes of eroded soil enter waterways, annually.

In the marine environment, while the incidence of overfishing has declined since 2009, rising coastal sea levels and acidity levels threaten to fuel marine biodiversity loss. A high number of species are at risk, with 27 percent of mammals and 35 percent of seabirds facing imminent extinction.

'Environment Aotearoa 2015' is a joint report by the Ministry for the Environment and Statistics New Zealand.

Download your copy at <http://www.mfe.govt.nz/publications/environmental-reporting/environment-aotearoa-2015>

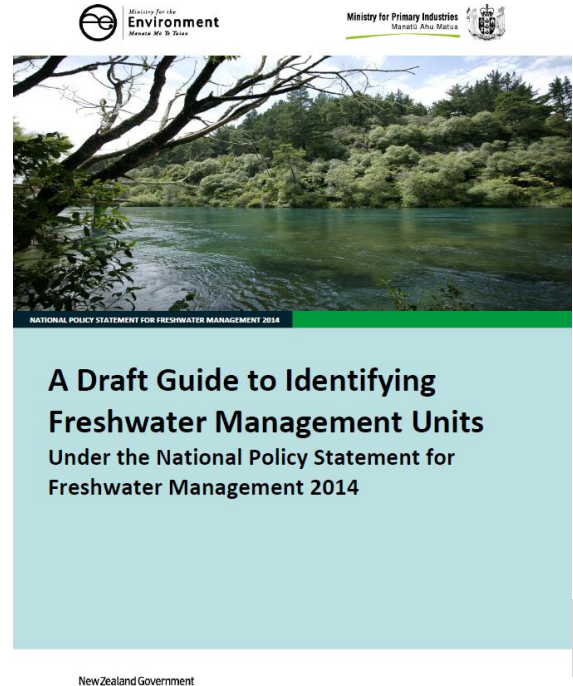


Publication: A draft guide to identifying freshwater management units under the National Policy Statement for Freshwater Management 2014

This draft document provides guidance to council staff on identifying freshwater management units (FMUs) as required under the National Policy Statement for Freshwater Management (NPS-FM). It may also be of use to iwi and hapū, water users, or community members who are participating in a regional freshwater planning process.

The NPS-FM does not mandate a single correct or preferred way to identify FMUs. Each FMU must reflect the unique circumstances of each region, as these circumstances will dictate what freshwater objectives and limits will be set within the FMU. This guide provides some general direction on matters councils could take into account when identifying FMUs in their region.

This guide is published as a draft so users can provide feedback on its content before it is finalised. If you would like to provide feedback, please email us at freshwater.guidance@mfe.govt.nz by **1 December 2015**.



Certified Environmental Practitioner

For those thinking of applying

The CEnvP website provides some useful application tips and advice – these are the things that will help with the processing of your application. See <http://www.cenvp.org/apply/applications.php>

One of the bits of advice is to take the requirement for continuing professional development seriously. This is probably one of the areas where the more information you can provide as part of your application the better. The CEnvP website says it is worthwhile to submit a CPD log for the past year. I'd go a step further to say submit the log, along with an outline of your proposed CPD activities for the forthcoming 12 months. If you don't submit it as part of your application, you are likely to be asked to bring it along to your interview.

Another important tip is to submit a complete application. Missing information slows down the processing of your application and in the worst case; you will be deferred to the following round of interviews.

If your workplace or local EIANZ branch would like to learn more about the application process or the Scheme, please get in touch. There are a number of CEnvPs around the country who are more than happy to come and talk to you about the benefits of Certification and the process of applying.

We encourage suitably qualified practitioners to participate in this important initiative for the environment profession. For more information about certification criteria and the application process, please visit www.CEnvP.org/apply

New Zealand: 03 741 3102 Email: info@cenvp.org

Call for Articles and Ideas

We will be putting out this newsletter quarterly and need interesting and informative articles every time!

Have you...

- Finished an interesting project?
- Attended a training course you found valuable?
- Have some photos that you just have to share?
- Got some ideas for other things you would like to see in this newsletter?

If so, we would love to add your two cents to the newsletter.

If you would like to share, please do send any suggestions, articles, photos to [Craig Redmond](#). The next newsletter will be out at the end of September, so please send any **submissions through by 23 November 2015.**

Have your details changed?

It is important for us to keep your details up to date. If you have recently moved house or job, changed your phone number or email address please let us know by sending an email to newzealand@eianz.org to ensure that your details are up to date.

Key Institute and Chapter Information

NZ Chapter Executive Committee

NZ Chapter President: [Ian Boothroyd](#)

NZ Chapter Vice President: [Keith Calder](#)

Secretary: [Taryn Pearce](#)

Treasurer: [Chris Bailey](#)

Committee Members:

[Chris Gibbons](#) (Students and Early Careers Portfolio)

[Steph Brown](#) (CEnvP) Coordinator

[Rod Murray](#)

[Justine Quinn](#)

EIANZ Board

President: Jon Womersley

Vice President New Zealand [Di Buchan](#)

Other Key Roles

Membership Secretary: [Eric Scott](#)

Newsletter Editor: [Craig Redmond](#)

Regional Branch Coordinators

Auckland: [Kathryn McDonald](#)

Bay of Plenty: [Sharon De Luca](#)

Wellington / Central: [Leonie Waayer](#)

Canterbury: [Pene Ferguson](#)

Contact for general enquiries: newzealand@eianz.org

Newsletter enquiries: nznewsletter.eianz@gmail.com

EIANZ Website: www.eianz.org

Find out about events at: <http://www.eianz.org/events/category/new-zealand>

Join us at: <http://www.eianz.org/membership-information/membership>

Watch us at: www.youtube.com/nzeianz

Follow us at: www.twitter.com/nzeianz