

IAIAsa2006 PROGRAMME OF EVENTS

SATURDAY 26 AUGUST 2005

09:00 Two-day tour of Northwest Province departs from Johannesburg International Airport
18:00 NEC members and course participants arrive

SUNDAY 27 AUGUST 2006

08:30-09:00 Registration for training courses
09:00-17:00 Training courses (see course programmes below)
09:00-17:00 National Executive Committee Strategic Planning Meeting (KwaMaritane)
15:00-18:00 Arrival and registration of conference delegates
17:00- Tour participants return

18:00-18:30 Conference opening in the main conference venue
Introduction - Nigel Coni (IAIAsa President)
Keynote address - Ross Marshall, IAIA International President - *The Global Role of IAIA*

18:30-21:00 Meet and Greet cocktail party (Restaurant area)

Resume of the keynote speaker

Dr Ross Marshall is an EIA/SEA practitioner with over 15 years experience of impact assessment for large scale infrastructure projects with Scottish power, Welsh Water and consultancy in the UK & international energy, water treatment, transport, waste and oil/gas sectors. In 2003 he joined the UK Environment Agency to set up the National Environmental Assessment Service (NEAS). NEAS has responsibility for screening all high risk Agency plans and programmes (ca 400 per year) for flood risk management, navigation, water abstraction, contaminated land and fisheries, and provides an advisory service to all other internal regulatory functions on EIA, SEA, landscape design and archaeology. From July 2004 the Environment Agency will be the UK's largest single obligated preparer of SEA Environmental Reports.

In May 2006 he became the President of the International Association for Impact Assessment, and is dedicated to increasing the global networking role of IAIA.

He is a Council member on the UK's Institute of Environmental Management & Assessment's (IEMA) Professional Standards Committee (developing professional career structures for environmental professionals) and Technical Committee for EIA and SEA (qualitative review of statements and professional standard examinations for EIA practitioners). He is the author of several papers and book chapters on EIA, SEA and environmental management systems.

He completed his PhD on 'The Role and Concept of Mitigation in EIA' in 2001 at the University of Strathclyde and since 2003 has been a visiting Senior Research Fellow at Strathclyde's Graduate School for Environmental Science.

DAY ONE

MONDAY 28 AUGUST 2006

07:30-08:45 Registration and coffee/tea
 08:45-09:00 Conference welcome and opening, Jan-Albert Wessels, Conference chair, Northwest Province
 09:00-11:00 SESSION 1

VENUE: Main venue (Tau/Nare)

Theme: Environmental governance into the future

1. *Cormac Cullinan* - Understanding the evolving environmental governance system in South Africa.
2. *Actor Katurura* - Democratising environmental governance: challenges and pitfalls.
3. *Brauteseth, Norman* - Life after the new regulations – who rules: the lawyers or sustainable development?
4. *Terry Winstanley* - Co-operative governance in environmental decision-making: who decides what and how?

11:00-11:30 TEA

11:30-13:00 SESSION 2

VENUE: Tau

Theme: Planet - EIA tools and process

1. *Mari Els* - Solutions for raising the image of environmental assessments, audits and programmes from just another legal requirement thus mere justification for development to practical planning tools for bringing about constructive transformation.
2. *Karen Shippey and Andrew Spinks* - The role of the environmental assessment practitioner post-EIA.
3. *Bennett Chabalala and Francois Retief* - The cost of environmental impact assessment (EIA) in South Africa – an evaluation in the Free State Province.

VENUE: Nare

Theme: People – Social assessment tools

1. *Kobus du Pisani and Luke Sandham* -Assessing the performance of SIA in the EIA context: A case study of South Africa.
2. *Ilse Aucamp* - Social impact assessment as a planning tool – can social tools tango?
3. *Ismail Banoo and Bob Urmilla* - Community perceptions regarding the use of natural forest resources (specifically woodlands) and forest policy issues in South Africa: A case study of the Hlabisa area, KZN.

VENUE: Rhino

Theme: Governance - The judiciary and the environment: environmental courts and recent case law

1. *Kagiso Keatimilwe and Duma Boko* - The judiciary and environmental management (in Botswana): the (environmental) courts and recent case law.
2. *Wandisile wakwa-Mandlana* - Jury out to scrap specialist courts: Case made for retaining and expanding the scope of the Environmental Court.
3. *Anel du Plessis* - Is compliance with Local Agenda 21 and environmental law some of the challenges of local governments in South Africa?

