



Photo by Bec McIntyre

The Environmental Practitioner

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In this spring issue, we hear about the suite of climate change events past and planned, attempt to unravel the convoluted relationship between population and sustainability, and consider new ideas for the biosecurity of Australia's islands.

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Photo by Dave Manson

Editorial

Welcome to the spring issue of The Environmental Practitioner. And it would hardly be spring without change - it has certainly been an unusual and tense time recently with the seesawing results from the Federal election. It will be interesting to see how environmental policies fare in the new political landscape with the greater influence from independents and minor parties. If nothing else, the tumultuous post-election period and wrangling seem to have stimulated some measure of public desire to be better informed regarding the political process and key issues – surely a good thing to see.

On the climate change front, I was pleased to have the opportunity to attend the EIANZ and Cairns Regional Council *Climate Change-There's More to it than Sink or Swim* forum held in Cairns a few months ago. An impressive line-up of speakers, including researchers from James Cook University, the Greater Barrier Reef Marine Park Authority, and representatives from local and state government presented different angles on the climate change problem as it pertains to Far North Queensland. In the theme workshops, participants shared their interest and/or expertise in such areas as green building and tools for sustainability assessment. I personally learned quite a bit about the challenges for adapting conventional 'southern' (ie temperate climate) models and policies for green building to the climate of the tropical north.

Before attending the forum, participants were asked to complete an online evaluation of their personal carbon footprint. The average Australian carbon footprint is 16.3 t of CO₂ per year per person, while the average worldwide footprint is 4 t.

The global target to combat climate change is 2 t. And while I was pretty smug at my personal footprint result of 6.8 t – only 41% of the Australian average – that self-satisfaction was dented when I remembered the consumption of resources (eg electricity particularly for air con, disposables), and accumulation of car miles and flight miles involved in performing my work duties. For environmental scientists, site visits and surveys are usually a given, even if we can replace face-to-face meetings with colleagues and clients with tele- conference meetings.



A difficult puzzle indeed. In terms of my personal footprint however, I noticed a good opportunity to reduce it further by buying more local produce, eating less meat and trying (to the best of my brown thumb abilities) to grow my own vegies. If you would like to calculate your own carbon footprint, the website is <http://www.carbonfootprint.com/calculator1.html>. Many thanks to the Far North Queensland Division committee for organising such a useful event. I understand that attendees came from a diverse range of professional backgrounds, and a sizeable catchment area including Cairns, the Atherton Tablelands, Townsville, and Mackay.

Thank you very much to all the members who responded for my earlier call for articles and member snapshots. Don't be too disappointed if you don't see your piece or photo in this issue - material will be retained for upcoming newsletters. The next deadline for the December issue is the 26 November 2010. Please email contributions to communications-editor@eianz.org

And, of course, looking forward to seeing you at Wellington next month!
Rebecca McIntyre MEIANZ - EIANZ Communications Editor



Photo by Chris Kahler (NRA)

From the President's Desk

Welcome to the September 2010 issue of the Environmental Practitioner. We are both undertaking the Acting President role until 15 October 2010, while our President is in Europe. One of the activities Bill is undertaking in Europe is working towards the signing of a Memorandum of Understanding (MoU) with the UK Society for the Environment (SocEnv). The MoU highlights a process of working in collaboration with the SocEnv to promote good environmental practice and environmental certification programs. These agreements will allow us to work more closely and share information in terms of early-career and ongoing professional development requirements for all environmental practitioners. It will allow us to investigate and explore the possibilities of a mutual exemption agreement for our various certification programs.

We are also in the process of working through a large number of MoU with Australian and New Zealand professional associations and bodies. We certainly look forward to the possibilities and exploring the synergies.

Leading in to our EIANZ 2010 Annual Conference in the coming weeks, we are pleased to report that we are well on track for a very positive event in New Zealand's capital, Wellington. As a cross-Tasman institute, it has certainly been important for us to re-establish a higher profile presence in New Zealand, and as part of this process, we can be confident that the organising committee will deliver us an event to be proud of and gain much from. We certainly hope to see you at the Conference!! With your support, our New Zealand Chapter will be able to kick-on from this flagship event and develop its profile even further.

Acting Presidents:



Tiffany Thomson EIANZ Vice-President (Australia)



Tom Burkitt EIANZ Vice-President (New Zealand)



Photo by Chris Kahler (NRA)

These are busy times for the Institute. Key initiatives underway include, for example:

- Social Networking – LinkedIn, Twitter, EIANZ web blogs, Facebook (following the links below);
- Staged Training Program for Environmental Practitioners (STEP);
- Detailed revision and expansion of the EIANZ Code of Ethics and Environmental Practice;
- Business Case for the potential of an EIANZ Chief Executive Officer (CEO) or Executive Officer (EO); and
- Tender for a Relationship Management Service (Sponsorship).

As part of our EIANZ Executive, we have listened to feedback about the proposal to appoint a CEO or EO, and we offer our sincere thanks to all those who have proffered feedback. Our plan is to further engage with the Divisions and develop a sound understanding of Divisional feedback and support for the initiative. We will keep you updated on the progress.

