

The Hadedu

SPRING HAS SPRUNG

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and Provincial



And with a blink it's October! 2015 has steamed along and we are now welcomed into the 3rd quarter of the year by fresh new shoots and blossoming flowers. And how lovely it is to smell spring in the air, as if to welcome the final downhill towards Christmas.

As we start a new IAIAsa year, the festivities and **spectacularness** of the last few months have been the perfect seeds for us to flourish in the year ahead.

Metaphors aside, the past 3 months have been so fun-filled that it justified an extra long newsletter edition. To add water to inspire continued growth,

there are many exciting happenings in the near future. So best you not get out your Christmas hat just yet - 2015 still has a lot to offer.

So let's break it down - we'll start off slowly with a recap of recent past events, easing into it with insight into our KZN **movie event**. We then brighten it up a little with **AGM** news, followed by the most exciting part - our milestone 20th Annual National IAIAsa Conference. We look at what happened when and how it all unfolded.

We then take the opportunity to boast about our awesome IAIAsa KZN **Student Branch** members

and the amazing experiences and opportunities they have been exposed to, its all rather inspirational.

Finally we look upwards and onwards to what the next few months of IAIAsa KZN have in store. You would have seen the invitation sent via email regarding our next event - our annual KZN **Mini-Conference**. So if you missed out on the conference and/or would like to see what some of our KZN members presented - this is your opportunity! RSVP date is Friday 9 October so be sure not to miss out.

So with out further delay - lets **SPRING** into it...

20th Annual National IAIAsa Conference
- Champagne Sport resort, Drakensberg -



CONTRASTING VIEWS

'THE SHORE BREAK' FILM

"Two cousins from a close-knit rural community have opposing plans to develop their homeland on South Africa's Wild Coast. Nonhle wants to preserve their traditional Pondo lifestyle and graves through eco-tourism while her older cousin Madiba intends to mine their land for titanium and to support the South African Government's controversial plans to build a highway through the Wild Coast. Meanwhile, their Pondo King and Queen are dethroned by Government after speaking out against the developments. To fight for their throne the Pondo Royals must take Government to court who have replaced the King with his pro-mining nephew."

On 16 July 2015, IAIAasa KZN hosted a private screening of the highly acclaimed documentary, *The Shore Break*, in Pinetown. This documentary relates to the on-going conflict between community members and the tribal authority in respect to the recently approved N2 toll road and the mining of proposed mineral sands on the Wildcoast at Xolobeni. It documents the 'story' from the perspective of two estranged family members living on the coast on opposite sides of the debate. While every effort was made on the part of the director and producers to portray the complexity of the situation, members of IAIAasa who attended the screening could not help but feel both disempowered and disillusioned by the processes playing themselves out with the (in) adequacy of stakeholder engagement processes being the biggest cause of concern.

Attendees were fortunate to have one of the co-producers and director of the film, Ryley Grunenwald, present at the screening. This provided the perfect opportunity for informed discussion and insight, a true privilege for those present.

The Shore Break has won the *Backsberg Audience Choice Award* at Encounters South African International Documentary Festival for Best South African Film, with many sold out shows and extra screenings. The Mail and Guardian hailed it as "eloquent" while City Press called it both "alarming" and "inspiring.". More recently, the film one the *Audience Choice Award* and the *Amnesty International Durban Human Rights Award* at the Durban International Film Festival. To find out more about the film and watch the trailer, visit www.theshorebreakmovie.com The interest in the film sparked the idea to screen it at the National Conference, which was done and well received by those present. The film captures the concerns and perceptions of those immediately affect by the proposed development, painting a picture of the rivalry and exists within such situations.

Tandi Breetzke and Sian Oosthuizen



2014/15 AGM

And so another IAIAsa year comes to a close, but not without our ever so fantastic AGM. Based on the success of the 2013/14 AGM, this years meeting was again held at the lovely Chantecler Hotel in Botha's Hill in July this year. The charming winters afternoon warmly welcomed attendees into the venue that had been colourfully decorated by our KZN students. The event was kicked off with some fun and games - two ice breakers provided the perfect opportunity for networking (or simply finding out new things about old friends). After much laughter, it was time to get serious, have a seat and enjoy a delicious meal.

