

Photo by Dr Rebecca McIntyre MEIANZ

The Environmental Practitioner

ISSN 1834-7738

Number 16

December 2009



Environment
Institute of
Australia and
New Zealand

In this end-of-year issue we hear about the EIANZ Annual Conference and Merit Award Dinner, get a look ahead at Climate Change Skills Training being organised by the Institute, and learn about new EMS for SMEs.....

EIANZ Benefactor



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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 Ivan Pasalich MEIANZ

Editorial

As new Communications Editor for EIANZ I would like to say a big hello to all members, and recognize the hard work of predecessor David Hogg who initiated this newsletter in early 2006 and has been an active Council member for 14 years. In contrast, I am new to the Executive and to the Institute, and quickly realising the considerable effort and dedication that goes on behind the scenes.

In his June 2009 editorial, David Hogg provided an editorial on possible ways forward for EIANZ communications. Can I emphasise that the methods EIANZ use to communicate to members are still open to change, and that I continue to welcome your input on these issues.

The first small step that you may have quickly noticed has been a new look to the newsletter, courtesy of Operations Manager Anne Young.

Another step has been commencement of the process of merging New Zealand and Australian newsletter efforts to produce a combined publication that better represents the international nature of the Institute. The Kiwi Chapter has been particularly active in producing a regular newsletter for members, and I'm sure there will be sufficient cross-interest in many articles to bridge the Tasman gap.

Greetings

This issue of The Environmental Practitioner provides a lowdown on the Annual Conference and Gala Dinner, held in Canberra from October 20-21, and other updates including progress organising EIANZ's Climate Change Skills training program. And of course now we can all start looking forward to the next EIANZ Conference '*From Discovery to Delivery: Science, Policy, Leadership, Action*' being held in Wellington, New Zealand from 27-29 October 2010.

The deadline for contributions to the next newsletter will be 27 February 2009 – so send your articles, news items, events or ideas to me at communications-editor@eianz.org.

I am starting a 'member snapshot' section (see page 14) to highlight the diverse backgrounds of our members and their motivations. So if you would like to be next for 15 mins of fame, please send me a little photo and your responses.

Can I also take this opportunity to wish all members a relaxing Christmas and a wonderful New Year. See you all in 2010.



Rebecca McIntyre MEIANZ - Communications Editor

From the President's Desk

Dear Members,

What an interesting and hectic year we have witnessed.

As we go to press, the 15th United Nations Climate Change Conference (COP15) being held in Copenhagen (København for our Scandinavian members) is in full swing. We will know the outcomes, agreements and challenges ahead before Christmas. Will the developed and the emerging economies reach consensus and agree to sustainable and effective emission reduction targets?

As a result of COP15, the sustainability and protection of the environment is certainly front-and-centre, in terms of political and media agenda items.

New Zealand has announced that it will cut its greenhouse gas (GHG) emissions by 10 to 20 percent below 1990 levels by 2020. How Australia ultimately responds and implements a GHG management Act is of immense interest to the Institute and many of its members who are, or will be, working in this climate change space.

For both Australia and New Zealand, the standards of professional conduct and practice to undertake the various tasks (emissions auditing and assessment, energy efficiency and eco-efficiency assessments, carbon sequestration credits and carbon credits) will be most important in delivering an effective, efficient, credible and

transparent system. High standards of professional conduct will help to deliver the mitigation and adaptation works required to address the issue with scientific rigour.

Subsequently, the Institute is continuing to make submissions on all major environmental policies and regulatory provisions, both at state and federal levels. We continue to advocate our key message; *Good environmental policy + good environmental practice = good environmental outcomes.*

In the past three months we have conducted the annual Council Face to Face meeting, the Annual Conference in Canberra and the 2009 Annual General Meeting (AGM). As a result of the 2009 AGM we now have a new Executive, comprising:

Bill Haylock FEIANZ CEnvP, President;
Tiffany Thomson MEIANZ, Vice President (Aust) *new appointment*;
Tom Burkitt MEIANZ, Vice President (NZ) *new appointment*;
Leo Fietje MEIANZ, Secretary;
Michael Chilcott MEIANZ, Treasurer;
Rebecca McIntyre MEIANZ, Communications Editor *new appointment*;
and
Nick Kariotoglou MEIANZ, Special Projects Director.



I would like to take this opportunity to sincerely thank Dr David Hogg, Mr Justin Sherrard, and Professor Ian Spellerberg, the retiring Executive members, for their tireless efforts and contributions.