We would also like to extend a thank you to Elizabeth Hurst who recently organised a conference call for the Divisional Presidents. This meeting addressed a range of significant issues including the proposed appointments of a CEO/EO and Sponsorship Manager, and mechanisms of funding for Divisions. The outcomes of the meeting were passed on to the EIANZ Executive who welcomed the feedback and have applied the comments to the approach going forward. We certainly encourage the continuation of the Presidents’ meetings. It is important the Divisions remain well connected, are able to share concerns, issues, and knowledge about how best to tackle the challenges of growing and running active Divisions.

You will have recently received an email from us that challenges us to all work towards growing the EIANZ membership base. We strongly encourage you to participate in this challenge actively and directly contribute to the EIANZ base and network. Take the challenge and “Tell Ten People” about the EIANZ.

You may also wish to complement the email campaign with other initiatives to introduce new members and broaden membership engagement, for example:

- The Climate Change Special Interest Section (SIS) was launched by way of an inception meeting on 17/09. Take the opportunity to get involved. Drop Tiffany a line on vice-presidentaust@eianz.org; and
- The Social Networking initiative – be sure you get online and get involved.

Follow the links below to get involved.

TWITTER: <http://twitter.com/eianzoffice>

BLOG: <http://climatechange.eianz.org/>

FACEBOOK: <http://www.facebook.com/home.php?#!/pages/EIANZ-Environment-Institute-of-Australia-and-New-Zealand/11065737283?ref=search>

Finally, we wish to reiterate Bill’s thoughts for all those EIANZ members that have been affected by the earthquake in Canterbury and floods in Australia and New Zealand. We hope that you and your families are safe and well and that the disruption has not been too great.

We look forward to hearing from you and seeing you at the EIANZ 2010 Annual Conference!!

Tiff & Tom



Dr David Suzuki in Australia

4 November 2010, Canberra

Internationally renowned scientist, environmentalist and broadcaster, Dr David Suzuki is the major keynote speaker at The Australasian Environmental Law Enforcement and Regulators Network (AELERT) 2010 Conference to be held in Canberra, 3-5 November 2010.

In his thought provoking presentation Dr Suzuki will discuss why do the human created systems of capitalism, economics and markets and the antics of Tiger Woods receive higher priorities than the changes we are causing in the biosphere that allows us to survive?

Dr Suzuki's presentation will answer his most asked question, what is 'The Greatest Environmental Challenge'. His answer is sure to surprise.

Don't miss this outstanding opportunity to be inspired by one of the world's most recognized leaders and practitioners on sustainable ecology.

Other speakers include:

Dr Maxine Cooper, ACT Commissioner for Sustainability and the Environment

Professor Owen Hughes, Monash University

Dr Peter King, Asian Environmental Compliance and Enforcement Network (AECEN)

Dr Joe Smith, The Gene Technology Regulator

Dr George Main, National Museum of Australia

Mr John Merritt, Chief Executive Officer, Victorian Environment Protection Authority

Register today at

www.conlog.com.au/aelert2010

Day registrations are welcomed

2010 AELERT CONFERENCE

Diversity in Environmental
Regulatory Responses

3-5 NOVEMBER 2010 | RYDGES LAKESIDE CANBERRA





Photo by Bec McIntyre

Proposed National Island Biosecurity Initiative

Ongoing expensive efforts to control invasive species on islands in Australia provide the evidence that we need a more comprehensive and strategic post-border biosecurity regime for Australian islands at risk. WWF Australia and Reef Catchments Mackay Whitsunday Inc., together with a number of Island Rescue supporters, have produced a proposal for such an initiative that coincided with the Federal election and review of the Caring for our Country program.

The proposal argues that, for a modest investment of around \$1million, Australia could establish a strategic framework for island biosecurity based on an assessment of island biodiversity values and a risk assessment approach to potentially invasive non-indigenous species.

Of the 8,300 offshore islands in Australia, it is likely that the vast majority are directly relevant to one or more Matters of National Environmental Significance under the EPBC Act. The Commonwealth should therefore take a leadership role in developing a nationally consistent approach and standards for the prevention of invasion, early detection and rapid eradication of organisms that threaten island ecosystems through a National Island Biosecurity Initiative¹, that includes:

- Establishing biosecurity priorities for all islands based on their ecological values and risk assessment.
- Development of biosecurity management systems for all islands. High priority and high risk islands (e.g. those with development or people living on them) should have an individual biosecurity management .

- Biosecurity management systems that include both the prevention of incursions through quarantine approaches and establishment of systems to control importation of species for domestic and agricultural purposes. Biosecurity management systems should cover both terrestrial and marine organisms.
- Regular surveillance of high and medium priority islands, e.g. those with populations of threatened species that would be further threatened by an invasive species such as cats or rats, and occasional surveillance of lower priority islands.
- Best practice approaches developed and/or modified from existing resources and appropriate training for island managers.
- Establishment of ready response capability including the ready availability of equipment.
- A range of tailored education programs targeted at island dwellers and visitors. A National Island Biosecurity Initiative could lay the foundations for an effective, nationally consistent approach to post-border island biosecurity that would assist directly in the prevention of extinction of hundreds of threatened species and ecosystems, and protection for globally significant populations of migratory species.