Our guest speaker at this years AGM was Jeremy Ridl who spoke to the topic - 'Making sense of the new Fracking Regulations'. Jeremy gave an excellent conversational style presentation that enabled a free flow of questions and discussions. In addition, he provided fantastic insight into the regulations and the grounds that they provide going forward. We would like to thank Jeremy for his participation and insight - he added great richness to the event.

A new addition to this years' AGM programme was the **Student Poster Competition**. Five Post Graduate students from both the Durban and Pietermaritzburg UKZN campuses partook in the competition, namely: Adwoa Awuah; Charity Cele;

Salona Reddy; Sam Singh; and Simone Pillay. Each table was provided with a copy of their posters, with the request that attendees read and score each poster using a generic scorecard. This not only provided students with the opportunity to prepare a poster for a professional audience, acting as a networking, exposure and learning experience, but enabled attendees to gain an overview of the scope of research being conducted by students. Attendees remarked on the high standard of the research and posters prepared by the students, indicating that selecting 'the best' was not an easy decision. Throughout the course of the evening, scorecards were collected and collated. At the end of the night, despite very close scores, it was announced that **Charity Cele** was the Winner! (poster below) - her prize? Free attendance that the 2015 National Conference. Needless to say, Charity was overwhelmed by the prize and speaks to the value of her attendance at the conference in a later article.

John Richardson closed the evening by presenting his Chairpersons report, providing an overview of the years' trends in terms of membership, financials, communication, partnerships, committee and marketing details for the KZN branch. He also spoke to the

array of events held during the 2014/15 IAIAsa year, demonstrating that we aim to continue in this strength in the year ahead.

John closed his report by awarding the **Phemalanga Award for Continuing Professional Development**, to myself - Sian Oosthuizen.



I would humbly like to thank IAIAsa KZN for the Award, it has been the most fulfilling year and I look forward to many more. In fear of *blowing my own horn*, I quote Johns' report:

"Sian Oosthuizen has also now taken over the full time editing duties of the Hadedda Newsletter and I am pleased to say has been doing an exceptional job, especially considering the shoes which she has had to fill. This past year has seen the publication of 6 editions of the Hadedda and has also seen the introduction of advertising space to assist in generating branch income which is ring-fenced at a national level for use by the KZN Branch at their discretion. I would also like to say a special thanks to Sian for all hard work which she has put into the successful functioning of the KZN branch, her continued support and attendance of branch and student events, management of the IAIAsa Facebook page, as well as the support which she has offered to the students over this past year."

As the AGM came to a close, it marked the end of another great IAIAsa KZN year. We thank all of our members for their active participation in the association and we look forward to what the 2015/16 year has to offer.

Is EIA effective? Exploring post-authorisation follow-up in South Africa Case studies from KwaZulu-Natal

Sinethemba Charity Cele

1. Introduction

Is an Environmental Impact Assessment (EIA) truly effective? Does it protect the environment and promote sustainable development? An EIA is an important tool for identifying and addressing potential adverse impacts of a proposed development on the environment. The aim of the study is to investigate follow-up activities and understand the implications for EIA effectiveness in South Africa by using case studies from KwaZulu Natal. This study argues that in order for an EIA to be effective, the follow-up procedure needs to be successfully performed. Although minimal attention has been paid to the follow-up its important in ensuring the sustainability of the environment and overall sustainable development.

