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This Month

This month we have a bumper edition, with plenty of news, events and publications, so take a look and as always, we look forward to hearing from you if you have any contributions to make.

From the President

Winter seems to be all around us with floods, snowstorms, high winds and such changeable weather it makes dressing for the day a complex decision. Despite the cold climes much is happening within EIANZ. First we have the member survey here in NZ. This is a very important means by which you, the members, can have a say in what it is you like, and don't like, about what EIANZ offers and does for its members; but more importantly what EIANZ can do better for its members. I am particularly interested to know what the Executive Committee in NZ can do to make membership highly valued amongst practitioners so please take some time to respond to the survey and be honest in your feedback.

In the meantime, other initiatives have involved a greater emphasis on administrative efficiency within the broader EIANZ camp. We now have a single banking entity across all of EIANZ with internet banking facility. This coupled with a single membership database due soon should make membership renewals and communications much smoother in the future. Several Committees are now up and functioning and NZ is specifically represented on three of these committees: Communication and Marketing, Policy and Practice, and the Student and Early Career Committees. Di Buchan continues in her role on the EIANZ Board as well as some

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of these committees, and as President, I am appointed to the EIANZ Advisory Council. As a consequence NZ is much more abreast of the affairs of the Institute, and much more involved in the day-to-day decision-making.

Applications for CEnvP certification are increasing so the time is right to push EIANZ as a much greater force within New Zealand. As part of a stronger national-focused initiative, look out for the 'EcIA roadshow' that is coming to a venue near you. Read more information about it later in the newsletter, but it is the commencement of what I hope will be a greater emphasis on our practice, and a greater reach to the membership of things that matter to us as a collective. I don't expect this to happen overnight but we are taking some early steps. Likewise, small steps are beginning to occur with students and early career groups and ideas are being tested to later roll out to all regions.

Elsewhere in this issue you will read about the increase in the impact factor from our keynote journal, the Australasian Journal of Environmental Management. The Journal is doing very well but would benefit from an increase in relevant content from New Zealand. Special editions of the journal focused on specific discipline areas or industry sectors are under consideration. As practioners often concerned with meeting tight deadlines, weather-related fieldwork and political, managerial or client demands the preparation of manuscripts for publication can be the last thing on our list of things to do. Nevertheless, as practioners, we are often at the cutting edge of the innovation and implementation of new ideas; we should all give thought to how we can share that with others so that the profession as a whole benefits.

Ian Boothroyd, June 2015

AJEM impact factor rises

One of the keystone publications of the Institute is the Australasian Journal of Environmental Management (AJEM). AJEM's impact factor has just risen from 0.56 to 0.917. The impact factor is an international measure of a journal's influence, reflecting how much of what we publish is cited within the following two years, by other articles (the agreed indicator of 'impact'). Thus an impact factor of 1 would mean that on average, every article we publish gets cited once in future research by others. AJEM is doing very well to be listed in this prestigious system at all. The 'impact factor' system invited the journal when we were still self-published, whereas most journals have to apply over and over to be accepted. This is our fourth year of earning a figure.

NZ Chapter Survey

The NZ Chapter recently distributed a survey to members using the Survey Monkey tool. We have since become aware that some surveys did not reach participants due to them landing in a Junk Mail or spam folder. If you did not receive an email inviting you to participate in our survey please check your Junk mail folder, or alternatively email nz@eianz.org for a link. The survey has a new closing date of 10 July 2015.

Article: Water Water Everywhere

June seems to have been the month for water! The flooding in Whanganui and District, amongst the worst in fifty years......along with snow and storms throughout the country. Arguably what we expect at this time of the year but recent press suggests a greater tendency towards such extreme events.