The proposal is available from <http://www.islandarks.com.au/> and comments or suggestions about how to promote the concept, as well as suggestions for additional proposals to address island conservation and sustainable use, are welcome.

Ray Nias, TierraMar Consulting ray@tierramarconsulting.com

¹The protection from the risks posed by organisms to the economy, environment and people's health, through exclusion, eradication and control.



EIANZ “Tell Ten People” Campaign

Ever wanted to put something back into the EIANZ, but have never really been sure how to contribute? Then simply **Tell Ten People**, and help raise the EIANZ profile in Australia and New Zealand in preparation for the [EIANZ 2010: From Discovery to Delivery Annual Conference](#) and you could win a free year of membership with the Institute and up to \$250 worth of book vouchers.

The Institute runs one international conference every year. This year our event is in Wellington, New Zealand from the 27th to 29th October 2010. The conference will be held at the beautiful Te Papa, Tongarewa, New Zealand's national museum. The event promises an exciting program comprising professional development streams and excellent key note speakers - all in bay-side Wellington. For further information go to www.confer.co.nz/eianz2010



Tell Ten People about EIANZ: We recognise the importance of our existing membership networks in broadcasting the role and activities of the EIANZ. Our events are very well patronised by non-members, and we are keen to see these activities advertised on as many networks as possible to reach interested environmental practitioners and to support the continuing development of excellence in environmental practice. The EIANZ is challenging you to distribute this email to ten people who may be interested in joining the Institute, and would benefit from membership.

WIN - the existing member who refers the most number of new members by 1 March 2011 will be granted free membership to the Institute for 2011-2012 as well as a \$250 (1st Prize) or \$100 (2nd Prize) book voucher. Please encourage referred new members to acknowledge your reference to the Institute, to assist EIANZ central office with the competition tally.

What to “Tell Ten People” about EIANZ? EIANZ offers a growing range of benefits and events to its members that continue to make membership attractive to the individual and support an engaged profession. [JOIN EIANZ](#) ONLINE TODAY!

EIANZ BENEFITS - The EIANZ has also recently prepared an EIANZ membership benefits and discounts brochure. Check out the membership benefits on the website [here](#). **EIANZ NEWS AND EVENTS** – Click [here](#) for other upcoming events, activities and news. Help us ensure that there is adequate representation of the EIANZ across the full spectrum of environmental practice in Australia and New Zealand, and supporting fruitful interactions amongst practitioners.

SEE YOU AT EIANZ NZ 2010!!!

Tiffany Thomson MEIANZ, Vice-President (Australia)

Tom Burkitt MEIANZ, Vice-President (New Zealand)

Keeping a Finger on the Pulse of the Environmental Sector

ECO Canada recently completed the **Canadian Environmental Sector Trends 2010¹** report, a high-level research report that investigates the factors and drivers of growth and change in the environmental sector, with special focus on how change will affect employment, occupations and macro-labour issues. This report is useful for researchers and strategic decision-makers involved in the environmental sector as well as those looking to enter into an environmental career.

Key findings:

- Over the last decade there has been a gradual trend toward pollution prevention activities as a replacement for pollution abatement and control activities.
- The Carbon Offset Market is experiencing 176% Annual Growth.
- Emerging areas of the environmental sector, namely carbon & climate change mitigation and investments in energy efficiency and renewable energy resources will drive the greatest future growth for the environmental sector.

"The research team at ECO Canada provides the critical information needed in order to fully understand the growth that is occurring in the environmental sector," says Grant Trump, President and CEO of ECO Canada. "These research studies pinpoint critical issues, allowing the environmental sector to develop strategies to meet its full economic and employment potential."

Source: www.eco.ca



¹ The Canadian Environmental Sector Trends 2010 report is one of many that provides Canada's environmental stakeholders including employers, the academic community, potential employees, and governments at all levels with current and accurate information to help guide initiatives and foster advancements within the sector. Copies can be downloaded at www.eco.ca/publications.

Environment Institute of Australia and New Zealand Conference 2010
26–29 October 2010 • Te Papa • Wellington • New Zealand



***** UPDATED NEWS *****

**** Only 10 places left for the Gala Dinner at Wellington's stunning Shed 5 restaurant! Register today to guarantee your place! ****

**** Full [detailed programme](#) update available online ****

Confirmed Keynote Speakers

Peter Newman - Marilyn Waring - Graeme Pearman - Larissa Brown

FOR FULL INFORMATION, TO VIEW THE PROGRAMME AND TO REGISTER CLICK [HERE](#) OR VISIT THE CONFERENCE WEBSITE

If you have any questions, please don't hesitate to contact the Conference Manager at the numbers/email below.