2. Materials and methods

Qualitative study
Observation technique (accompanied the ECOs to monthly site visits)
Semi-structured interviews: respondents from each site purposively selected
Documentary analysis (included audit reports, EMP and environmental authorisations) and thematic analysis of results

Acknowledgments

• UKZN, providing a conducive work environment
• Dayle Trotter: Meticulous and insightful supervision
• John Richardson: Patience and support on site. Providing pictures and audit reports
• Harold Thornhill: Allowing me to attend site visits. Providing pictures and audit reports
• Various clients and contractors for their time and allowing me to be part of their project developments

3. Results

EIA follow-up procedures and outcome:

Procedures: For all the three sites, the follow-up was conducted systematically according to a practical framework: (1) determining the need, (2) follow-up programme design, (3) implementation stage, (4) evaluation of findings, (5) issue management.

Variable	Measuring performance	Score	Notes
Preparation of audit report	1	1	Not prepared
Preparation of audit report	2	2	Not prepared
Preparation of audit report	3	3	Not prepared
Preparation of audit report	4	4	Not prepared
Preparation of audit report	5	5	Not prepared

Substantive outcomes



Figure 4: Excessive soil erosion due to construction activities, ECO ensured that grass was rehabilitated and irrigated

Figure 5: An enclosure where form was an ECO monitoring construction was completed and respondents that complied with follow-up only to fail the authorisation. The trees above had to be replaced by the contractors and monitored for growth after construction was completed

Respondents perspective on EIA follow-up

- The respondents understood the purpose of an EIA follow-up procedure, as a tool used to prevent environmental impacts during developments.
- Some of the respondents viewed the protection of the environment more of an obligation to the EIA legislation.
- Respondents were aware of their roles and responsibility: facilitated accountability of their actions during development.

4. Key Findings

- The EIA follow-up was successfully performed on all the three sites. This ensured that the environment was protected and promoted sustainable development thus making EIA effective.
- EIA follow-up fulfilled an important in preventing (excessive soil erosion), rehabilitating (replanting of grass), mitigating (removal of chemical spillages on grass) and controlling (storm water along banks) adverse impacts on the environment.
- ECOs fulfilled an integral in the EIA follow-up procedure. They implement the follow-up design and through monthly monitoring enforced compliance and ensured the environment was protected.
- Some of the respondents viewed the EIA follow-up more of an obligation to the EIA legislation than the moral need protection of the environment. These respondents prolonged compliance on site.
- The lack of staff resources and capacity from authorities hindered enforcement on site, when required. This impacted on the efficiency of the follow-up. This was visible when the ECOs requested their intervention on site.

Some of the literature cited:
Morrison-Saunders, A and Arts, J. (eds), 2004. *Assessing Impact Handbook Of EIA and SEA Follow-Up* (eds). London: Earthscan
Morrison-Saunders, A., Marshall, R., and J. Arts, 2007. *EIA Follow-Up International Best Practice Principles. Special Publication Series No. 6*. Fargo, USA: International Association for Impact Assessment.
Morrison-Saunders, A and Arts, J., 2005. Learning from experience: emerging trends in environmental impact assessment follow-up. *Impact Assessment and Project Appraisal*, 23 (3), 170-174.
Republic of South Africa. 2014. *Environmental Impact Assessment Regulations, 2010*. Pretoria: Government Printer.

WHAT ARE WE ACHIEVING? WHERE ARE WE HEADING?

After much anticipation - the 20th Annual National Conference was finally here! Upwards of 300 delegates were warmly welcomed to the central Drakensberg by the incredible scenery, accompanied by a late winter sunset back-dropped onto the Champagne Castle Mountains. The excitement in the air of the much anticipated event was echoed by the familiar greetings of old friends and colleagues meeting again.

The event was kicked off by a lovely meet-and-greet, setting the benchmark for the days ahead. A local KZN band, *Zulu Blue*, provided a great atmosphere for the evening. We were also privileged to have a performance by the ever so talented choir from Bergville Primary School. In exchange for their performance, IAIAsa made a donation to the school as well as conducted a Tree Planting Initiative at their grounds, which is discussed in detail in a later article.

