



The Environmental Practitioner

ISSN 1834-7738

Number 23

September 2011

In this issue of TEP we have the parting 'From the President's Desk' from the outgoing EIANZ President Bill Haylock, and impressions of earthquake-ravaged Christchurch from the recent Executive Face-to-Face Meeting in September.

Also outlined in this issue is the Institute's stance on the Government's Response to the Hawke Report, the tidy and growing collection of exciting EIANZ member benefits and Memoranda of Understanding signed by EIANZ with other professional organisations and groups.

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Opinions expressed in this newsletter reflect the views of the authors and do not necessarily represent the views of the Environment Institute of Australia and New Zealand Inc. unless specifically stated.



Photo by Dave Manson

Editorial

On September 6 the EIANZ executive held a face-to-face meeting in Christchurch city, home to two of the executive – Tom Burkitt (EIANZ NZ President) and Leo Fietje (EIANZ Secretary).

Tom was kind enough to provide Bill Haylock and myself an impromptu tour of the city, and explain some of the challenges which have faced the Christchurch people in recovering normalcy in their lives in the wake of the devastating earthquakes of 2010 and 2011. What struck me most was how just a few minutes of tectonic misbehaviour could cause such lasting disruption and uncertainty for the Christchurch city.

The core of the city is still a no-go zone for the general public, with old buildings and new in the process of being assessed and demolished. Sealed roads throughout the city and suburbs have buckled and warped, and underground services have been displaced and ruptured. Thousands of residents still wait anxiously for their homes to be assessed so that they can demolish or rebuild.

Indeed, tens of thousands of residents have left the city in the last year, however those who remain are optimistic and resilient, and certainly inspirational, in their commitment to rebuild and re-imagine a lively and prosperous Christchurch.

After the meeting it was fantastic to meet local members for drinks and dinner, to hear their individual experiences of the quakes, and share their enthusiasm for growing EIANZ in New Zealand. As noted in the previous issue of TEP, the two-year Executive positions will be up for election at this year's conference.



This includes the role of Communications Editor, so if any of you are interested in putting yourself forward for this position, please don't hesitate to contact me and I would be more than happy to discuss what is involved. Besides sitting on the executive and preparing the newsletter, the Communications Editor also acts as a link to the Institute's Journal, the Australasian Journal of Environmental Management, and is one of the Associate Editors of the Journal. So there are many opportunities to contribute in this role, and to learn a great deal.

Finally, the next deadline for the December issue is 25 November 2011, so please send your contributions to communications-editor@eianz.org before then. Event notices, reports, opinion pieces and photos – keep them rolling in!

Bec McIntyre
EIANZ Communications Editor



Impressions of Christchurch – EIANZ Executive Meeting 6 September 2011

“What a resilient group of people the Christchurch people are. After one year of waiting, there is still no definite end but all seems to move on. The events show how small we really are in the scheme of things and how important it is to keep our chin up and support our fellow humans. In all the midst of devastation that we do not hear that much about in Australia, New Zealanders are still optimistic in nature and as they should be..... they expect to beat Australia in the finals of the world cup – a long way to go.”

Nick Kariotoglou

EIANZ Special Projects Officer

“EIANZ Secretary, and Christchurch resident, Leo Fietje guided us around the city and its earthquake damaged areas. My first impressions were of the scale of the damage - a city centre largely destroyed, with many buildings already gone and a thousand still to demolish. What had been one of the most vibrant city centres in the Pacific region, the beauty and amenity of which we had enjoyed during the Institute's conference a few years back, was effectively gone.

Recovery is happening, attested to by the vacant blocks of land that now scatter the urban landscape, awaiting their new occupants. The damage to the east of the city is significant, and many buildings remain precariously perched at the edge of collapsed hills. While these were startling reminders of the September 10 and February 11 earthquakes, it was the changes to the natural landscape that for me brought home the scale of the event.

In the estuary areas to the city's east, extensive areas now drain at low tide that had not previously done so. The land uplifted to such an extent that the tidal movements across a vast landscape now behave in ways never before seen. When seismic events move land and sea to this degree, and permanently affect their interaction so visibly, the full magnitude and power of the quake is laid out before you. Colossal and irresistible.

Yet for all this, the people here 'get on'. Clearing the damage and planning a new, and aspirational future for Christchurch. The city's reputation for hospitality is not damaged, but intact, and even enhanced.

Thanks to the EIANZ members who turned out to meet with us on the evening of the Executive meeting, and for the good cheer they shared. See you again soon, I hope.”

Michael Chilcott

EIANZ Treasurer



Photo by Bec McIntyre

From the President's Desk

The Institute's Executive have just met in Christchurch where it also hosted a members' get-together. The decision to visit Christchurch for our meeting was undertaken to help demonstrate support for our members and the people of the earthquake-ravaged Canterbury Region. We were fortunate enough to be provided with personal tours of the city and its surrounding suburbs.