Conferences & Events Ltd
Email: eianz2010@confer.co.nz
Tel: +64 4 384 1511

EIANZ Merit and Service Awards

Nominations Close 1 October 2010

Nominations for the forthcoming EIANZ Merit and Service Awards will close on Friday 1 October 2010. The Awards will be presented at the Annual Gala Dinner in Wellington, New Zealand on Wednesday October 27.

The Institute bestows a number of Merit and Service Awards each year to recognise outstanding service to the Institute and contribution to environmental practice.

We encourage those who know of practitioners making such contributions to complete a nomination form so that these people are given due recognition by their peers. The awards are presented each year at the Annual Gala Dinner.

There are 7 awards up for nomination:

1. **The Simon Molesworth Award** for Outstanding Service to the Institute at Institute Level
2. **The Mary Lou Morris Award** for Outstanding Service to the Institute at Division/Chapter Level
3. **The Tor Hundloe Award** for the Outstanding Young (Under 30) Environmental Professional of the Year
4. **The Eric Anderson Award** for the Outstanding Article in the Australasian Journal of Environmental Management
5. **The Certified Environmental Practitioner (CEnvP) of the Year Award**
6. **The EIANZ Award for Excellence in Professional Practice by a Small Company** (less than 100 employees)
7. **The EIANZ Award for Excellence in Professional Practice by a Large Company** (more than 100 employees)



For further details and to download a nomination form, go to www.eianz.org/eventsplus/event/the-environment-institute-annual-gala-dinner

EIANZ Climate Changes Skills Training – Program Update

EIANZ has been presenting climate change skills training for two years and is now entering the last six months of its exciting program. We have regularly updated you on the progress of this program. Here is what has happened recently, what is available to you now and what is coming up.

- The NSW Division, in partnership with the National Climate Change Adaptation Research Facility (NCCARF), provided a stirring full day program of speakers and workshops on climate change adaptation and its business applicability. Over 91% of attendees reported that the forum exceeded their expectations.
- The Far North Queensland (FNQ) Division was so inspired by its 2009 forum in Townsville that it ran another in Cairns in 2010. Again, prior to the forum, FNQ sought to personalise carbon and ask attendees to read the knowledge primer. At the forum, keynote speakers presented on key regional risks and facilitators workshopped practical tools to address some of those risks. Overall, attendees reported that they were very pleased with what they learned.
- The Victorian Division boldly joined Enviro 2010, a conference that saw over 500 delegates and 500 trade representatives attending, with an excellent program tailored to Victorian climate risks. Popular subjects were risk assessment (with practical exercises), and law and insurance, among a variety of others
- ACT Division successfully snagged the ACT's Climate Change and Energy Minister in a forum held the day before the Federal election. Subjects ranged from fundamentals such as critical thinking to policy and specific sectors such as infrastructure and water, to useful tools and techniques for greenhouse gas inventories.

- University of Sunshine Coast, EIANZ's key partner in the program, has updated tools on EIANZ's website, held a workshop of its own that included EIANZ, and opened a portal here: www.climatechange.edu.au

Coming soon near you are three forums planned for October (South East Queensland, the EIANZ Conference in New Zealand, and the Northern Territory) and one in November (Western Australia).

The SEQ forum flyer is out and targets risks and rewards under climate change for the Queensland economy www.eianz.org. International speakers are likely to use examples outside the State that apply in Queensland and elsewhere. The forum at the EIANZ Conference will be brief - it will explain the resources (courses, tools and techniques) available to you and is expected to demonstrate one climate change adaptation tool.

The Northern Territory (NT) forum will focus on the NT's Climate Change Policy. Western Australia plans to address tools, techniques and lessons for leadership. Further information can be found on: www.eianz.org/eventsplus/category/western-australia

Supporting these Divisions is a veritable army of EIANZ members. As the electorate has just confirmed, climate change is not going away. You, as practitioners and professionals, need to help your clients understand policies, commitments and risks concerning climate change. Don't miss out on the last few months of EIANZ's climate change skills training program. Go along to one of these forums and also persuade your colleagues to attend.

Simon Cavendish - Program Manager



Photo by Dave Manson

“Ten Years to Transition: Risks and rewards for Queensland’s Economic Sectors under Climate Change” EIANZ Forum 18 October 2010

EIANZ SEQ brings you a forum about the potential impacts of climate change policy, and climate change itself, on the Queensland economy and its sectors. A line-up of outstanding speakers will explore risks and rewards for our economy from a long-term perspective to 2050, and propose an immediate road map for the next ten years. What are the essential steps, for the State and for its economic sectors, in the transition period 2010- 2020?

Environmental practitioners, policy analysts, business sustainability and project managers will hear how industries are gauging the risks and rewards that climate change presents both now and into the future. These strategic insights will be focused on developing a road map for economic transitioning. The insights gained from this road-mapping of risks and rewards will be vital for industry and policy planning, for the State, and at the sector and enterprise levels.

Industry leaders will present practical examples of their assessment of risks, rewards and uncertainties and their response plans to sustainability challenges of the next ten years. Sectors including energy, agriculture, manufacturing, built environment and transport will describe their road maps for transitioning under climate change policy and impacts.