A number of initiatives have also been adopted and we are actively investigating others. In brief these are as follows:

- We have undertaken a review of the Institute's *Vision, Mission Statement & Primary Purposes*. Take the time to refer to the website for amendments;
- Tiffany Thomson, Tom Burkitt, Alan Chenoweth and Rebecca McIntyre have formed a working group to review of the wording of the EIANZ Code of Ethics and Professional Conduct and report back to Council;
- Membership Survey results are in. Please contact Central Office for feedback;
- Chairs of the various Standing Committees will be communicating with those members who have expressed an interest in working with a Committee and establish whether they are interested in joining a Divisional or Institute Committee;

➤ Nick Kariotoglou, Michael Chilcott and Bill Haylock will put together a proposal detailing the need for an Institute CEO. This will include a job description (tasks, KPI's, bonus package, review & evaluation), how it will be funded. Proposal to be distributed to Councillors for Council consideration;

➤ Tiffany Thomson has been appointed as the Chair, Climate Change Special Interest Section. We will be re-engaging with members for this SIS in early 2010 to generate some good interest and activity;

➤ Council has adopted the Position Statement on Biodiversity. Refer to the website for a copy;

➤ Council has recommended that the Policy and Practice Committee pursue the Position Statement on the Social Aspects of Sustainability;

➤ Michael Chilcott, Helen Ross, Bill Carter and Rebecca McIntyre are to form a working group to determine the viability of the Journal going forward;



➤ The Council has now negotiated with WME Magazine, a members-only rate. See the Central Office announcement on how to subscribe. I would like to take this moment to thank Ross May, Publisher of WME for the generosity of providing members the magazine free of charge over the past 18 months.

➤ This year the Institute's operations generated a surplus of \$130,000. I would like to thank Michael Chilcott for his guidance and diligent efforts in helping the Institute to achieve this outcome.

The Canberra Conference 2009 was a great event and once again provided members and other practitioners with the opportunity to undertake various professional development programs, attend keynote presentations, present research and concepts in front of their peers, and help contribute to environmental practice, policy and standards. A large thankyou to Richard Sharp, the Conference Organising Committee, and the ACT Division.

The Wellington Conference 2010 will be aiming to deliver similar professional development opportunities from 27 October 2010. The theme for the New Zealand Conference 2010 is "From Discovery to Delivery: Science, Policy, Leadership, Action".

Take the time to visit the Conference website at www.confer.co.nz/eianz2010 for all the details.

As always behind every great organisation are a team of dedicated workers. A large thankyou to Anne, Katherine and Melissa in Central Office for all their help and efforts over the past year.

And finally, I would like to wish you all a safe and merry festive season.

Bill Haylock - President EIANZ





Photo by Ian Wiseman MEIANZ

Thank you David Hogg

On behalf of the Council and members of EIANZ, we wish to extend a very sincere thank you to Dr David Hogg FEIANZ CEnvP for his tireless work as Council member for the past 14 years and Communications Editor over the past 3 years.

Listed below are just some of David's contributions to the Institute:

- ACT Division Committee Member 1989-1997
- Vice-President ACT Division 1995-1996
- Council Member 1995-2009
- Council Secretary 1997-2005
- Newsletter/Communications Editor 2006-2009
- Chair Professional Development Committee 2009-



David has been an environmental practitioner based in Canberra since 1973, having abandoned a previous career in biochemical research and undertaken further studies to become one of Australia's first graduates from a specialist environmental studies course.

Gradually winding back his consultancy interests with a view to future retirement, David is becoming increasingly involved in helping others to develop their environmental skills through mentoring and professional development.

Following an amazing 14 years on the Institute as Councillor, David resigned from the Executive and Council this year to become the Chair of the Professional Development Committee, which has an important role to play in the future of the Institute. David possesses a wealth of knowledge in relation to the history, governance and spirit of the Institute and is a much valued member.

We wish David every success with the Professional Development Committee and sincerely thank him for his contribution to the Institute.

Anne Young - Operations Manager (Central Office)



Contaminated Site Assessment, Remediation and Management (CSARM) Professional Development Short Courses for Environmental Practitioners

ARE YOU

an environmental scientist, engineer, manager or consultant seeking to update your knowledge, aspiring to become a site auditor, as part of your career development, considering a postgraduate degree in environmental field?