This first-hand view has allowed me to better understand the full extent of the damage resulting from the earthquakes. Not only is there extensive damage to thousands of buildings over many square kilometres, there is also an incredible impact on the infrastructure services of the city. Even small movements in the surface have resulted in damage to water, sewage and electrical services. I want to thank our hosts for their hospitality and make comment that I truly admire their resilience and determination to rebuild their community. And best of luck in the World Rugby Cup!

This will be my last article with *The Environmental Practitioner* as the President of the Institute. As you are aware the nominations for the Executive Officers of the Council closed on the 2nd September and the Annual General Meeting to elect the new officers will be held on the 27th October. So you will shortly be asked to vote on a number of these positions.

The past six years have been an interesting journey. The Institute now consists of over 2,300 individuals, all well skilled, all with informed and passionate views, and from a multitude of disciplines.

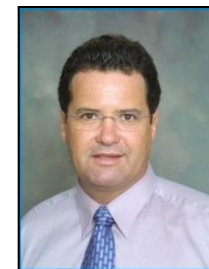
Many of those views vary and subsequently it is not always easy finding a consensus or agreed paths that the Institute should follow. However, it is an extremely healthy environment and helps promote multidisciplinary discourse. We also have many common denominators.

We all believe in the huge contribution that the profession has to make, and most importantly we all strive to achieve accountable, ethical and competent practice, so as to provide quality environmental outcomes on the ground.

We are non-political and we are not environmental evangelists. We are a professional body supported by a code of ethics, codes of conduct, competencies, professional development and accountability through a CEnvP certification program. We are focused on helping to develop an accountable practitioner and ensuring that standards of environmental practice become as sexy as environmental issues are today.

If we were to act as environmental evangelists, then our responses to government actions or policies would be less measured and more aggressive.

Minister Burke has just released his response to the Hawke Review on the EPBC Act. In this edition of *The Environmental Practitioner*, you will see our measured comment on the Government's response.





Unfortunately the government's response continues to fail in recognising that we are a young profession in a young industry. Subsequently, in our day to day professional work places, we face the issues and problems associated with a young profession that lacks real statutory recognition. Most other professions are managed by an Act of Parliament. We are not. And it is one of the underlining reasons that the Hawke review of the Commonwealth EPBC Act has recommended a code of conduct for environmental professionals.

In brief, we operate with virtually no accountabilities, whereas, most other professions are held accountable somewhere or another by some statute. In general, proponents do not trust governments or NGO's, NGO's do not trust government or proponents nor their hired guns, and the communities trust none of them. Why, because the system fails to ensure accountability of claims made from all parties operating in this space. How are environmental practitioners working for proponents, their consultants, NGO's or government officers held accountability for their assessments, evaluations and report? In general, they are not, and there are no mechanisms for enforcing accountability.

Whilst this situation remains, a number of Burke's proposals will fail. Make the professional accountable and the trust will follow, and then the streamlined processes may follow.

On a brighter note, there have been some significant achievements by the Institute during my Presidency. We continue to grow in numbers. And are financially very stable and in a good position for growth. I would like specifically to thank our Treasurer Michael Chilcott for his wonderful work in this area.

We have continued to grow the Certification scheme both in numbers and in programs. And I wish to thank the Certification Board for their tireless efforts in this area.

We now have three Special interest Sections, two of which have driven the establishment of Certification programs and the third will hopefully follow this path.

To complement these areas we have drafted, scoped out and detailed the Stepping Towards Environmental Practice (STEP) professional development program for early career practitioners. This will become the mainstay of the profession with direct links between certification, competency and accountability. We are continuing to seek funding and support to allow us to efficiently and effectively implement the program.

We have further refined the Position Statements and I thank the Policy and Practice Committee for their work in this area.

As mentioned previously, I promised my family that this would be my last term as President and this commitment has driven my decision. However what is more important is the constant influx of new ideas, new initiatives and new energy. The Institute is full of many talented people with a wide range of skills and expertise. It has been a pleasure meeting and interacting with all of you. I look forward to seeing the Institute utilising all of your skills and talents to help develop and grow the standards and competencies for environmental practice.



Photo by Bec McIntyre

We are basically a volunteer organisation which is not flush with funds. We have funds that we need to use sparingly and leverage from. There are many areas in which you can help contribute to the development of the standards of professional practice and help deliver professional development training.

Please take the time to consider how you would like to help make a difference and help this young profession mature.