- **Griffith Business School and UN Global Compact Committee member, Professor Malcolm McIntosh** together with **John Quiggin, Professor of Economics at UQ** will present alternative scenarios for Queensland’s economy in 2020 and 2050, one where Queensland has a high sustainability economy and one in which Queensland fails to deliver sustainability.

- Discussion of Queensland’s energy resources matrix and the critical choice-points that climate change raises for the electricity sector’s road map will be led by three energy industry experts: **Trevor St Baker** on powering up with gas, **Peter Morris, Australian Coal Association** on coal’s future and **Dr Mark Diesendorf** on a road map without fossil fuels.
- Industry leaders will present road maps to 2020 for their respective sectors including Agriculture, Manufacturing, Built Environment and Transport.
- The plenary session will canvass the responses to the sectoral and State road maps. A panel of practitioners and analysts from **CSIRO, industry, academia and government** will consider strategic interventions to set Queensland’s economy on the right path for the next ten years.

Don’t miss out, **places are filling fast!** More information at: www.eianz.org and go to "events" then "South East Queensland".

Danielle Bolton – *Secretariat EIANZ SEQ*



ENVIRONMENT
INSTITUTE OF
AUSTRALIA AND
NEW ZEALAND

South East Queensland Division

Ten years to transition

October Forum: *Risks and Rewards for Queensland's Economic Sectors under Climate Change*

Economists and environmental practitioners, business and policy-makers talk about the risks and rewards for our Queensland's economy and current economic sectors under climate change and climate policy.

What are the essential steps and critical decision points in this decade to begin an effective but achievable longer-term transition? Hear the assessments from noted experts and industry sector leaders of the strategic risks, shaping forces, opportunities and challenges to transition under climate change. The sectors examined are energy, agriculture, manufacturing, built environment and transport.



Leading economists



John Quiggin, Professor of Economics at UQ will present scenarios for Queensland's economy, together with UN Global Compact Committee member and Griffith Business School's Professor Malcolm McIntosh.



International perspective

Peter Young, Strategy Director SKM-Enviros & Policy Advisor to UK Government and leading corporations on Climate Change policy and competitive economic advantage, presents on relevant European trends and regulation, and the implications for Australia.



Energy experts



Trevor St Baker, CEO, ERM Power, on powering up with gas.

Peter Morris, CEO Australian Coal Association, on coal's future.

Mark Diesendorf, Deputy Director, Institute Env. Studies, UNSW, on a road map for renewable energy.

Industry sector leaders

Agriculture: Heather Brodie, CEO, Biofuels Association with Prof. Kaye Basford, Land and Food Sciences, UQ

Manufacturing: Stuart Ritchie, National Sustainability Manager, Cement Australia

Built Environment: Jeremy Mansfield, Sustainability Leader, Bovis Lend Lease

Transport: David McInnes, Director Sustainability, Linfox

Date: Monday 18 October 2010

Time: 8.30am – 5.00pm (Registration from 8.00am)

Venue: Hilton Brisbane, 190 Elizabeth Street, Brisbane

Register today at <http://www.eianz.org>— places are starting to fill!



Population and Sustainability

The size of Australia's population seems miniscule among world statistics, yet, in early 2010, Australians were uncomfortable when their Government announced a 'big Australia'. The official population forecast indicated that the nation would rise to about 36 million or perhaps even 44 million by 2050 from its present level of 22 million. The projections were based on varying immigration levels. There were unexpectedly mixed reactions. Some citizens' were enthusiastic about the expected economic growth accompanying this greater population. But this sat uncomfortably with other citizens, who were anxious at the thought of cramming more people onto the coastal fringes of a very dry continent.

The ambiguous public mood caused a quick change of approach by the Australian Government from economic optimism to concern about the cost of building more infrastructure. The message switched from one saying the nation needed more workers to support an aging population, to sharing the new-found anxiety about overcrowded urbanisation. It established a new government ministry of 'Population' as politicians suddenly realised that the supply of more workers was likely to pour into cities that were already congested (by Australian standards). Next, the new leadership of the same government relabelled the ministry as 'Sustainable Population'.

A further surprise was data showing that Melbourne is growing faster than Sydney, with a forecast of Melbourne becoming home to 7-8 million people by 2050. Many arguments ensued about whether an increased population was better or worse for the nation. Is a larger workforce essential or unsustainable?

An expanding population is linked with economic prosperity so frequently that the correlation between population growth and economic growth is regarded as obvious. So much so, that analysis of whether the link is (scientifically) a correlation or a cause has been almost overlooked in studies of economic dynamics. The consistent advice is to support growth. So other professionals take growth for granted and assume that prosperity depends on economic growth. It is well understood that ever-increasing population has a role in causing population stress but its role as a factor in the quality of life is less well understood. Who is paying attention to the evidence that explains the mechanism linking population to prosperity?

Since the Industrial Revolution, world graphs of economic growth follow an underlying mathematical curve of exponential global population growth. This is not the case in Australia, where the rise in population has been linear. Nevertheless, how many businesses would make a profit if there was no population growth at all?