In addition to the real stuff falling from the sky have been a number of reports released also dealing with water. The Parliamentary Commissioner for the Environment chose this month to expand upon her concerns regarding the amended National Policy Statement Freshwater which was released in August 2014. In her report 'Managing water quality: examining the 2014 National Policy Statement' the Commissioner lays out her examination of six aspects of the 2014 NPS and is focused on elements that are absent or unclear; and is followed by six recommendations. The recommendations are:

- 1. Maintaining and improving water quality: define what it means to maintain or improve water quality; and define maintain to mean 'staying within the same band' and improve to mean moving to a higher band within the National Objectives Framework.
- 2. Freshwater Management Units: provide a set of clear criteria for use when selecting FMUs.
- 3. Exceptions to national bottom lines: amend criterion for exception and to clarify existing means as in 2014.
- 4. Taking a strategic approach: priorities setting of objectives and limits for water bodies and catchments that are particularly vulnerable.
- 5. Measuring ecosystem health a bio-indicator: amend NPS to include the Macroinvertebrate Community Index (MCI) as a compulsory attribute for measuring ecosystem health.
- 6. Estuaries: Prioritise the work required to bring estuaries into the NPS.

What is encouraging about these recommendations is that some of them parallel the points in submission from the NZ Chapter of EIANZ on the proposed NPS Freshwater. In relation to the first recommendation, the vexed question of 'unders and overs' balancing was questioned and refuted by the Environment Court who upheld that balancing 'overs and unders' was not allowable across a region but might be allowable within an individual waterbody. Thus 'trading off' poorer water quality in one part of the region against enhancement of water quality in another part of the region is not allowed. This was highlighted in last month's newsletter. The concern over estuaries continues as seemingly these ecosystems neither fall into the jurisdiction of freshwater yet not always entirely within the CMA; but are nevertheless an integral part of catchments. There is no doubt that much more needs to be done in this space. The one area that has raised much public interest is the exclusion of the MCI as an attribute of 'limit setting'. Perhaps misunderstood, the MCI certainly is well recognised as an indicator of ecosystem health and is a particularly good measure of performance; quite how well it would perform as a limit setting is open to question.

In tandem with the 'Managing Water Quality' report the PCE also released an update report on 'Water quality in New Zealand: Land use and nutrient pollution'. As the title suggests, the report updates the 2013 report from the PCE of the same name. The purpose of the update is to summarise reactions to the earlier report and present new information. The commissioner's findings are not good news with the conclusion that the 2013 report is likely to have 'underpredicted the nutrients that will be lost from land to water'. Her major finding is that changing practices on dairy farms have broadly gone in two opposing directions: increasing productivity through higher stocking rates and an inability for 'standard' mitigation practices to keep nitrogen losses from rising.

The New Zealand Government continues to work at developing a freshwater policy that includes further briefs for the Land and Water Forum. This Forum was set up in 2009 and brings together a range of stakeholder groups ranging from industry groups, environmental and recreational NGOs, iwi, scientists, and other

organisations with a stake in freshwater and land management. In a recent global look at water as a potential business risk, Price Waterhouse Coopers (PWC) have released a report on 'Collaboration: Preserving water through partnering that works'. The report helps stakeholders understand how to collaborate with a cross-section of partners with the specific aim of working towards responsible water use. The report looks at such fundamentals as 'the value of water to the economy', 'the implications of water issues for businesses' through to 'the art of stakeholder management' and 'managing water risks'.

With the World Resource Group forecasting a 40% global shortfall between forecast demand and available supply by 2030, the time to start collaborating is now. Fortunately New Zealand has started that process but there is still some way to go before we can be satisfied that we have the correct policy tools and mechanisms to reverse the current trend.

Ian Boothroyd, June 2015

Ecological Impact Assessment - EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems

Roadshow is Coming!!!

August 2015 in a centre near you!

By Dr Judith Roper-Lindsay

The guidelines are out and are <u>available free to all ecologists as a pdf here</u>.

The New Zealand Chapter is seeking comment and feedback from those using the guidelines by email to: newzealand@eianz.org

EIANZ are co-ordinating a nationwide roadshow to deliver the 'Ecological Impact Assessment Guidelines for use in New Zealand' Events are planned in main centres in August. Look out for further information or contact your Branch co-ordinator

Each session will cover:

- Professional aspects of ecology ethics, risk, quality control, consistency
- Introduction to the Guidelines themselves how to use, when to apply, who should be using them.
- Expansion on specific topics of interest.
- Examples of good practice.
- Where to from here.
- Open discussion and questions.