I again encourage you to meet with your colleagues at the Annual Conference in Twin Waters in late September. We have provided you with an enormous number of incentives to be there including an amazingly beautiful venue and location, some great field trips to show off the region, a robust program and, most importantly, some fun social opportunities. We are also looking for help with registering students and early career practitioners. So please see our e-bulletin on how you can help here.

I would like to conclude by acknowledging the great work and efforts being undertaken by all of our Chapter and Divisional committees as well as our Standing Committees, SIs and the staff of Central Office. Without these efforts and contributions we would not be developing and growing as an organisation.

Best of luck to you all in your future endeavours.

Bill Haylock
President EIANZ

Impact Assessment Ties Strengthened in New Zealand

EIANZ will have a higher profile amongst impact assessment professionals in New Zealand following the signing of a memorandum of understanding between EIANZ and the New Zealand Association for Impact Assessment (NZAI). The MoU resulted from discussions between the EIANZ Special Interest Section on Impact Assessment and the NZAI at the EIANZ Conference in Wellington last year. The MoU will allow members of both organisations to participate in each other's events at member rates. It also provides for information sharing, coordination of events, cooperation on professional training and a commitment to actively pursue opportunities for collaboration, including for promoting improved impact assessment in the South Pacific.

While our NZ colleagues will need to move quickly to book their tickets to the Sunshine Coast for the EIANZ Conference, EIANZ members still have plenty of time to register for the NZAI Conference at Lincoln University, Christchurch on 24 -25 November. The conference theme is 'Natural disasters: impact assessment for sustainable recovery'. The conference will examine the role of impact assessment in looking beyond negative social impacts such as loss of lives, homes and livelihoods (rescue and recovery) toward stronger and more sustainable communities in the future (rebuild and adapt). Further details are at: www.nzaia.org.nz/. For information on the EIANZ Special Interest Section on Impact Assessment, please email: ia@eianz.org.

Lachlan Wilkinson
Convenor – Special Interest Section on Impact Assessment



Photo by Dr Ing Toh (NRA)

Australasian Journal of Environmental Management – Taylor & Francis Go Mobile

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With best wishes,

Jennifer McMillan
Head of Library Marketing & Communication
Taylor & Francis Group Journals

EIANZ Welcomes New Alliances

Over the past 12 months the Institute has put in place a series of Memoranda of Understanding with like minded organisation with a view to broadening the knowledge base of members of all concerned and developing reciprocity for the members of these organisations in accessing member rates to events .



ECO Canada

Society for the Environment UK



National
Environmental
Law Association
of Australia

National Environmental Law Association

New Zealand Association for Impact Assessment



Australasian Land and Groundwater Association

Safety Institute of Australia



The Society for Sustainability & Environmental Engineering



EIANZ Annual Conference Facing the Future – Actions for the Environment Professions

A hearty congratulations to the organising committee of the 2011 EIANZ Annual Conference. The conference this year was held at the beautiful Novotel Twin Waters Resort on the Sunshine Coast and although the sun proved to be a little elusive, a great event ensued.

Initial feedback from the conference has been very positive. Delegates were very pleased with both the plenary program and the concurrent streams, which provided 38 presentations and included some 27 EIANZ members and Fellows.

The Plenary program was enhanced this year with presentations from industry luminaries Dr Barry Carbon and Dr Peter Ellyard, Dr Morgan Williams, Dr Linda Selvey and Ms Jude Munro. Future luminaries impressed as well in Amanda McKenzie, Co-founder of the Australian Youth Coalition for Climate Change, Anna Skarbek, CEO of Climate Works and Dr Jamie Pittock, Director of International Programs for UNESCO and Chair of Water Economics and Transboundary Water Governance at the Australian National University.

Congratulations go to EIANZ member Ross Lawrence from Waste Solutions Australia who won an iPad2 in the Early Bird Draw.

The 2011 EIANZ Gala Dinner was generously hosted by Aargus Australia and was a roaring success. Rod Welford was Master of Ceremonies and kept the event moving along very nicely with some cheeky repartee and (not so) good jokes.



Nick Kariotoglou, EIANZ Executive member and Managing Director of Aargus and his wife Vivienne, also an Aargus Director, welcomed everyone to the dinner.



EIANZ is very grateful for the generous support given by Nick, Vivienne and all at Aargus Australia.





Following the Fellow acknowledgements, Rod Welford introduced his colleague and friend, key note speaker Professor Ian Lowe.

A master presenter, Ian regaled the audience with tales of academia and his highly acclaimed career to date. Once he had the gathering in the palm of his hand, he got down to business. Ian spoke with passion and authority on being the best environmental practitioner you can be. He urged those in attendance to learn and to grow in their knowledge and commitment to the environment.