Whether you are new to the field of contaminated site assessment and management, or seek to broaden or strengthen your skills, this short course program, supported by the NSW Department of Environment Climate Change and Water, ***will be of value to you.***

NEXT MODULE: **Module A: Ground rules for Contaminated Sites – 11th to 13th February 2010**

Registration and program details: <http://www.science.uts.edu.au/courses/csarm.html>

Six self contained modules are presented throughout 2010 and will cover the legal and regulatory requirements governing CSARM, site and risk assessment approaches to investigation, remediation plans and site management reporting obligations.

2010 Program details at www.science.uts.edu.au

Full price of each module is \$1200, Early Bird registration \$950. There are attractive discounts, up to 30% of the full price, for taking two or more modules and for members of the professional societies and UTS Alumni. These modules contribute to UTS Masters of Science program

For more information, contact Marea Martlew 02 9514 1766, marea.martlew@uts.edu.au



Photo by Dr Rebecca McIntyre MEIANZ

EIANZ Annual Conference & Merit Award Dinner, Canberra, October 2009

The EIANZ Annual Conference held at Hotel Realm in Canberra in October was very well received. On behalf of the Institute Council, I'd like to thank the Conference Organising Committee of Richard Sharp (Chair), Margaret Nicholson, Cormac Farrell, Mark O'Brien, Pip Marks, Stefanie Pidcock and Mechelle Swanepoel for a great program. Thanks also to Conference Logistics for their hard work in bringing the event together.

The conference – *Policy to Practice – Achieving better environmental outcomes* was held over two days, with streamed professional development sessions and plenary program running concurrently, attracted delegates from all over Australia and New Zealand. Feedback on the conference has been very positive with delegates enjoying the program and the venue.

The Aargus sponsored Gala Dinner was also a grand affair. This year for the first time, the Institute awarded its first Corporate Award for Excellence in Professional Practice with the inaugural award going to the Great Barrier Reef Marine Park Authority.

And the winners were...

Simon Molesworth Award for Outstanding Service to the Institute at Institute Level – 2009 Winner Nigel Murphy MEIANZ CENVP

The Award was presented to Nigel for his extraordinary contribution to the Institute as Co-Founder and Chair of the Certification Program and his work as Victoria's representative on the Institute Council

Mary Lou Morris Award for Outstanding Service to the Institute at Divisional Level – 2009 Winner Steve Wilke FEIANZ

The Award was presented to Steve for his tireless work for the WA Division over many years. At one point, Steve held the positions of Divisional Secretary, Treasurer, CEnvP Coordinator, Divisional website coordinator and WA Division's representative at Council! A very worthy winner of this award.

Certified Environmental Practitioner of the Year - 2009 Winner Mark O'Brien MEIANZ CEnvP. Mark O'Brien was acknowledged for his outstanding contribution to environmental practice in the areas of carbon emission assessments and climate change mitigation and for his ongoing achievements, including involvement in the largest single year verified greenhouse mitigation project in Queensland during 2006-2007, and most recently, for his work with the Hibiscus Films production *My Year without Sex* to reduce the film's carbon footprint and improve its environmental and social cultural sustainability.

Tor Hundloe Award for Outstanding Young Environmental Practitioner of the Year - 2009 Winner Louise Rhodes MEIANZ. Louise Rhodes was awarded this year's Young Environmental Practitioner of the Year Award for your dedication to continual learning in environmental and sustainability management.

Eric Anderson Award for the Outstanding Article in *The Australasian Journal of Environmental Management* – 2009 Winners Chris Jacobsen, Marc Hockings and RW (Bill) Carter . The authors were recognised for their article entitled "*The Status of Protected Area Management Evaluation in Australia and Implications for its Future*" in the December 2008 issue.

EIANZ Award for Excellence in Professional Practice – 2009 Winners Great Barrier Reef Marine Park Authority (GBRMPA). The Great Barrier Reef Marine Park is considered by many around the world as a leading example of world's best practice leadership and management which includes legislation, planning, policy, environmental assessment, partnership, education, permits and compliance.

On behalf of the Executive, Council and Staff of EIANZ, we congratulate the winners of the 2009 EIANZ Service and Excellence Awards



Photo by Dr Rebecca McIntyre MEIANZ

EIANZ Service and Excellence Award Dinner 2009

Key Note Address

Chris Darwin, great-great grandson of famous naturalist Charles Darwin delivered a most enlightening and entertaining key note address. Chris spoke of his famous forebear with love and respect and gave a family insight into the man many believed to be the father of evolution. Chris spoke of Charles' journeys and research and his written works – some of which have not been out of print since the nineteenth century. He spoke of Charles' quite considerable opponents, his strength under the weight of this opposition and his passion for natural sciences. Chris Darwin was funny and engaging, and delivered an address that will be long remembered by those who attended.