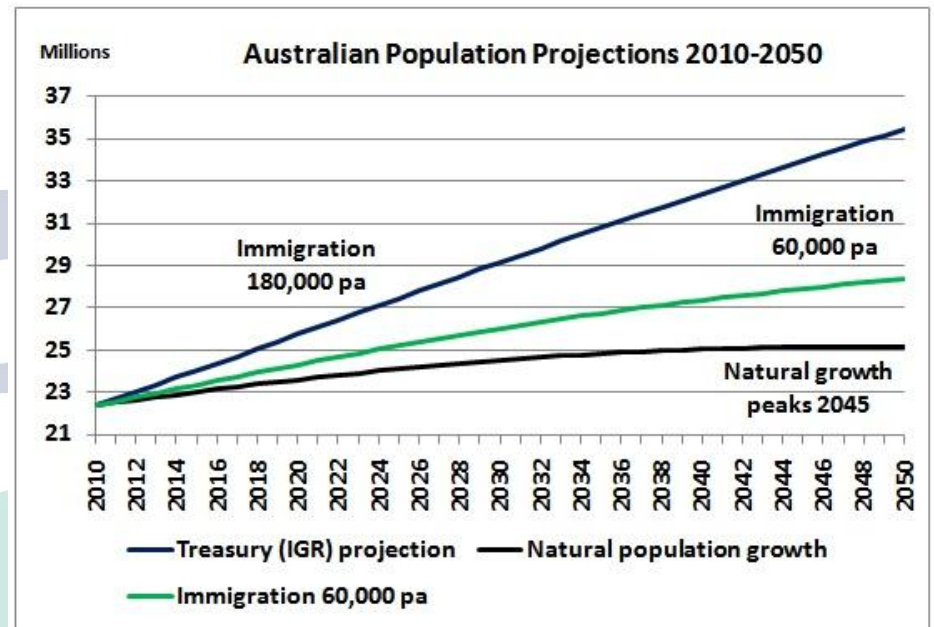
Source: Lusi

For decades, most business cases have predicated their growth scenarios unwittingly on the faith that there will be more customers next year, compared to last. Relying on an ever-expanding population is an assumption that is rarely questioned by business analysts. There are few professionals asking: 'Would an economy grow if the population did not grow?', or, furthermore: 'Would macro-economics decline if the world population declined?'

There is occasional esoteric discussion about population baseline in macro-economics but active discussion tends to dwell on the *level playing field* of trade across borders rather than population dynamics. While a level playing field is a good starting point for understanding trade, it would be prudent for analysts to progress quickly to a second step and consider a *level population field* too. If there is to be a comprehensive review of the possibilities for sustainable economics, it needs more fundamental insight than just an understanding of free trade. It was acceptable in the 17th century to study monopolies and protectionism, and these certainly exercised the mind of Adam Smith. However the analysis needs to move on.

Picture, for a moment, a scenario in the future of stabilised birth and death rates where trade flourishes among a static world population. This would be a litmus test for globalisation because the Earth would need to prosper with a stable population of producers and customers.

This scenario raises implications of whether marketplace economics can withstand a stable world population and if the system is resilient. Furthermore, an economic theory that has not thoroughly explored such consequences is ignoring a field of study that is very pertinent to economics in the future.



Population, workers and customers are inseparable factors to understand in any economic system. The serious contradiction to tackle and resolve is that many economic conventions are premised on axioms of growth, yet this is not compatible with the concepts of moderation, balance and long-term thinking which are essential to the concept of sustainability.

And who are the experts in sustainability?

We are. The environment profession is still new but it has embraced many disciplines in its broad membership of practitioners who study human industry and the natural environment to find the activities that do the least harm. Since those involved in the 2008 financial crisis are grappling with forecasts of what will happen next in economics, they might be open to some help from others. Scientists and environmental specialists in all fields have the evidence-based mindset to help search for answers to the problems of an over-populated planet, global pollution and inequitable distribution of resources that are engulfing us all.

So if you are not already doing it - feel free to wander outside the walls of your silo of expertise. Offer your helping hand to fellow professionals in economics, procurement and policy-making who are struggling to see facts and trends with the clarity that you have. Stepping across disciplines might take each of us out of our comfort zone, but it would transport us to where we are really needed in the 21 century.

Suzanne Little

Suzanne is a sustainability scientist and a board member of two environmental organisations. suegailittle@gmail.com

Diagram sourced from: http://www.crudeoilpeak.com/wp-content/gallery/population/population_scenarios_igr_60k_natural_growth.jpg

Australian population referenced from: <http://www.abs.gov.au/>

eco baby expo

Where: Crystal Palace, Luna Park, Sydney

When: November 6-7, 2010

http://www.bonjourbaby.com.au/eco_baby_expo.php

Eco Baby Expo is a unique experience, a fun and learning event, suitable for the whole family. Exhibitors participating adhere to certified organic and good environmental practice and must act in accordance for entrance, to ensure they are genuine participants.