Following Ian, retiring EIANZ President Bill Haylock introduced the Merit and Service Awards for 2011. Vivienne Kariotoglou presented the following awards:

The winner of the *Simon Molesworth Award for 2011 for Service to the Institute at Institute Level*
Leo Fietje - New Zealand Chapter

Leo Fietje is an eminent, much respected environmental practitioner in New Zealand. He has made an outstanding contribution to EIANZ since before the New Zealand Chapter was established. Leo is a former Councillor, interim Treasurer, current Secretary of the Institute. He was unfortunately unable to be present at the dinner. His award was accepted by New Zealand President Jeska McNicol who spoke of Leo's humility and dedication to the Environment Institute.



The winner of the *Mary Lou Morris Award for 2011 for Service to the Institute at Divisional or Chapter Level*
Howard Briggs
South East Queensland Division

Howard has been an integral part of The success of the South East Queensland Division. His dedication to Professional Development has been invaluable. The SEQ Division nominated Howard for his commitment to the Environment Institute and the Environment profession.



The winner of the *Tor Hundloe Award for 2011 for the Young Environmental Professional of the Year*
Melissa Cowlshaw
Far North Queensland Division

Melissa Cowlshaw has been part of the Environmental Assessment and Management team of the Great Barrier Reef Marine Park Authority since 2008. She is also due to submit her doctoral thesis on fish behavioural responses to environmental changes at James Cook University in the coming months. Melissa has participated in numerous professional development opportunities and holds various practical qualifications. She is a member of several community networks and holds various positions on charity boards within North Queensland





The winners of the *Eric Anderson Award for the Outstanding Article in the Australasian Journal of Environmental Management*

Darla Hatton-McDonald and Mark Morrison

Journal Editor Prof Helen Ross announced this years Eric Anderson Award and presented it to Darla Hatton-McDonald for her shared authorship of the article “*Valuing Biodiversity using Habitat Types*” in the December 2010 edition of the Journal



The winner of the *Certified Environmental Practitioner of the Year* for 2011 is **Simon Leverton – Victorian Division**

Nigel Murphy, Chair of the Certified Environmental Practitioner Scheme (CEnvP) Board introduced this award. Simon is an outstanding environmental practitioner who has worked for government and the private sector. His work currently assists private sector and government clients meet regulatory compliance, strive for best practice and implement resource efficiency and monitoring initiatives. For further information go to www.cenvp.org



Taking out the final award of the evening, the *EIANZ Corporate Award for Excellence in Professional Practice Biodiversity Assessment & Management*

BAAM was awarded for outstanding pro bono services to stimulating the establishment, growth and success of the Glossy Black Conservancy, a partnership between local councils, government agencies, private enterprise, researchers and the wider community to increase awareness and promote a unique and collaborative approach towards the management and conservation of the Glossy Black Cockatoo, a threatened bird species.



In his address to the audience as President, Bill Haylock acknowledged the five Institute members recently elevated to Institute Fellowship:

- Dr Barry Carbon – WA
- Mark O'Brien – ACT
- Lachlan Wilkinson – ACT
- Dr Cecil Camilleri – SA
- Nick Graham-Higgs – NSW
- Jon Womersley - SEQ



Photo by Terry Reís (NRA)

ISO Technical Committee – Environmental Management

The International Standards Organisation recently held the 17th Plenary of its Technical Committee 207 responsible for developing environmental management standards in Oslo, Norway. The Committee has a broad remit that includes EMS, Environmental Auditing, Life Cycle Assessment (LCA), Greenhouse Gases (GHG) and Environmental Labeling amongst other topics.

The formal meeting was held over five days and involved more than 300 representatives of national standards bodies and liaison organisations.

The outcome of the meeting was to continue work on developing and revising the following standards:

Subcommittee 1 Environmental Management (Standards Australia Mirror Committee QR11)

- Published *ISO 14005 Environmental management systems – Guidelines for the phased implementation of an environmental management system, including the use of environmental performance evaluation and 14006 Environmental management systems – Guidelines for incorporating ecodesign.*

- Revising *14001:2004 Environmental management systems – Requirements with guidance for use and ISO 14004:2004 Environmental management systems – General guidelines on principles, systems and support techniques 14001.* Revisions to these standards are likely to commence later this year and are aimed for completion in 2015.

Subcommittee 2 Environmental Auditing and related activities (Standards Australia Mirror Committee QR11/6)

- Revising *ISO 14015 Environmental management – Environmental assessment of sites and organizations (EASO)* this will commence with the distribution of a questionnaire seeking information about the use of the standard.
- Continuing to investigate current developments on auditing/verification of publicly available environmental and sustainability reports.
- Developing competence standards for the selection of EMS auditors by certification bodies.