Next year the conference will be held in Wellington, New Zealand. We wish the organising committee every success and look forward to next year's event.

Finally, on behalf of all at Central Office of the Institute I would like to wish all members and their families a happy and safe Christmas and a healthy and prosperous New Year.

Anne Young - Operations Manager (Central Office)



Award Winners with Bill Haylock and Chris Darwin
From left: Chris Jacobsen, Louise Rhodes, Steve Wilke, Bill Haylock, Nigel Murphy, Chris Darwin, Mark O'Brien and Colin Elliott (GBRMPA)



Photo by Dr Rebecca McIntyre MEIANZ

2009 Award Winners



Chris Jacobsen



Steve Wilke FEIANZ



Mark O'Brien MEIANZ CEnvP



Louise Rhodes MEIANZ



Nigel Murphy MEIANZ CEnvP



Great Barrier Reef Marine Park Authority



Proud sponsor of the EIANZ 2009 Annual Gala Dinner

The definition of the word Aargus, as taken from the Oxford Dictionary, portrays the watchful guardian. In Greek Mythology, Aargus was known as the person with one hundred eyes. Today, we have combined both definitions to create a philosophy and logo signifying a global grid with an eye... "watching over the earth".

Aargus was formed from a consortium of key professionals from Australia's leading environmental and management companies - specialists in land contamination, remediation, wastewater, geotechnical engineering, soil testing and drilling, chemicals, occupational health and safety and marketing.

Aargus' team of experienced professionals understand the goals of business development but also appreciate the impediments and risks that environmental concerns, effective marketing or business strategies present. To help our clients manage the complex issues associated with the extensive use of chemicals in our society, demassification of markets and business rationalisation, Aargus has developed ***Integrated Environmental Management Services (IEMS)*** that help decision-makers balance market and environmental risks with fundamental economic interests.

Aargus combines input from environmental and soil scientists, hydrogeologists and engineers, marketing professionals, business analysts, industrial hygienists, chemists, ecologists and toxicologists. From initial planning to complete project management, Aargus offers its clients complete technical expertise and reliable, insightful advice.

Disciplines

Aargus is located in New South Wales, Victoria, Queensland, South Australia and four overseas offices throughout Europe, the Middle East and Asia. Primary services that can be provided are:

- Environmental Services for Soil, Air, Noise, Water, Waste and Industry
- Environmental Remediation and Treatment Services
- Geotechnical Engineering, Drilling and NATA Registered Laboratory Testing
- Retail Shops & Vans supplying products & re-using packaging
- Corporate & Personal Training

Aargus has combined these businesses to provide an ***Integrated Environmental Management Service*** at the one contact point. Over 8,000 projects conducted throughout all disciplines.

Aargus Australia congratulates all winners of the EIANZ 2009 Service and Excellence Awards.



Photo by Ian Wiseman MEIANZ

EIANZ's Climate Change Skills Training

Six months ago in this Newsletter we gave an update on EIANZ's Climate Change Skills Training program. What has happened since and what is planned for 2010?

June 2009's edition explained how EIANZ's program commenced, the partnerships that EIANZ created and the three forums that had been conducted with over 250 attendees. Since then, EIANZ has conducted more forums and, with the Department of Climate Change's agreement, has decided to shorten the program to complete it in 2010.

Homeland Security, also a Climate Change training grant recipient, held a workshop in September 2009 and invited EIANZ to attend and present on its program. Mark O'Brien, EIANZ's ACT Division President, presented, learnt how other organisations were placed for skills training and was able to promote ACT's 2010 forum and the 2009 EIANZ Conference in Canberra.

At October's EIANZ Conference, a workshop explored the challenges of Climate Change for local authorities. Attendees learnt about local government planning tools and how tools might apply to a coastal scenario.

As 2009 draws to a close and COP 15 at Copenhagen looms, EIANZ is gearing up to help more professionals and practitioners in 2010.

You should visit the EIANZ website on Climate Change education (<http://www.eianz.org/professional-development/climate-change-education>) . It is rich in Climate Change training plans and climate change data.

Future forums

Divisions' scheduled forums for 2010 are listed below.