After a few formalities and welcomes, the evening slowly drew to a close. And then it started - Day 1 of the conference sprung into action with a key-note address by Prof Francois Retief, followed by an EAPASA Overview, as well as some formalities from our NEC. After lunch the parallel sessions got underway. This year's conference was the first time we have had 4 parallel sessions, demonstrating the array of presentations available to delegates. Session formats ranged from presentation style to more informal workshops and panel discussions. Day 1 was ended off with a good old Happy Hour followed by a poster presentations session, the Juta Book lunch and the screening of *The Shore Break* film. Day 2 was kicked off with an early morning sports session, followed by a jammed pack day of parallel sessions as well as the IAIAsa AGM. And then the fun really got

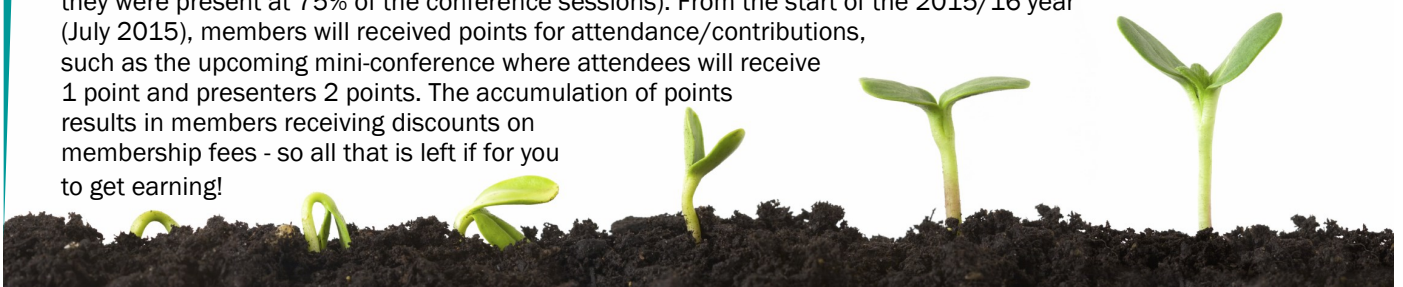
underway when the venue was transformed into a Spring Ball Gala Dinner. Guests were welcomed by a beautifully decorated hall and celebrations were underway, providing an evening of fun and laughs. Before we knew it, the final day of the conference was upon us. The morning was kicked off with a presentation by Michael Slattery, followed by a final set of parallel sessions and a world café session which provided closure to the conferences' topic. Finally, the event was closed through a Prize Giving and a summary of the conference. Needless to say, it was, as promised, a *spectacular* conference, providing the perfect platform for sharing, networking and fun. We thank all of those who selfishly gave up their time to organise and participate in making this milestone conference the spectacular event it was!

Sian Oosthuizen



CPD ACCREDITATION

Another 'New to IAIAsa' is the introduction of *Continuing Professional Development* (CPD) Points. Points are gained when IAIAsa members attended and present at IAIAsa events, trainings, courses and conferences. Those who attended the 20th Annual National IAIAsa Conference this year would have received 2.5 Points (given that they were present at 75% of the conference sessions). From the start of the 2015/16 year (July 2015), members will receive points for attendance/contributions, such as the upcoming mini-conference where attendees will receive 1 point and presenters 2 points. The accumulation of points results in members receiving discounts on membership fees - so all that is left if for you to get earning!



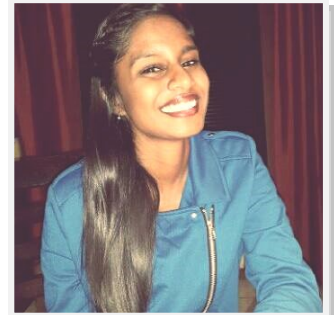
A WORD FROM OUR SEEDLINGS



"What an enlightening experience at the IAIAsa Conference!!! The IAIAsa 2015 Conference has come and gone, but the memories and knowledge acquired will remain with us as IAIAsa student members. The line-up of workshops, panel discussions, papers, and obviously social events - in the beautiful Drakensburg setting - created a unique fun-filled and enlightening IAIAsa experience. Three things stood out for me:

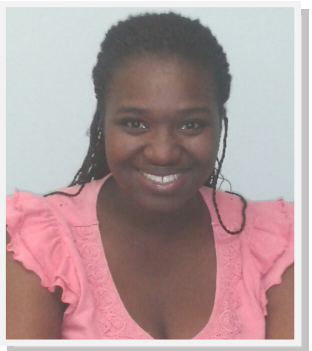
- 1) the invaluable networking,
- 2) the technical knowledge exchanges around environmental assessment, and
- 3) the general willingness to work as a team with the inevitable memorable experience.