Subcommittee 3 Environmental Labeling (Standards Australia Mirror Committee EV003)

- The subcommittee is currently considering a revision of *ISO 14020:1999 - Environmental labels and declarations – General principles.*
- Finalising an amendment to *ISO 14021: 1999 – Environmental labels and declarations – Self-declared environmental claims (Type II environmental labeling)* with respect to recycling symbols for circulation by ISO Central Secretariat.



Photo by Terry Reís (NRA)

ISO Technical Committee – ctd..

Subcommittee 4 Environmental Performance Evaluation (Standards Australia Mirror Committee QR11)

- Revising *ISO 14031:1999 Environmental management – Environmental performance evaluation – Guidelines*.
- Developing a new standard *ISO/DTS 14033 Environmental management – Quantitative environmental information – Guidelines and examples*.

Subcommittee 5 Life Cycle Assessment (Standards Australia Mirror Committee QR11/6)

- Developing a new standard entitled *ISO 14045: Eco-efficiency assessment – Principles and requirements*.
- Developing a new standard entitled *ISO 14046: Water footprint – Requirements and guidelines*.

Subcommittee 7 GHG Management and related activities (Standards Australia Mirror Committee EV15)

- Developing *ISO 14067 Carbon footprint of products – Requirements and guidelines for quantification and communication (WG2)*. This is ongoing work with the standard at the Committee Draft stage and is expected to be published in 2012.

- Development of *ISOTR 14069 Greenhouse gases – Quantification and reporting of GHG emissions for organizations – Guidance for the application of ISO 14064-1*. This is ongoing work with the standard at the Working Draft stage and is expected to be published in 2013.

Any members who wish to contribute to the standards development process by submitting ideas or suggestions can do so either by directing their comments to the Secretary of the relevant Standards Australia Mirror Committee (20 Bridge Street Sydney NSW 2000) or by contacting the Institute's Representative Stan Rodgers (mail@avteq.com.au) on these national committees.

Stan Rodgers

EIANZ representative on



Photo by Terry Reis (NRA)

EIANZ comments on the Australian Government's Response to the Hawke Report (EPBC Act Review) *Opportunities Missed, More to be Done...*

Following the release of the Australian Government's response to the recommendations of the Hawke Review of the EPBC Act, the environment profession will be disappointed that the Australian Government has missed an opportunity to improve both the functioning of the EPBC Act, and to underpin the delivery of improved environmental outcomes under its operations.

The EIANZ also recognises that the Government's response creates some opportunity to engage further with the Government to deliver on its key actions arising from the review.

For many years, the Institute has advocated that "Good environmental policy plus Good environmental practice will help provide Good environmental outcomes". Unfortunately the Government's response has missed an opportunity to underpin improved practice, and so has missed an opportunity to achieve better outcomes.

The Hawke Report received numerous submissions that expressed significant concern in relation to the quality and accountability of environmental practice. These comments related specifically to the preparation of project approvals documentation required under the EPBC Act, such as referrals and impact assessments.

This was acknowledged by the Government, which stated in its response to the review that:

"The Australian Government recognises there is concern in the community about the quality and objectivity of information provided by some proponents in environmental impact assessment processes."

In the Institute's view, and reflecting the view of its members, it could not be clearer that a problem does exist. In not accepting the recommendations of the review (to improve this area of the Act's operation) the EIANZ believes the Government has missed a critical opportunity to address a problem that it acknowledges was brought to its attention by the profession and others.

The EIANZ will continue to seek the support of the Government to address this issue. As a first step, the requirement for practitioners within the industry to commit to working within a code of ethics is critical. This does not require the government to prescribe a specific code of conduct, as its response suggests.

Codes of conduct have already been developed by a range of professional bodies. What is required is the Government's direct encouragement for practitioners to commit, and adhere, to a code of conduct.

To assure ethical and accountable behaviour, participants in the environment industry need to adhere to codes of conduct. All members of the EIANZ are required to, and do, meet this standard.

While identifying missed opportunities, the EIANZ also recognises that the Government's response includes welcome developments, which can form a basis for immediate engagement with the Institute and the profession.