Forum	Organiser (Division)	Scheduled Date
ACT		18 March 2010
NSW		30 April 2010
SEQ		May 2010
WA		May 2010
SA		May 2010
FNQ		June 2010
NZ		June 2010
VIC		July 2010

These forums are referred to on the website as the program's Module 1. Their subject matter differs from Division to Division depending on the themes of importance for the location. For example, Infrastructure was important to SEQ and the Great Barrier Reef to FNQ. At this early stage, in contention with a number of themes, NSW is interested in the Business Case and ACT is considering Alpine impacts.



Photo by Ian Wiseman MEIANZ

Module 2 has been put together by the University of the Sunshine Coast and consists of three discrete training components:

The Primer

Module 2a is a simple 'course' for Module 1 registrants to understand Climate Change language. The Climate Change essentials primer offers common understanding to practitioners before they arrive at the EIANZ forum.

Courses

Module 2b guides Module 1 participants to about 180 Climate Change courses around Australia listed by State. Scoping during the Module 1 forum is likely to identify gaps in knowledge for practitioners to follow-up on afterwards.

For example, a particular feature of USC's courses is that they have been designed to suit practitioners. USC uses EIANZ's Blueprint and an EIANZ survey of practitioners to guide the content of the postgraduate programs Climate Change Adaptation, Environmental Change Management and Integrated Coastal Zone Management. USC is now in the process of redesigning the Bachelor of Environmental Sciences Program, using the EIANZ Blueprint and survey of practitioners.

A Tool Kit

Module 2c is a tool kit of ten main topic areas (clickable links) to about 143 tools and techniques. Some lead to further tools. Practitioners may wish to go directly to the tools and techniques and/or undertake more technical supporting courses.

So, in summary, by attending one of the Division forums above, you can decide or confirm your training and skills needs. Then, from the comfort of your desk, you can proceed to research the EIANZ website for suitable courses and tools. Then, like me, you may opt to go back to University to do a Climate Change course, learn the tools and work in the area.

If you have any questions, please contact either Tony Peterson, Chair of the Forum Support Group (tpetersen@empower.com.au, mob. 0401 994 565) or Simon Cavendish, Program Manager (simon@enviropartners.com.au, mob. 0417 611 445).

Simon Cavendish FEIANZ

New EMS to support improved environmental outcomes for SMEs

The importance of small to medium-sized enterprises (SMEs) to economies around the world is beyond dispute. Globally, more than 90% of all businesses are SMEs. Each, in its own way, plays a role in the cumulative environmental burden felt by us and future generations. In a business climate of increasing environmental awareness, more and more SMEs are determined to control their environmental footprint.

Unfortunately, this desire is not always satisfied or effectively achieved. When confronted with the options, an onerous third party certified Environmental Management System (EMS) or ineffective Greenwash, which falls short on delivery, the majority choose the later or nothing and the environment loses.

Experience shows that SMEs can implement an effective EMS and realise a variety of associated benefits. So why don't they, and why not with greater success? Many of the SMEs that have at some stage expressed an interest in the implementation and certification of an EMS, eventually have decided not to progress in that direction.

Of those that do progress, most are often confronted by significant challenges and without the resources of available to larger business, never make it to the finish line or fall over shortly after.

Public records of both the International Organization for Standardization (ISO) and the Joint Accreditation System of Australian and New Zealand (JAS-ANZ) show the number of companies that are certified to the requirements of the international standard for Environmental Management Systems (ISO14001) is less than 1,500 out of the 6,316,828 businesses that are currently registered in Australia.

An international survey has revealed, many of them indicate they are deterred by their perceptions of complexity and the onerous ISO 14001 requirements, high assessment costs from certification bodies, resource constraints and lack of skills and understanding.

In Australia, many regulators recognise ISO 14001 as the only EMS standard. For example; the Queensland Department of Environment and Resource Management (former EPA) currently reduces the annual fee for a Licence holder if the holder is ISO14001 certified.

Unfortunately, with such poor adoption and typically poor system implementation this fails to deliver the desired outcome (a higher number of businesses committing to Environmental Management and improvement of their Environmental performance) and the financial benefits of receiving this discount on fees are outweighed by certification costs.



Photo by Dr Rebecca McIntyre MEIANZ.

Recent discussions and initiatives to create a credible full scale EMS certification programme that is particularly designed for SMEs and is based on the same generally recognised principles as ISO14001 have added weight to the case for policy review by the regulators and the introduction of a new more meaningful EMS Standard for SMEs.