The roadshow also present a great opportunity to network amongst fellow professionals and colleagues; and to learn more about EIANZ and CEnvP.

In the News

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

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PM 'should be careful what he wishes for' - new Greens co-leader James Shaw

'Zero' chance of key RMA reforms going ahead: John Key

Will heads roll in Christchurch's beleaguered planning department?

Wellington super city plan scrapped

Wellington super-city scrapped due to lack of public support

Green Party wants climate test for new laws

Mixed model of governance proposed for Environment Canterbury

Nelson City Council signs up to Housing Accord

Conservation/Ecology

Eel-like fish drop from sky in the United States

Moonbeam casts shadow over cat plans

Delight over Victory's dune waddle

Southland's biodiversity continues to decline

DoC letter sparks trout farming fears

'Vulnerable' toothfish sold at bargain prices

Record number of humpback whales in Cook Strait

Great white's amazing journey

Taupo iwi claims it has no plans to farm trout

Ancient discovery pushes back New Zealand bat

history

Adultery could save the stitchbird

Otago Uni researchers join Ocean Sampling Day

<u>Pigeon contraception should be used to cull</u> <u>population, inner-city residents say</u> – Wgtn

Sea change shows the way – Marine Reserves

New Zealand's sea lion now endangered

Seals spotted on two Canterbury beaches

DOC developing new weapon against 'wasp onslaught'

<u>China's seawall construction depleting godwit</u> <u>populations</u>

Our national bird as you've never seen it

Vast ecosystem discovered in ice

Water

Water quality dominates primary industries debate

As flooding worsens, new ideas needed

<u>Greasy wastewater cutback plan to protect</u>

sewers

Dairy continuing to damage water quality

Waikato river clean up funding offered

Savings from water company proposal too great

to ignore – [Waikato]

How the world is running out of water

Consent Hearings/Developments

Cash injection for Central Plains water

Group raises Skypath pollution fears

Chums' housing scheme on hold

Wairarapa dams could submerge 30 properties

<u>Countdown fined \$750 for infringing their</u> <u>resource consent</u> – [New Plymouth]

<u>Second-hand house riles Travis Country</u> <u>residents</u> – [Chch]

New plans to solve housing crisis

Court of Appeal rules against Trustpower in tax fight – RMA

Wharf battle: Victory over Ports of Auckland

Climate Change

Climate change: 'NZ can do more'

Fighting climate change from Christchurch

<u>Iwi and scientists form climate risks partnership</u>

Climate change? Yeah, nah

Air Quality

Timaru's air below standard six days in a row

Christchurch on four high pollution nights, Timaru
10

Cultural Heritage

Heritage rules needed: lobby group

Villas make way for new apartment

General-

Death of the car: Why Generation Y is turning to public transport

New 'greener' technology key to viability of oil and gas sector

Experts try to forecast NZ big bang

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/

EIANZ Annual Conference - Challenging the status quo; 29th - 30th October 2015, Perth

The call of papers is now open;

Click here to access the call for papers brochure

Click here to access the <u>abstract specification</u> template

Important Dates

Abstract Submissions open - Monday 20 April 2015

Abstract Submissions close - Friday 13 July 2015

Notification of Acceptance - Friday 31 July

Deadline for full papers/presentations - Friday 25 September 2015



EIANZ Annual Conference 29-30 October 2015

Pan Pacific Hotel, 207 Adelaide Terrace, Perth, WA

We make advances in environmental management by challenging the status quo through new science and good practice. The pressure is on environmental practitioners to:

- Conserve and manage the world's biodiversity hotspots, threatened species, and marine and terrestrial protected areas
- Find new ways to assure ecological health, and sustainable productivity of terrestrial and marine environments
- Implement innovations in the repair of landscapes affected by poor agricultural, grazing and mining practices
- Understand the role of indigenous knowledge and cultures in determining good practice
- Develop knowledge of regulatory requirements and skills in the ethical and professional implementation of good practice environmental management

Reserve the dates now – plan to present a paper or poster that challenges the status quo in environmental management practice. Demonstrate to others the advances you know will lead to better practice. Join a field trip before and after the event to see the application of good practice environmental management first hand.