13:00-14:00 LUNCH

14:00-15:30

SESSION 3

VENUE: Tau

VENUE: Nare

VENUE: Rhino

<p>Theme: Planet – Decision-making for biodiversity protection</p> <ol style="list-style-type: none"> Bryony Walmsley, Susie Brownlie and Peter Tarr - Making decisions on biodiversity: the challenges faced in Southern Africa. Sarah Kvalsig - Threatened or protected? The impact of new draft regulations under the Biodiversity Act and of the EIA regulations on the wildlife industry in South Africa. Claudia Holgate and Roselle Sheriff - Urban development vs. sensitive areas: What buffers are required to protect against the impact of urban development on sensitive areas? 	<p>Theme: People – Process and practice</p> <ol style="list-style-type: none"> Mabotha Solly Manyaka- The social and economic impacts of mining in the eastern Bushveld: a case study. Jeanette Rascher - Intercultural communication in practice: the proposed Mafube Coal Project: an anthropological and sociological perspective. Danie Neumann- Health impact assessment: the emerging tool. 	<p>Theme: Alternative environmental governance instruments: economic, command and control, civil, voluntary agreements, incentives</p> <ol style="list-style-type: none"> Willemien du Plessis and Johan Nel - Compliance and enforcement of South African legislation by means of a hybrid of environmental governance instruments. Sandy Paterson - Facilitating environmental management through market-based instruments. Prav Sewmohan, F Marais, Kenneth Cameron, and P Gunther - Co-operative governance: making it work in favour of development.
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15:30 -16:00

TEA

16:00-17:30

SESSION 4

VENUE: Tau

VENUE: Nare

VENUE: Rhino

<p>Theme: Planet - Environmental management tools - SEA</p> <ol style="list-style-type: none"> Elanie Meyer - Evaluating the performance of conservation related strategic environmental assessment (SEA) within the South African context. Francois Retief - Effectiveness of strategic environmental assessment (SEA) in South Africa. Bryan Havemann - Innovation in SEA/EIAs: case examples from Africa. 	<p>Theme: People and planet: Lessons learnt - a case study of mining in the Congo</p> <ol style="list-style-type: none"> JAC Cowan et al - Co-operation for sustainability in a mining town: a DRC case study. Maia Matshikiza et al - Organisation for community participation and development in a mining context: a DRC case study. Tim Hart et al - Setting standards for mining sustainability: a DRC case study. 	<p>Theme: Planet - Pollution, environmental management and performance</p> <ol style="list-style-type: none"> Martin van Veelen - Setting resource water quality objectives for surface water resources. Steve du Toit - Towards the sustainable management of South African coastal water resources. Louis J. Kotzé- On fragmentation and diffuse systems for pollution regulation: the case for uniform pollution standards in South Africa.
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19:00

Dinner all delegates at KwaMaritane Restaurant – evening free

DAY 2

TUESDAY 29 AUGUST 2006

08:00-08:30 Registration for single-day delegates

08:30-10:30 SESSION 5

VENUE: Tau	VENUE: Nare	VENUE: Rhino
<p>Theme: Environmental governance tools - mechanisms, structures and procedures for co-operative governance</p> <ol style="list-style-type: none"> 1. Michael Vermaak - Co-operative governance, multiple environmental authorisation requirements and the NEMA EIA regulations – the risks and opportunities for practitioners and project proponents. 2. Ingrid Coetzee - Achieving sustainable development in the North West Province through cooperative governance interventions. 3. Elisabeth Olivier - Environmental management frameworks: the linkage to spatial development frameworks - the Ekurhuleni experience. 4. Paul Lochner et al - Integrating sustainability into strategy (ISIS): a process to inform sustainability strategies, frameworks and reports. 	<p>Theme: Environmental management tools in the mining sector</p> <ol style="list-style-type: none"> 1. Kerry Fairley and Charl Nolte - The Sishen South Project: going beyond the EIA to ensure the protection of the environment. 2. Brian Rademeyer et al - Tailings impoundment decision support system : development of a first order decision support system for the sustainable design, operation and closure of metalliferous tailing disposal facilities. 3. Lynn Randell and Hylton Allison - When are mining related industries regulated by the ECA / new regulations and not by the MPRDA? 4. Chris Williams - The use of hedonic techniques to confirm impact of small mines. 	<p>Theme: Planet - Spatial tools</p> <ol style="list-style-type: none"> 1. Richard Summers - Conservation servitudes as a means of conserving and managing land in South Africa. 2. Bruce H. Brockett and Roger Collinson - Zonation, peripheral development and EIAs: A case study of the procedures and process used with the Bakgatla tourism concession developments in Pilanesberg National Park, South Africa 3. Fathima Ahmed - The use of spatial analysis in strategic environmental assessment (SEA) to identify and predict the ecological impacts of development on the KwaZulu-Natal north coast of South Africa. 4. Mari Prinsloo - An investigation into the problems, shortcomings and benefits encountered during the environmental management processes for three golf course developments in South Africa.