This Standard ([EnviroCert®](#)) was developed in consultation with environmental certifiers, consultancy firms, SMEs, registered environmental auditors and Government representatives. It considered the typical barriers and took into account the SME's reasons for not progressing with EMS. The objective of this initiative is to get more SME's to progress with the implementation of credible EMS and improve their environmental performance in a structured way.

Vital to the long term success of this initiative, is its acceptance by regulators, business, purchasing departments that specify supplier EMS requirements and indeed the general public.

Four key elements will ultimately determine the long term success of this programme: **Yield tangible results:** The basic intention of a management system is that processes are carried out in a way that ensures that outcomes are reasonably predictable and as a result can be managed by changing some variables of the process. Key here is the actual and measureable improvement of environmental performance of the business.

Credibility: Any system that people would be willing to rely upon as having applied an appropriate level of scrutiny to the green credentials of the business, must be a system which in fact yields real results. In addition, the assessment process that leads to certification must ensure that the focus is not only on the design of the system but also on the actual implementation throughout the business. Obviously, these assessments of the system must be conducted by people that are independent, well trained and appropriately qualified.

Recognisability: For certification to any standard to be meaningful, the programme and its name must mean something to people. It must be strongly and purposefully branded.

Accessibility: To be accessible to SMEs it must be nationally supported, the standard and its requirements must be suited to SMEs and within their resource constraints to implement, maintain and effectively use to improve environmental performance.

The EnviroCert® Standard and certification programme has been developed to satisfy these prerequisites. It is built on the strong and well proven foundations of ISO14001 and uses the same approach to drive continuous improvement. The certification process is focussed on environmental outcomes and is overseen and monitored by an independent Certification Body with years of experience in assessment of ISO14001 based management systems.



Photo by Dr Rebecca McIntyre MEIANZ

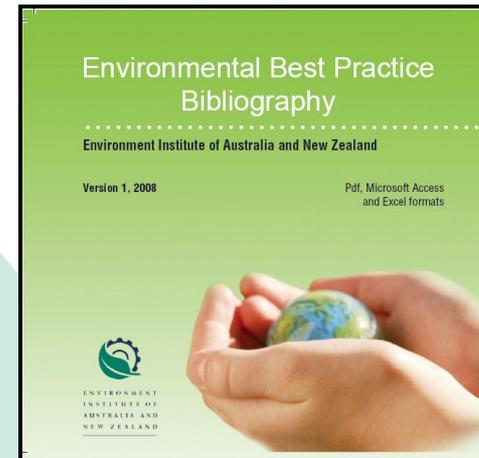
To make this programme widely available to small operators throughout Australia, a network of agencies is currently being set up, consisting of independent consultants or IRCA/RABQSA-registered auditors that have experience in either EMS consultancy or auditing. After passing an approval process and additional training, agents promote and deliver the programme locally and thereby develop market awareness and recognition.

The expectation is that this programme will not only attract small and medium sized businesses. Some larger companies have already expressed interest in utilising this programme as a stepping stone towards ISO14001. Due to its similarity in structure, down-the-track upgrading from EnviroCert to ISO14001 whenever deemed desirable is relatively easy.

Initiatives like EnviroCert®, as long as they are delivering tangible environmental outcomes and are credibly administered, deserve to be supported. Ultimately every business that decides to develop and implement an EMS and subsequently reduces its adverse impacts means a win for the Environment.

More information is available at www.envirocert.com.au

Wayne Cullinan MEIANZ – SA Division



Environmental Best Practice Bibliography

We still have copies available in electronic (CD) or hard copy version.

CD:	\$6.00 for Members	
	\$20.00 non members	Postage \$6.00
Hard Copy:	\$15.00 for Members	
	\$30.00 non members	Postage \$7.00
CD & Hard Copy	\$21.00 for Members	
	\$50.00 non members	Postage \$7.00

Click [here](#) for order form or contact Central Office



Photo by Dr Rebecca McIntyre MEIANZ

Member Snapshot – *Jenny Lazorov* MEIANZ

What do you do?

I'm an Environmental Consultant with Sinclair Knight Merz (SKM) in Perth and am involved in managing large multi-disciplinary EIA projects and providing statutory approvals advice to our resource Clients. I have recently been involved in projects relating to port development, mining and LNG production. I am also a Mentor and very much enjoy coaching and developing our graduate environmental scientists and engineers.

How did you get there?