There is much to learn about the skilled practice of environmental management in Western Australia. Mega scale offshore gas and mining projects have helped shape environmental management in remote and arid Australia. Cutting edge dryland farming and water management practices have been developed to combat salinity and erosion. The biogeographic region of Southwest Australia, stretching from Shark Bay in the north to Israelite Bay in the south, is recognised as an international biodiversity hotspot. These are but a few of the reasons why Western Australia is an exciting place to hold the 2015 EIANZ Conference.





Speed Networking Event



WELLINGTON BRANCH EVENT

Topic: The 'shower of fertility' and other scientific miracles – the formative role of science in post-war agriculture

Speaker: Dr Catherine Knight, Environmental Historian and Policy Analyst

Date: Tuesday 21 July 2015

Time: 5.30pm – 7pm

Venue: Level 1, Environment House, 23 Kate Sheppard Place, Wellington

Cost: EIANZ members and students (with ID): free Others: \$15.00

CPD Points: 2

WILD THINGS: addressing terrestrial, freshwater and marine biodiversity 11-13 August 2015, Viaduct Events Centre, Auckland



Image courtesy of photonewzealand.

Mark your diaries now! Don't miss New Zealand's leading environmental conference.

Biodiversity loss is the greatest environmental challenge that currently faces New Zealand. Despite our best endeavours, the country's wealth of endemic species is dwindling away. Under the current trajectory, kiwi will be functionally extinct on the mainland within two generations. In addition to losses on land, we are also facing threats in both the freshwater and marine realms.

Biodiversity loss is an economic challenge, with New Zealand's natural heritage forming the basis of a burgeoning tourism sector and supporting many of our export industries.

Wild Things will investigate the underlying reasons for biodiversity decline and look constructively at how we might turn it around. The conference will examine how to rebalance the conservation management system, so that it is well funded and better aligned, and can more effectively harness innovation. We will focus on the nexus of biodiversity and development, and how new or improved tools like offsetting might be applied to achieve 'no net loss' or even 'net gain'. We will also look ways to mobilise New Zealanders behind the biodiversity challenge and to overcome the implementation gap.

Wild Things will be a national conversation, amongst all sectors, about the way forward on biodiversity. It will be particularly relevant to agencies involved in biodiversity management (including central government, regional councils and local authorities); iwi/hapū exercising kaitiakitanga over biodiversity; biodiversity-relevant private sector industries (tourism, land development, agriculture, forestry and fishing); biodiversity scientists and resource management professionals; and community groups and individuals involved in biodiversity conservation on the ground.

Biodiversity loss is not inevitable. We have a choice.

Coasts and Ports 2015

15-18 September 2015, Auckland



NZPI Water Quantity and Quality Workshops

July – October 2015, Nationwide

The NZ Planning Institute are running four workshops around the country on water quantity and quality planning under the RMA. The workshops are facilitated by Helen Marr (Perception Planning) and Kate McArthur (The Catalyst Group). These will be good courses for water technical people to gain a better understanding of the RMA planning context, regional plan development and the implications of the National Policy Statement for Freshwater Management. Please feel free to forward to any colleagues who might be interested.

More information at the links below.

Auckland - 21st July:

https://www.planning.org.nz/Event?Action=View&Event_id=393

New Plymouth - 25th August:

https://www.planning.org.nz/Event?Action=View&Event_id=443

Hamilton - 15 September:

https://www.planning.org.nz/Event?Action=View&Event_id=442

Christchurch - 1 October:

https://www.planning.org.nz/Event?Action=View&Event_id=445

Proposed National Environmental Standard for Plantation Forestry – Consultation Closes 11 August 2015

The Ministry for Primary Industries (MPI) is seeking your views on the proposed subject matter of a National Environmental Standard for Plantation Forestry (NES-PF). This is a proposal to change how plantation forestry activities are managed under the Resource Management Act 1991 (RMA). If implemented, an NES-PF would replace councils' existing district and regional plan rules for managing plantation forestry. It would provide a nationally consistent approach that is responsive to local environments.