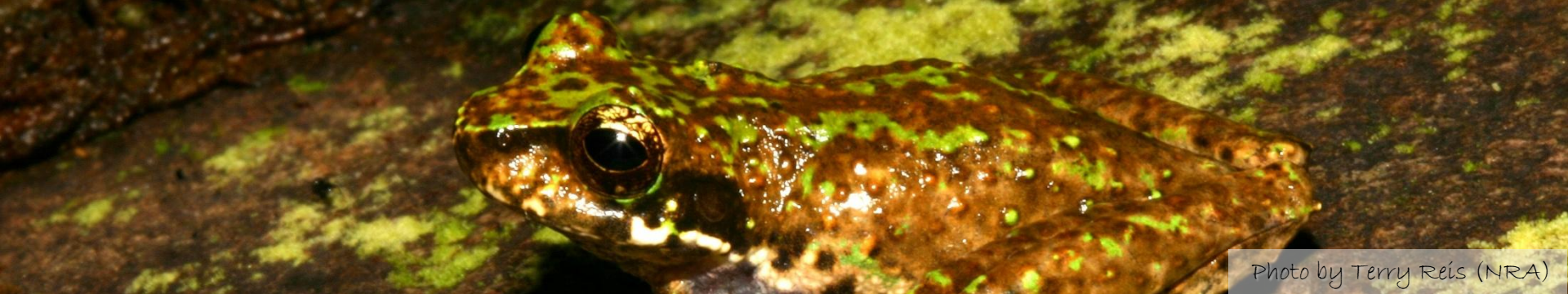


Photo by Terry Reis (NRA)

Hawke Report (EPBC Act Review) ctd...

Among these, the EIANZ supports the Government's call for expressions of interest for a new National Centre for Cooperation on Environment and Development.

The EIANZ agrees that this represents an initiative that can promote better decision making, and will enter into discussions with potential partners with a view to participation in this National Centre.

The new Centre is proposed to provide a neutral forum for industry, scientists, non-government organisations and governments to work together to develop recommendations for national environmental standards, guidelines and procedures under national environment law.

Potential partners in this centre have been identified as universities, research institutions, government and non-government organisations. The Government's intention is to seek partners who share the goal of greater cooperation to deliver better results in environmental decision-making, and improve the community's confidence in the operation of laws in this area.

The EIANZ agrees that this Centre will provide an opportunity for all of us to create good policy, with good practice and thus provide good environmental outcomes on the ground. This has been a long-term objective of the EIANZ, and the Institute is therefore keen to support its development.



Land Capability Assessment for On-site Wastewater Management

**2 - 4 November 2011
Melbourne, VIC**

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Environmental Auditor Certification Workshop (5 days)

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Brisbane 8th - 12th August

Newcastle 19th - 23rd Sept

Sydney 17th - 21st October

For more information phone 02 4927 8500 email training@grahamabrown.com.au or visit www.grahamabrown.com.au



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Photo by Dave Manson

Member Snapshot – *Lucy Richardson*

Quals: Bachelor of Engineering, Environmental (Hons)

What do you do?

As Science Leader at Condamine Alliance (a regional natural resource management body in Queensland), I manage the organisation's science portfolio of projects and the GIS mapping staff, coordinate the organisation's monitoring, evaluation, reporting and improvement processes and lead our knowledge management initiatives.

How did you get there?

I was lucky enough to have the opportunity to work in a wide range of fields as a graduate within a large consulting firm (e.g. soils and land assessments, environmental impact statements, environmental management plans, irrigation dam design, hydrologic and hydraulic modelling). This gave me a breadth of interest and basic understanding that has supported my current role very well.

Best aspects of your work?

I love the excitement and challenge of finding new science and information to support decision-making, including designing innovative approaches into our proposals and projects.

Biggest environmental concern?

Are we doing enough?



How and why did you get involved with EIANZ?

As the peak professional body for environmental practitioners, I felt it important to maintain my professional relevance and currency through membership. When Condamine Alliance received certification against ISO 9001:2001 Quality Management and ISO 14001:2004 Environmental Management Systems, I coordinated our organisational application for corporate membership of EIANZ, which has been in place for about a year now. This provides further support and on-going incentive to maintain our systems and knowledge currency on environmental matters.



Photo by Dave Manson

Member Snapshot – Warren McGrath

Quals: Bachelor of Environmental Science (Honours) Murdoch University

What do you do?

WA State Manager for Eco Logical Australia

How did you get there?

I started my professional working career in 1999 as a Research Officer at Murdoch University looking at mine rehabilitation for Worsley Alumina and Alcoa World Australia. A couple of years later I was offered a position at Welker Environmental Consulting as an Environmental Consultant and over the next nine years gained experience in EIA, environmental approvals, conservation planning and management, and environmental auditing. I left my position as Technical Director / Senior Principal at Strategen in mid-2010 to join Eco Logical Australia as WA State Manager. It's been an adjustment moving into a more dedicated management position and overseeing not only approvals work, but now ecological services as well - but exciting.

Best aspects of your work?

Finding ways to offer clients different solutions through a more science-based approach to EIA and managing, nurturing a growing team of talented and skilled environmental professionals, and having fun at work. I have very much enjoyed the challenge of running our Perth office and learning management skills on the job.

Biggest environmental concern?