Being an Environmental Consultant was not something that I really identified as a career path. I focused on studying subjects that I really enjoyed, which happened to be physical geography and natural resource land management. This helped me achieve a BSc in Environmental Science with Honours from the University of Western Australia. As a graduate, I was lucky enough to get a foot in the door at a small environmental consultancy in Perth, where I worked for 2 years prior to working with SKM. I have been at SKM for almost 9 years. I have always kept an open mind on potential career paths and have really embraced the opportunity to be more of a 'generalist' environmental practitioner.

Best aspects?

As a Consultant I really enjoy the diversity of work and the ability to work across various market sectors. At SKM, you have the opportunity to work very closely with the design engineers.

You have greater influence in minimising environmental impacts by liaising with the design team as early as possible.

Being in the environmental field of work, you do have the opportunity to see some of the most remote and wonderful landscapes that the average person would not have the opportunity to see. That's pretty special.

Biggest environmental concern?

One of the most concerning environmental problems I believe we face is the amount of resources we consume to maintain the lifestyle we have been accustomed to live. We do consume an enormous amount of materials, most of which are unnecessary for our basic survival. It is human nature to always seek to be better than our neighbours.

Most of us have a competitive streak that is in-built and drives us to always be, or possess things that are, 'bigger and better'. Perhaps we do this to bolster our self confidence, perhaps it is just purely greed, or simply, just because we can. I do hope at some point we can be content with the basics and not feel that we need palatial homes to live in, our recreational toys - the boat, the weekend car, the fuel-guzzling 4WD for the city that's needed to tow the boat or the jet ski etc.

If you get a chance to read '*Enough*' by John Naish, he delves into this very topic and provides a good synopsis of the challenges we face with consumerism.





Photo by Dr Rebecca McIntyre MELANZ

New Members

First Name	Last Name	Category	Division
Lee	Georgeson	FULL MEMBER	ACT
Brynnin	Gilchrist	ASSOCIATE	FNQ
Elise	Godwin	ASSOCIATE	FNQ
Anthony	Coward	FULL MEMBER	FNQ
Shannon	Blackmore	FULL MEMBER	FNQ
Graham	Brook	FULL MEMBER	FNQ
Carmen	Dessent	FULL MEMBER	FNQ
Janelle	Plant	FULL MEMBER	FNQ
Andrew	Lloyd	ASSOCIATE	NSW
Paul	Greenhalgh	FULL MEMBER	NSW
Claire	deLacey	FULL MEMBER	NSW
Nigel	Greenup	FULL MEMBER	NSW
Raymond	Nias	FULL MEMBER	NSW
Jonathon	Hilliard	FULL MEMBER	NSW
Anissa	Lawrence	FULL MEMBER	NSW
Bethany	Bell	FULL MEMBER	NSW
George	Kollias	FULL MEMBER	NSW
Colin	Bailey	FULL MEMBER	NSW
Hudson	Worsley	FULL MEMBER	NSW
Steven	Palmer	FULL MEMBER	NSW
Adam	Greenhalgh	FULL MEMBER	NSW
Mark	Dodd	FULL MEMBER	NSW
Christa	Avery	STUDENT	NSW
Mark	Roberts	STUDENT	NSW
Sally	McGeoch	STUDENT	NSW
Alexander	Howen	STUDENT	NSW
Chantal	Wilson	FULL MEMBER	NT
Emma	Woodward	FULL MEMBER	NT
Kylie	Harvey	FULL MEMBER	NT

First Name	Last Name	Category	Division
Rengarajan	Ramasamy	ASSOCIATE	SA
Nicky	O'Broin	FULL MEMBER	SA
Dean	Noske	FULL MEMBER	SA
Wayne	Cullinan	FULL MEMBER	SA
Graham	Farrer	FULL MEMBER	SA
Nick	Sladden	STUDENT	SA
Chris	Smithies	STUDENT	SA
Barry	Pfzner	ASSOCIATE	SEQ
Sepp	Malekizadeh	ASSOCIATE	SEQ
Patrick	Viles	ASSOCIATE	SEQ
Marina	Gibson	ASSOCIATE	SEQ
Nicholas	Green	ASSOCIATE	SEQ
Brent	Smith	ASSOCIATE	SEQ
Geoffrey	Dews	FULL MEMBER	SEQ
Megan	McLeod	FULL MEMBER	SEQ
Bill	Oldroyd	FULL MEMBER	SEQ
Sarah	Trevarthen	FULL MEMBER	SEQ
Ben	Anderson	FULL MEMBER	SEQ
Leanne	Sommer	FULL MEMBER	SEQ
Kerri	Milner	FULL MEMBER	SEQ
Nigel	Mather	FULL MEMBER	SEQ
Carlos	Vargas	FULL MEMBER	SEQ
Kylie	Sheppard	FULL MEMBER	SEQ
Andrew	Thompson	FULL MEMBER	SEQ
Leah	Hattendorff	FULL MEMBER	SEQ
Andrew	Cook	FULL MEMBER	SEQ
Mark	Farrey	FULL MEMBER	SEQ
Barry	James	FULL MEMBER	SEQ
Steven	Jarman	FULL MEMBER	SEQ
Noelene	Rutherford	FULL MEMBER	SEQ
Kathleen	Miller	STUDENT	SEQ
Chantal	de Vere	STUDENT	SEQ