It was truly a spectacular conference." *Kusasaletu Sithole*



"What an amazing opportunity it was to have attended the 20th IAIAsa National Conference. It was a great opportunity to be among professionals within the same field as me -environmental management.

I learnt a lot from the sessions that I attended, the social events as well as in between breaks which allowed for valuable networking. I had the privilege to present my research in the form of a poster presentation. I felt that this opportunity allowed me to meet many people and gain many contacts within the environmental field which will help me in entering the working world next year. The interactive poster session was also beneficial for me in-terms of gaining constructive criticism and positive feedback about my research project- which was a huge confident booster. I felt that the actual sessions were extremely insightful and I learnt a lot from the actual discussions and question and answer sessions. Overall, the conference was a fun, interactive and a great learning experience. I would definitely recommend students to attend in the future conferences." *Simone Pillay*



"The IAIAsa conference was, to say in the least, most insightful and knowledgeable. Over just three days I got to learn so much about the environment and the various professions one can pursue. The conference brought together people from diverse professions, companies and organisations. It was so interesting to see how lawyers, consultants (EAPs and ECOs), government officials, academics and students came together in agreement with regards to environmental protection and what the future holds for IASAsa.

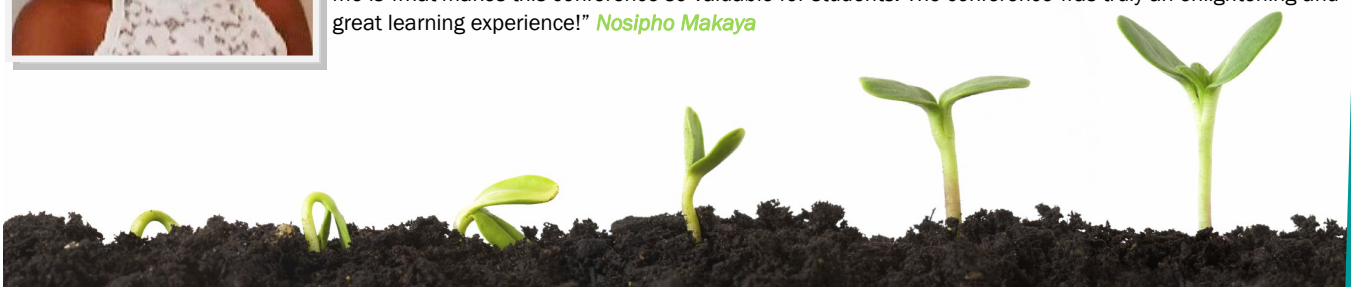
As student we got to sell trees. Not only did we participate in reducing our carbon footprint, but it was a great opportunity for networking with delegates from the conference. My highlight was the ongoing networking this event provided. I was honoured to meet Angus Morrison-Saunders, who was my lead author in my research, in person as well as Jan Wessels.