The impacts of climate change globally with a local concern in regard to what a drying south-west climate means to biodiversity, threatened flora and fauna, our aquatic systems, agriculture, water supply, and our way of life. I am also concerned with how we will adapt to predicted rises in sea levels and what impacts this will have on coastal ecology and wetlands.



How and why did you get involved with EIANZ?

I joined EIANZ about five years ago after a colleague mentioned to me the Adelaide EIANZ Conference he had attended, I believe, in 2006. I was looking for a professional association that was not restricted to WA and where I would have opportunity to network with environmental professionals across the country. I quickly got involved with the External Relations Committee and joined the WA Committee. I unfortunately had to retire from these committees due to other commitments but very much enjoyed that time and hope to return at some point.



Photo by Dave Manson

Member Snapshot – Sam King

Quals: Bachelor of Tourism (Hons), Graduate Diploma in Applied Science

What do you do?

Environmental Engineer at Beaconsfield Gold Mine

How did you get there?

I always knew I wanted to work in the environment sector. My first interest at uni was nature-based tourism, and my honours thesis was on visitation to national parks in South-West Australia, and was funded by the Department of Environment and Conservation. Whilst studying, I worked as a research assistant for Murdoch and Curtin Universities in Perth, Western Australia. I started working in the resources sector as an Environmental Advisor for Citic Pacific Mining in 2007. I moved to Tasmania in 2009 and worked for Aquateco Consulting for a short time before being employed at the Beaconsfield mine in March 2010.

Best aspects of your work?

The mix of office and field work – I get to put my report writing skills to work and then go out into the bush and get away from it all – it's such a diverse role. Also, I like helping companies to be able to improve their environmental performance.

Biggest environmental concern?

Feral species – there are so many of them in Tassie and they are so hard to control. It is upsetting to see them threatening the survival of our native species.

How and why did you get involved with EIANZ?

After the Air Quality Seminar in Launceston in March 2011. The brochure sold me! And I was already looking to join an environmental organization to become part of the environmental network in Tassie, so it wasn't a difficult decision.

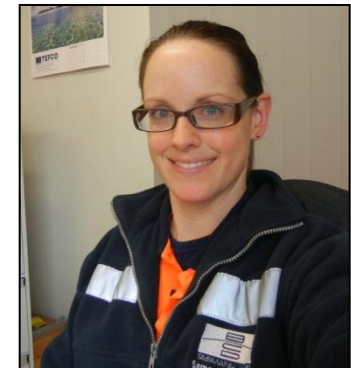




Photo by Terry Reis (NRA)

New Members

Division	First Name	Last Name	Category
ACT	Walter	Reinhardt	STUDENT
ACT	Karen	Hussey	FULL MEMBER
ACT	Paul	Rutherford	FULL MEMBER
FNQ	Seth	McCann	FULL MEMBER
FNQ	Wendy	Smith	FULL MEMBER
FNQ	Mathew	Hopwood-Glover	FULL MEMBER
FNQ	Alisia	Bean	STUDENT
FNQ	Kevin	Kane	FULL MEMBER
FNQ	Caroline	Sandral	FULL MEMBER
FNQ	Melody	Field	STUDENT
NSW	Christopher	Richard	FULL MEMBER
NSW	Josephine	Heltborg	FULL MEMBER
NSW	Kathleen	Bunting	FULL MEMBER
NSW	Peter	Marshman	FULL MEMBER
NSW	Philip	Haines	FULL MEMBER
NSW	Fiona	McDonald	STUDENT
NSW	Quannah	McBride	ASSOCIATE
NSW	Abby	Zensea	FULL MEMBER
NSW	Adam	Littman	FULL MEMBER
NSW	Patrick	Page	STUDENT
NSW	Mia	Dalby-Ball	FULL MEMBER
NSW	Camilla	Edmunds	ASSOCIATE
NSW	Gabrielle	Allan	FULL MEMBER
NSW	John	Furestad	STUDENT
NSW	Toni	Stevens	FULL MEMBER
NSW	Jacqueline	Lumsdaine	ASSOCIATE
NSW	Kate	Kelleher	FULL MEMBER
NSW	Rebekah	Lambert	STUDENT
SEQ	Azèdeh	Nia	ASSOCIATE
SEQ	Matthew	Vesey	FULL MEMBER
SEQ	Catherine	Pienaar	ASSOCIATE