Formal consultation will begin on Wednesday 17 June 2015 and close at 5pm on Tuesday 11 August 2015. A series of public meetings, and hui will be held as part of the consultation.

Find out more at http://www.mpi.govt.nz/news-and-resources/consultations/proposed-national-environmental-standard-for-plantation-forestry/

Transport Agency: Assessing historic heritage effects

Historic and cultural heritage is plentiful on and adjacent to the transport network. As a non-renewable resource and a physical record of New Zealand's nationhood the presence of cultural and historic heritage provides an opportunity and a risk to all network projects.

Following on from the Environmental and Social Responsibility Screen this guide provides a tool for the preliminary technical assessments phase of both the indicative and detailed business case where cultural and/or historic heritage effects are anticipated.

Historic heritage impact assessment guide for state highway projects

This guide describes the processes to be used on NZ Transport Agency projects for assessing historic heritage effects and to determine appropriate mitigations.





New Zealand Governmen

Practical advice and templates represent good practice for the assessment of effects on historic and cultural heritage. Case studies illustrate the delivery of recent highway projects with efficient, effective, environmentally responsible and nationally consistent outcomes. Early consultation with key stakeholders is also promoted.

Use of this guide gives effect to NZ Transport Agency's statutory and policy obligations. It is based on national and internationally recognised heritage practice including guidelines for transport agencies in the United Kingdom, Australia, and Canada. External stakeholders including Heritage New Zealand, iwi, local government and heritage professionals provided feedback on earlier versions of this guide.

For your copy of the guide go to;

http://www.nzta.govt.nz/resources/guide-to-assessing-cultural-heritage-effects/

Green awards

The winners of the 2015 Green Ribbon Awards have been announced by Environment Minister Dr Nick Smith and Conservation Minister Maggie Barry in at a ceremony at Parliament on 4th June. This year's awards, which mark the 25th anniversary of the event, recognised the achievements of some of New Zealand's most innovative and hardworking environmental champions.



Finalists for 2015 were selected from 70 nominations and included community groups, scientists, councils and businesses. Award categories covered a range of environmental specialisations such as biodiversity protection, reducing emissions, minimising waste, caring for water and protecting oceans and coasts. Alongside these were five leadership categories, awarded to some of the exemplary projects and people that inspired others to action and achieved great results for conserving and restoring New Zealand's environment.

This year's supreme award winner was Project Janszoon, which works closely with the Department of Conservation, The Abel Tasman Birdsong Trust and the local community on a range of activities to preserve and protect Abel Tasman National Park.

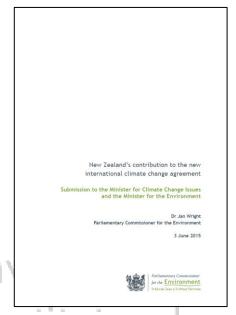
Click here to see who won all the awards - http://www.mfe.govt.nz/more/awards/green-ribbon-awards/past-winners/2015-green-ribbon-award-winners

Parliamentary Commissioner for the Environment Submission on New Zealand's contribution to the new international climate change agreement

In December this year, a climate change conference is being held in Paris with the intent of establishing a new international agreement on reducing emissions of greenhouse gases. This is the next climate change conference in a sequence that began with the creation of the United Nations Framework Convention on Climate Change (UNFCCC) at the Earth Summit held in Rio de Janeiro in 1992.

As part of the process leading up to Paris, each country is to submit an Intended Nationally Determined Contribution (INDC) to the United Nations. An INDC outlines the way each country intends to tackle climate change. This includes setting a target for reducing emissions after 2020.

This submission is being made in response to the recently released discussion document on New Zealand's INDC.