I appreciate how well organised the entire conference was with a variety of sessions. One was never bored with the presentations, posters, workshops, panel discussions or even the world café (which was absolutely fun). Lastly, I am really inspired about what I can do, in my small circle, towards the environment. IAIAsa Conference 2016: I am definitely presenting!" *Charity Cele*

"I was one of the fortunate students to be sponsored to attend the 20th Annual IAIAsa Conference in August, 2015. The setting was the magnificent Central Drakensburg at Champagne Sports Resort. Memories were made with student branch members as well as new friends gained. Apart from this, the IAIAsa conference stood out to me as I learned valuable information from practising professionals, and the issues they face working in the Environmental field in which I have not yet been exposed to. Secondly, the conference provided the means to interact and get to know environmental professionals, which I one day may apply to for jobs, therefore the opportunity to network and interact with such people was extremely valuable as a student who is soon to enter the working world. The IAIAsa conference was therefore an experience which was invaluable to all those students who attended and I am grateful for being able to be a part of it." *Matthew Dickey*



"As an Environmental Management student, the IAIAsa conference was an unforgettable, inspiring and priceless experience! It was great to interact not only with EAPs but also other specialists such as Wetland Specialists, Soil Scientists, Social Impact specialist etc. in the Impact assessment field. I believe this is what underpins environmental management - adopting the interdisciplinary approach by working together towards a sustainable environment. When I came back from the conference, I could not stop praising it to my colleagues. The knowledge gained was undoubtedly priceless. I was encouraged to further my studies and do a Master's degree. It was great to finally hear from the horse's mouth what EAPs experience in the working world which gave me an idea of what we as students are studying towards. I think it is great for students to know what the working world is like, to finally place 'theory into practice'. After attending the conference, I came back knowing exactly what I want to specialize in after I finish my studies, and that to me is what makes this conference so valuable for students. The conference was truly an enlightening and great learning experience!" *Nosipho Makaya*



REAL WORLD EIA

WHAT YOU REALLY NEED TO KNOW ABOUT THE EIA PROCESS

3 Day Training Course - 26 to 28 October 2015 - Durban KZN

Vicki King has 25 years experience as a consultant to a variety of industries, large and small, in the field of environmental management. She has worked globally in the environmental field. She is a formally 'trained' trainer and has provided training for Government, Consultants and Industry in many areas of environmental management. Her EIA course has been attended by many practitioners over the years and is always highly praised by the attendees.

This course will deal with the practical application of the basic assessment and EIA regulations and principles of IEM. The course includes a description of EIA triggers (2014), and an overview of all applicable legislation (to focus on recent changes to the Waste Act, NEMA, etc.) as well as authority requirements. Issues relating to latest techniques for assessing impacts, managing sub consultants, incorporating specialist reports and dealing with clients will all be covered in the course. Practical exercises will reinforce the learning experience.



Visit www.metamorphosisdbn.co.za/training.htm for more details
Hosted by Vicki King of Metamorphosis Environmental Consultants

RSVP by Friday 16 October 2015 to vicki@metamorphosisdbn.co.za or 031 765 2713

NOT JUST TREES

Symbols of growth, aesthetic appeal, fruits of the earth, shade provider, awareness creators ... Just some of the terms that can be used to describe one of nature's most precious resources ... A tree.

Planting something that will surpass generations and bring knowledge, joy, fruits, shade and beauty is a truly rewarding experience. As an environmental impact association, IAIA was overwhelmed by the generosity and appreciation for the tree planting initiative conducted as part of the national conference. Being our milestone 20th Annual National Conference, the local organizing committee went beyond the call of duty to conduct a legacy initiative which achieved numerous objectives. One of this year's conferences' goals was to mitigate and offset the carbon emissions generated from the event.

Acknowledging that our emissions affect local communities and environments, the committee undertook the challenge to offset emissions through a local tree planting initiative.

What appeared to be an even greater challenge was to conduct this task

without a budget - although, we were stunned by the generosity of nursery's in the natal midlands as well as conference delegates who donated a total of 16 trees to the initiative. We were overwhelmed by the response and eagerness of the donors, whom deserve special mention. They included:

- ⇒ Sean O'Beirn and Vici Napier from **SE Solutions**
- ⇒ Sue George from **Balanced Environment**
- ⇒ Sarah Allan from **The Independent Environmental Advisor**
- ⇒ **The Indigenous Nursey** in Pietermaritzburg
- ⇒ **Ronnoco Nursery** in Hilton
- ⇒ **Nkosi Indigenous Nursery** in the Karkloof
- ⇒ **Blackwoods Nursery** in Pietermaritzburg