Division	First Name	Last Name	Category
SEQ	Sally	Wilson	FULL MEMBER
SEQ	Geoff	Shardlow	FULL MEMBER
SEQ	Kevin	Masterton	FULL MEMBER
SEQ	Phil	Hrstich	STUDENT
SEQ	Wendy	Simpson	FULL MEMBER
SEQ	Rachel	Fletcher	FULL MEMBER
SEQ	Darren	Grover	FULL MEMBER
SEQ	Samuel Tien Gin	Phua	FULL MEMBER
SEQ	Kate	McBean	FULL MEMBER
SEQ	Helen	McCarthy	FULL MEMBER
SEQ	Callum	Gawne	STUDENT
SEQ	Erik	Dekker	FULL MEMBER
SEQ	Matthew	Davis	FULL MEMBER
SEQ	Mark	O'Neill	ASSOCIATE
SEQ	Carleen	Bush	FULL MEMBER
SEQ	Ben	Retschlag	FULL MEMBER
SEQ	Kimberley	Hunnam	FULL MEMBER
SEQ	Samuel	Leicester	FULL MEMBER
SEQ	Joanne	Chambers	FULL MEMBER
SEQ	Natalie	Shaw	FULL MEMBER
SEQ	Andrew	Balch	FULL MEMBER
SEQ	Christine	Killip	FULL MEMBER
SEQ	Geoff	Sharp	FULL MEMBER
SEQ	Memento	Hudson	FULL MEMBER
SEQ	Karen	Roberts	FULL MEMBER
SEQ	Magdalena	Steffens-Bartrim	FULL MEMBER
SEQ	Laura	McKenzie	ASSOCIATE
SEQ	Erin	Holton	FULL MEMBER
SEQ	Andrew	Wiebe	FULL MEMBER
SEQ	Hau	Nguyen	STUDENT
SEQ	Kalara	McGregor	FULL MEMBER

Division	First Name	Last Name	Category
SEQ	Kim	Bowra	FULL MEMBER
SEQ	Angela	Gorge	STUDENT
SEQ	Sophie	Gibbs	FULL MEMBER
SEQ	Daniel	Clowes	FULL MEMBER
SEQ	Jarrad	Cousin	FULL MEMBER
SEQ	Kaleena	Fry	FULL MEMBER
SEQ	Andrew	Hepworth	FULL MEMBER
SEQ	Clint	Verhagen	FULL MEMBER
SEQ	Ryan	Stewart	STUDENT
SEQ	Mehul Jaysukhlal	Thanki	FULL MEMBER
SEQ	Fiona	Bengtsson	STUDENT
SEQ	Shayna	Burton	STUDENT
SEQ	Daniel	Meloncelli	STUDENT
TAS	James	Burke	FULL MEMBER
TAS	Evan	Boardman	FULL MEMBER
TAS	Simon	Chislett	ASSOCIATE
TAS	Delia	Tyson	FULL MEMBER
TAS	Alasdair	Wells	FULL MEMBER
TAS	James	Hill	FULL MEMBER
VIC	Bethany	McNaught	ASSOCIATE
VIC	Kerrie	Atkins	FULL MEMBER
VIC	Joshua	Martin	FULL MEMBER
VIC	Jack	Holden	FULL MEMBER
VIC	Megan	Ridgway	STUDENT
VIC	Michael	Sale	FULL MEMBER
VIC	Lynnell	Davis	FULL MEMBER
VIC	Catherine	Dear	FULL MEMBER
VIC	Justin	Mercer	FULL MEMBER
VIC	Tony	Aiezza	FULL MEMBER
VIC	Courtenay	Wheeler	ASSOCIATE

Division	First Name	Last Name	Category
WA	Joseph	Sanderson	FULL MEMBER
WA	Jacquei	Burgin	ASSOCIATE
WA	Rachel	Beasley	ASSOCIATE
WA	Jonathan	Davies	FULL MEMBER
WA	Mark	Brown	FULL MEMBER
WA	Emma	Dade	ASSOCIATE
WA	Lara	Carroll	ASSOCIATE
WA	Padmanabhan	Mohan	STUDENT
WA	Leana	Rose	STUDENT
WA	Juliet	Spagnolo	FULL MEMBER
WA	Simonne	Grimes	FULL MEMBER
WA	Teresa	Eldridge	FULL MEMBER
WA	Mark	Edebone	FULL MEMBER
WA	Elinor	MacManus	STUDENT
WA	Craig	Tarbotton	ASSOCIATE
WA	Annette	McGovern	FULL MEMBER
NZ	Peter	Savage	FULL MEMBER
NZ	Julia	Baker	STUDENT
NZ	Simon	Pollock	ASSOCIATE
NZ	May	Chang	FULL MEMBER
NZ	Sebastian	Mierau	FULL MEMBER
NZ	Craig	McCutcheon	FULL MEMBER
NZ	Marie Ann	Smith	FULL MEMBER
NZ	Marta	Karlik-Neale	FULL MEMBER
NZ	Shelley	McMurtrie	FULL MEMBER
NZ	Alex	James	FULL MEMBER
SA	Mark	Sabolch	FULL MEMBER
SA	Cathy	Chesson	FULL MEMBER



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