THE KNOWLEDGE WE GAIN HERE

OUR TRAINERS KNOW THE ENVIRONMENT

At a Graham A Brown & Associates training workshop you benefit from over 40 years of practical consultancy experience in the fields of auditing, environmental management systems, waste management, sustainability and climate change. Our practicing consultants use their training skills and experience linking theory to current practice to optimise your learning experience. From the boardroom to the factory floor Graham A Brown & Associates offers a unique environmental training development and delivery experience. To secure your place in one of our public workshops listed below complete the registration form found online at

www.grahamabrown.com.au and fax to 02 4927 8400. To discuss a customised training workshop to suit your needs contact us on 02 4927 8500 or email training@grahamabrown.com.au

LATE 2010 Training Dates

**Environmental Auditor Certification Workshop
(5 days)**

Newcastle	20th - 24th September
Sydney	18th - 22nd October

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



BENEFITS YOU HERE



Photo by Dave Manson

Western Australia - Simplifying Climate Politics

The WA division joined forces with Perth Green Drinks and the Central Institute of Technology to co-host the free August Perth Green drinks event. The event "Simplifying Climate Politics" was an opportunity to understand and ask questions regarding the fundamentals of the climate policies of each of the key political parties.

Over 100 attendees heard presentations from EIANZ WA President John Braid, Senator Rachel Siewert (The Australian Greens), Senator Louise Pratt (The Australian Labor Party), and Senator Alan Eggleston (Liberal Party of Australia). Attendees were then given the chance to ask questions of the Senators. Unfortunately, time constraints (and the lingering smell of food) meant the question session was curtailed, however the Senators happily stayed on during drinks and nibbles and continued discussions informally.

It was a great event, attended by many fields of the environment industry of Perth and was a good starting point for any future collaborations with other environment-related groups in Perth.

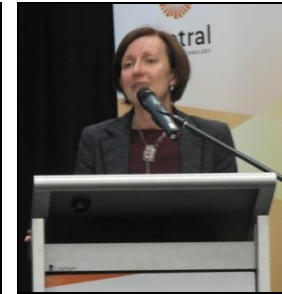
Vicki-lee Tarca (on behalf of the EIANZ WA Division)



Senator Pratt



Senator Eggleston



Senator Siewert



John Braid MEIANZ

Perth Green Drinks

central
INSTITUTE OF TECHNOLOGY

Environment Institute of Australia and New Zealand
WA Division

Perth Green Drinks 2010. The Environment Institute of Australia and New Zealand (WA Division) and the Central Institute of Technology proudly present.

Simplifying Climate Politics

An opportunity to understand and ask questions regarding the fundamentals of the climate policies of The Australian Greens, The Australian Labor Party and The Liberal Party of Australia. Presentations will be made by:

- Senator Rachel Siewert
The Australian Greens
- Senator Louise Pratt
The Australian Labor Party
- Senator Alan Eggleston
The Liberal Party of Australia

Photography: Wilma Van Boxel
(Perth Green Drinks)



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Member Snapshot – *Helen Monks*

What do you do?

Director, Highlight Consulting.

Qualifications

BA (ANU, French and Philosophy), Dip. Ed. (USyd), Dip. Urb. & Regl. Plan. (UNE), PhD (UNE, management of regional development organisations), two French diplomas. CEnvP 256.

How did you get there?

I meandered – teenage exposure to Japan (early 1960s) changed my view of the world, teenage dreams of an architecture career (but ill-informed subject choices), exposure to lots of rural environments (coastal, mountains, desert) although raised in Sydney, passion for the built environment overlaid by passion for protection of the natural environment, and self-employment suits me! In economic development circles, I talked about “triple bottom line” before it had a name.

Biggest environmental concern?

The social and financial cost of sea level rise, loss of coastal and estuarine biodiversity, increased bushfire risks, changing rainfall patterns, freshwater and food supplies if we stay with our current governance and supply models, transport and ultimately economic and social adaptation to post-peak-oil = climate change consequences. Can I add the consequences of global population growth?

Best aspects?

Thoughtfully working with clients (and approval authorities) to develop good quality solutions that meet multiple and sometimes conflicting objectives within an environmental protection framework.



How and why did you get involved with EIANZ?

To meet like-minded professionals across a range of related professions in a CPD as well as quasi-social atmosphere, and to benefit from all aspects of membership, including CEnvP and committee service.

Member Snapshot – *George Curtis*

What do you do?

Senior Environmental Planning Officer with the NSW Department of Planning based in the Department's Southern Regional Office.

Qualifications

Bachelor of Science (Hons) (ANU), Master of Natural Resources Law (UOW), Graduate Diploma of Environmental Planning (UTAS).

How did you get there?

I started off my career in 1994 working in an environmental consultancy in Wollongong (thanks Ros) and then spent several years working for local and State Government in various environmental policy and planning roles including stints with the NPWS, Drummoyne Council, WSROC, NSW Waste Boards/Resource NSW and the RTA. In 2002, I accepted a position with Planning NSW as a specialist environmental planner where I worked on catchment-based strategic plans for the Georges River and Botany Bay areas. In 2005, I moved to the Department's Southern Regional office where I have been involved in the preparation of regional strategies and local environmental plans.