We cannot portray our thanks enough for their kindness. But the fairy-tale doesn't end there. In our efforts to plant trees at a local school or institution, we stumbled across the most amazing team of teachers at from Bergville Primary School. To say they opened their hearts to the idea

would be an understatement. Mrs Green, the schools headmistress, eagerly planned where the trees would be planted, how the school children could be involved and ensured that all ran smoothly. Soon after arriving at the school on Friday 14th August, the conference organising committee, along with several other delegates and members of our IAIA KZN Student Branch, quickly realized the need for the precious tress. We started the afternoon by planting a range of hardy indigenous and fruit trees around the schools sports field, which will provide fruit and shade during those fun sporting days. We then moved down to the boarding school grounds, where we were warmly welcomed by eager students from various age groups. The kids were so excited and got straight on to helping plant the tress, each having their turn to shovel soil. They asked questions about how to plant the trees and what kind of trees there were - the start of a lifetime of awareness that these gems provide. As the sun began to set, we closed off the afternoon by a round of thanks and joyful photos where the

common "Cheeeese" was appropriately changed to "Treeees"! The afternoon was closed by a senior primary pupil reading out the most wonderful speech that truly captured the essence of the initiative and filled our hearts with warmth.

"On behalf of the Hostel's leaners and staff I would like to thank you for the new trees. Not only are we going to enjoy them, but also the leaners that will be living here at the Hostel. We will definitely enjoy the shade that these trees provide during hot

summer afternoons. We promise to take care of the trees and to make sure that they will still be here for generations to come. Thank you so very much."

Sian Oosthuizen



EDITOR

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IAIAsa KZN 2015 Mini-Conference

Friday 16 October, 8:30 – 15:00, Braeside Estate, Ballito

Members
receive 1 CPD point
for attendance

Missed out on the National Conference?

Here's an opportunity to check out just how proud our awesome KZN members made us

- An Integrated Business approach to ensure quality assurance in Environmental Impact Assessment: A case study from GIBB (Pty) Ltd – *Katherine Wiles and Charl Kruger*
- Development of Sustainable Urbanism Principles for use in Holistic Strategic Planning – *Jessica Brislin*
- Environmental Management in the 21st Century: GIS Technologies to Facilitate Implementation of Environmental Process Outcomes – *Keagan Allan*
- Equator Principles and IFC Performance Standards: Raising the Bar in Developing Economies – *Ian James*
- Introduction to Equator Principles and IFC Performance Standards 101 – *Marc Blanche*
- Keeping mediation on the agenda – *Janice Tooley*
- The hidden cost of streamlined EIA Regulations: who will pay the price when the coast retaliates – *Tandi Breetzke*
- Tender conditions: an ECO's dilemma – *Adrienne Edgson*
- The Practicalities of Implementing Co-operative Governance in Mine Rehabilitation: Lessons Learned – *Russel Stow*
- The use of Technology in streamlining Environmental Compliance – *Andrea Murray-Rogers*

Cost – IAIAsa Members: R190 (VAT incl.); Non-Members: R385 (VAT incl.). Includes lunch

RSVP to Kath by 9 October – kwiles@gibb.co.za

NOTICES

It seems love has been in the air over the past few months. We would like to congratulate two of our own committee members on their recent milestones.

⇒ **Sandile Nkomonde**, our marketer, married his beautiful (now wife) Anele in August

⇒ **Andrea Murray-Rogers**, our treasurer, got engaged to Shane in September this year

We wish Andrea and Sandile, and their better halves, all the best for their future adventures.

In other news, KZN members are again shining high at a national level.

⇒ **Danielle Sanderson** (née Michel) is the chair for the 2016 national conference

⇒ **Kusasa Sithole** has been elected as the Student Representative on the National Executive Committee
Congratulations to both Danielle and Kusasa, I am sure you will continue to make IAIAsa KZN proud!