You can read the submission at http://www.pce.parliament.nz/publications/submissions-and-advice/submission-on-new-zealand-s-contribution-to-the-new-international-climate-change-agreement/

Parliamentary Commissioner for the Environment

Managing water quality: Examining the 2014 National Policy Statement

The beauty and variety of New Zealand's rivers, streams, lakes, estuaries, and aquifers is integral to our national identity. The 'clean green' brand on which our tourism industry relies is underpinned by images of clear clean water. Water is the lifeblood of our agriculture. And we value being able to swim, fish and gather mahinga kai in many places across the country.

To its credit, the Government has invested heavily in developing policy to improve the management of fresh water. A National Policy Statement (NPS) was introduced in 2011 with an objective of maintaining or improving water quality. Then in 2014 the NPS was given real heft with the addition of a framework proposed by the Land and Water Forum – a framework that introduced 'bottom lines' for water quality.

The 2014 NPS is a major step forward. Some regional councils have already begun to act, and there is a real sense of momentum. However, we are not out of the woods yet. Some lakes and streams are below

Managing water quality:
Examining the 2014 National Policy Statement

June 2015

Parliamentary Commissioner
for the Environment
In Exercise Towards

In Exercise Towards

bottom lines and many others are not far above them. In many water bodies water quality continues to decline, making the task of improving it that much harder and more costly.

This report is an examination of six aspects of the 2014 NPS, focussed on elements that are absent or unclear. The last section contains six recommendations.

Read your copy of the report from http://www.pce.parliament.nz/publications/all-publications/managing-water-quality-examining-the-2014-national-policy-statement/

Productivity Commission: Using Land for Housing Draft Report

The Government has asked the Productivity Commission to review the local planning and development systems of New Zealand's fastest-growing urban areas and identify leading practices that are effective in making land and development capacity available to meet housing demand. Comparable overseas systems should also be investigated where they provide valuable lessons for New Zealand.

The Productivity Commission has now released its draft findings and recommendations. The final report will be delivered to Government by 30 September 2015.

The Commission has had help from many participants and is grateful for the insightful submissions and observations received to date. The Commission is seeking submissions on the Draft Report, particularly on the draft findings and recommendations, by 4 August 2015.

Read your copy of the draft report at http://www.productivity.govt.nz/inquiry-content/2060?stage=3

Tukituki Catchment Proposal

The Board of Inquiry (the Board) into the Tukituki Catchment Proposal has released its final decision in relation to the matters referred back to them by the High Court. The report is now available below:

Read the 2015 Final Decision here

In December 2014, the High Court referred the Tukituki Catchment Proposal back to the Board and directed them to reconsider their decision only on including the factual deeming provision in Rule TT1(j) of Plan Change 6 (PC6) and the conditions of consent for the Ruataniwha Water Storage Scheme (RWSS) in light of the changes the Board made to Rule TT1(j).

The Board's decision on the two matters referred back to them by the High Court can be appealed to the High Court under section 149V of the Resource Management Act 1991 (the Act), but only on a question of law. There is a 15 working day appeal period. More information can be found on the page above.

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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 <u>Craig Redmond</u>. The next newsletter will be out at the end of April, so please send any submissions through by 23 July 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.

Australia and

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Key Institute and Chapter Information

NZ Chapter Executive Committee Committee Members:

NZ Chapter President: Ian Boothroyd Stacey Swanson (Students and Early Careers

Portfolio)

NZ Chapter Vice President: Steph Brown (CEnvP) Coordinator

EIANZ Board Vice President (NZ): Di Buchan

Geoff Meadows Secretary: Taryn Pearce

Joh Taylor

Treasurer: **Chris Bailey**

Regional Branch Coordinators Other Key Roles

Auckland: Kathryn McDonald Membership Secretary: **Eric Scott**

Bay of Plenty: **Sharon De Luca** Newsletter Editor: **Craig Redmond**

Wellington / Central: Leonie Waayer

Pene Ferguson Institute c Canterbury:

Contact for general enquiries: newzealand@eianz.org

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