Biggest environmental concern?

The sustainability/environmental footprint of our cities and towns, particularly the need for improved public transport, housing and integrated public spaces.

Best aspects?

Day to day, there is a variety of interesting issues to work on in a regional planning team. It is also rewarding on a personal level to input into the preparation of public policies and plans that will have a major impact on the sustainability of places, communities and, importantly, people's lives.



How and why did you get involved with EIANZ?

My first employer recommended the professional benefits of membership and she offered to nominate me. Through membership I have enjoyed getting to know other members (particularly during a stint on the NSW committee), reading the Institute's literature and participating in seminars and training courses organised by the Institute. I also strongly believe that membership helps to support a worthy environmental cause and identify with other like-minded environmental professionals.



Photo by Ing Toh (NRA)

New Members

Division	Name		Category
ACT	Travis	Collins	FULL MEMBER
ACT	Andrew	Hamilton	FULL MEMBER
ACT	Jeremy	Watson	FULL MEMBER
ACT	Lucinda	Phelps	STUDENT
FNQ	Alison	Burgoyne	FULL MEMBER
FNQ	Gretel	Purser	FULL MEMBER
FNQ	Neil	Bryde	STUDENT
NSW	Rob	Burdock	ASSOCIATE
NSW	Sarah	Poynton	ASSOCIATE
NSW	Corey	Beggs	FULL MEMBER
NSW	Renee	Dell	FULL MEMBER
NSW	Emma	Lodge	FULL MEMBER
NSW	Rebecca	Organo	FULL MEMBER
NSW	Christine	Pitman	FULL MEMBER
NSW	Aaron	Westwood	FULL MEMBER
NSW	John	Doolah	STUDENT
NT	Tina	Schroeder	STUDENT
NZ	Emma	Comrie-Thomson	FULL MEMBER
NZ	Jonathan	Findon	FULL MEMBER
NZ	Rob	Owen	FULL MEMBER
NZ	Don	Vattala	FULL MEMBER
NZ	Garry	Venus	FULL MEMBER
OVERSEAS	Tim	Sweeting	FULL MEMBER
SA	Robin	Uppill	ASSOCIATE
SA	Tracey	Churchill	FULL MEMBER
SA	Simon	Hilder	FULL MEMBER
SA	Luke	Boehm	STUDENT
SA	Michael	Short	STUDENT
SEQ	Andrew	Evans	ASSOCIATE
SEQ	Michael	O'Brien	ASSOCIATE
SEQ	Claire	Arthur	FULL MEMBER
SEQ	Darren	Cruise	FULL MEMBER
SEQ	Adrian	Cukovski	FULL MEMBER
SEQ	Fiona	Currie	FULL MEMBER
SEQ	Katryna	Dawson	FULL MEMBER
SEQ	Nicholas	Gifford	FULL MEMBER

Division	Name		Category
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SEQ	Anthony	Hope	FULL MEMBER
SEQ	Christopher	Pratt	FULL MEMBER
SEQ	Allanagh	Rivers	FULL MEMBER
SEQ	Stefanie	Roth	FULL MEMBER
SEQ	Catriona	Sutcliffe	FULL MEMBER
SEQ	Michelle	Walker	FULL MEMBER
SEQ	Elizabeth	Warry	FULL MEMBER
SEQ	Scott	Watson	FULL MEMBER
SEQ	Jason	Weber	FULL MEMBER
SEQ	Aurora Fe	Ables	STUDENT
SEQ	Kristine	Dewar	STUDENT
SEQ	Adam	Kurpiel	STUDENT
SEQ	Christina	Laurikainen	STUDENT
SEQ	Chris	McCosker	STUDENT
SEQ	Luke	Norris	STUDENT
SEQ	Sheridan	Rope	STUDENT
TAS	Ronald	Taylor	FULL MEMBER
VIC	Jodie	White	ASSOCIATE
VIC	Ross	Chapman	FULL MEMBER
VIC	Maico	DeBlasio	FULL MEMBER
VIC	Darren	Ellis	FULL MEMBER
VIC	Daniel	Gulliver	FULL MEMBER
VIC	Tara	Horsnell	FULL MEMBER
VIC	Marcus	Mulcare	FULL MEMBER
VIC	Richard	O'Connor	FULL MEMBER
VIC	Deborah	Thomas	FULL MEMBER
VIC	Michael	Lambden	STUDENT
VIC	Charbel	Saab	STUDENT
VIC	Kelly	Treloar	STUDENT
WA	Craig	Grapes	FULL MEMBER
WA	Daniel	Hunter	FULL MEMBER
WA	Sarah	McKiernan	FULL MEMBER
WA	Kathy	Meney	FULL MEMBER
WA	Tim	Mitchell	FULL MEMBER
WA	Crispin	Underwood	FULL MEMBER



Photo by Bec McIntyre

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

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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.

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Some of the key features of this facility are:

- A competitive insurance product in:
 - premiums
 - deductible
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- 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
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