First Name	Last Name	Category	Division
Carly	Harington	FULL MEMBER	TAS
Jessica	Fuller-Smith	STUDENT	TAS
Elizabeth	Stark	ASSOCIATE	VIC
Paul	Larkin	FULL MEMBER	VIC
Paul	Albietz	FULL MEMBER	VIC
Janice	Van Reyk	FULL MEMBER	VIC
Seiko	Toki	FULL MEMBER	VIC
David	Pearce	FULL MEMBER	VIC
Jasmine	Hoye	FULL MEMBER	VIC
Vittorio	Natoli	FULL MEMBER	VIC
Gregory	Foster	FULL MEMBER	VIC
Robert	Molloy	FULL MEMBER	VIC
Thomas	Anderson	FULL MEMBER	VIC
Deb	Neumann	FULL MEMBER	VIC
Nicolaas Johannes	Ras	FULL MEMBER	VIC
Eric	Pritchard	FULL MEMBER	VIC
Giulio	Pinzone	FULL MEMBER	VIC
Craig	Allen	STUDENT	VIC
Antony	Smith	STUDENT	VIC
Teresa	Kezic	ASSOCIATE	WA
David	Temple-Smith	FULL MEMBER	WA
Alan	Hill	FULL MEMBER	WA
Robert	De Roach	FULL MEMBER	WA
Ron	McDowall	FULL MEMBER	NZ
Gaynor	Pavelka	FULL MEMBER	NZ
Mark	Geddes	FULL MEMBER	NZ
June	Gibbons	FULL MEMBER	NZ
Fred	Overmars	FULL MEMBER	NZ
Janet	Kidd	FULL MEMBER	NZ
Charlotte	Cudby	FULL MEMBER	NZ
Yoshimi	Yoshida	STUDENT	NZ



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PROFESSIONAL INDEMNITY FOR ENVIRONMENTAL CONSULTANTS

CAN YOU AFFORD NOT TO GET A QUOTE FROM THE EIANZ PI FACILITY?

If you would like to receive a quote through the EIANZ PI facility for your Professional Indemnity Insurance or for further information call:

John Delves
Tel: + 61 3 9603 2190
email: john.delves@marsh.com

Rachel Gatt
Tel: + 61 3 9603 2760
email: rachel.l.gatt@marsh.com

Marsh Pty Ltd
ABN 86 004 651 512
555 Lonsdale Street
Melbourne VIC 3000

This information is general advice only and takes no account of your individual circumstances, needs or financial objectives. We recommend that you contact us to obtain a copy of the policy wording in order to understand whether the cover provided is appropriate for you.

Please note that EIANZ receives a financial benefit from the sale of this insurance product, enabling them to continue to develop and provide further services to their members.

In your role, as an environment professional, the need for insurance protection has never been more important.

Marsh and the EIANZ understand your industry needs and have tailored an insurance program to protect you.

Marsh, in consultation with EIANZ, has developed a professional indemnity insurance facility designed for environmental professionals that addresses the specific risks that you are exposed to and recognises and understands your business.

Some of the key features of this facility are:

- A competitive insurance product in:
 - premiums
 - deductible
 - endorsements
 - exclusions
- The facility recognises the role that the CEnvP initiative plays in risk management within the businesses.
- A facility which is able to provide cover to the majority of environmental businesses within EIANZ
- A streamlined application/proposal form
- An effective administration process that promptly deals with enquiries, renewals and claims through a dedicated team
- Premium can be paid in monthly instalments using our Premium Finance facility

Alternatively, if you would like to receive a quote when your insurance cover falls due, complete the information below and fax to John Delves on 03 9603 2753.

Name of Company: _____

Contact Person: _____

Address: _____

Fax: _____ Mobile: _____

email: _____

Best time to call you: _____ am/pm Renewal Date of your Current PI Policy / /



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