10:30-11:00 TEA

11:00-12:30

SESSION 6

VENUE: Tau

VENUE: Nare

VENUE: Rhino

<p>Theme: Planet - Environmental management tools - criteria and standards</p> <ol style="list-style-type: none"> <i>Nicola Read</i> - Exploring the synergies between reporting frameworks. <i>Scotcher, John et al</i> - The Noodsberg canegrowers sustainable sugarcane farm management system (SuSFarMS): an example of sectoral environmental performance standards. <i>Roger Naidoo</i> - Integration of policy and implementation programmes along ISO14001 framework: Case study in the management of development in urban open spaces. 	<p>Theme: People- Public participation tools and effectiveness</p> <ol style="list-style-type: none"> <i>Monique Sham and Claudia Holgate</i> - Is there value in public participation processes in environmental assessment decision making? <i>Lindiwe Gaika</i> - Enhancing the effectiveness of public participation. <i>Susie Brownlie, Charl de Villiers and Jeffrey Manuel</i> - Review of the effectiveness of the Botanical Society's input to environmental impact assessments in the Western Cape, South Africa. 	<p>Theme: Governance for compliance and enforcement, e.g. environmental management inspectors</p> <ol style="list-style-type: none"> <i>Frances Craigie and Melissa Fourie</i> - The Environmental Management Inspectorate – prospects and challenges. <i>Sibonelo Ndlovu</i> - The requirement to assess the no-go option under the NEMA EIA regime. <i>Justine Sweet</i> - Legislating for effective enforcement.
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12:30-13:30

LUNCH

13:30-15:00

SESSION 7

VENUE: Main venue

Theme: IAIAsa Award finalists presentations
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15:00-15:30

TEA

15:30-16:30

SESSION 8

REGIONAL FORUMS

VENUES: Various

Eastern and Western Cape	Orange Free State and Northern Cape	Gauteng	KZN	Limpopo	Mpumalanga	Northwest
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This session provides an opportunity for people from the same region to meet each other, discuss locally significant issues and activities and for the IAIAsa Branch Committees to gain valuable information to guide them through the next year.

16:30-18:00

SESSION 9

VENUE: Main venue

Venue: Rhino

IAIAsa Annual General Meeting	ELA Annual General Meeting
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19:30 onwards

IAIAsa Awards ceremony in main venue and Gala Dinner in KwaMaritane restaurant
Evening entertainment – Sun City

DAY 3

WEDNESDAY 30 AUGUST 2005

08:30-10:00

SESSION 10

VENUE: Tau	VENUE: Nare	VENUE: Rhino
<p>Theme: Enhancing effectiveness</p> <ol style="list-style-type: none"> 1. Paul Lochner and Nigel Rossouw - Environmental monitoring committees: their increasing role in facilitating ongoing environmental management and the challenges they face. 2. Samantha Ralston - Dreamworld Film City – a dream or a nightmare? Lessons learnt from an EIA process gone wrong. 3. Nick King and Sean O'Beirne - Achieving sustainable development in SA - the case for formalised independent review within the EIA process. 	<p>Theme: People and the Planet</p> <ol style="list-style-type: none"> 1. Rethabile Sehlabi and Tracey McKay - Organic composting as a sustainable development initiative in the City of Johannesburg. 2. Sharon Meyer - Biological control of rodent populations and environmental education of communities within semi-urban areas in Sebokeng, South Africa. 3. Stephanie van Zyl - Self-help environmental assessment for the urban poor. 	<p>Theme: Planet -Sustainability tools</p> <ol style="list-style-type: none"> 1. Donald Gibson, Darryll Kilian and Penny Urquhart - South Africa's national strategy for sustainable development: is it the holy grail for achieving sustainable development? 2. Michael Andre Van Niekerk - The role of consultants in collaborative policy-making: a case study of Kwadukuza, Kwazulu-Natal. 3. Chantal Will -- State of the environment reporting (SOER) and the policy process in South Africa: learning for the future.

10:00-10:30

TEA

10:30-12:30

SESSION 11

VENUE: Tau	VENUE: Nare	VENUE: Rhino
<p>Workshop: EAP decisions in the EIA process - Mike Luger et al</p> <p>The ultimate aim of the EIA process is to facilitate informed decision making by the competent environmental authority. However, the process demands a suite of decisions from the responsible Environmental Assessment Practitioner that fundamentally influence the form and content of the Basic Assessment or Environmental Impact Assessment report. These decisions range from the nature and form of stakeholder engagement, the nature and number of alternatives, the determination of what specialist studies are required, the scope and individual responsible for specialist studies, the assessment itself, the type and extent of mitigation, the content of the</p>	<p>Workshop: The EIA toolkit - Nick King</p> <p>The Endangered Wildlife Trust (EWT) is developing a user-friendly and demand-driven guide to the new Environmental Impact Assessment Regulations, promulgated in terms of Chapter 5 of the National Environmental Management Act 107 of 1998. The Toolkit will assist stakeholders and improve the public participation process. The guide will incorporate, <i>inter alia</i>, flow charts, answers to frequently asked questions, document templates, general and specific information and also provide a link to other statutorily-defined processes taking place concurrently with the environmental impact assessment process. Initially a draft Toolkit will be web-based.</p>	<p>Workshop: Public participation in environmental authorisation: approach and principles - Toni Pietersen</p> <p>The Southern African Institute of Environmental Assessment (SAIEA), through support provided by the World Bank and the Canadian International Development Agency, undertook a two-year project, the <i>Calabash Project</i>, in close cooperation with Southern African stakeholders to enhance civil society participation in EA decision-making in the SADC region. One of the many valuable outputs of the Calabash Project is the production of a training workbook on Public Participation in Environmental Assessment in Southern Africa, which was co-authored by Antoinette (Toni) Pietersen and finalized with inputs from participants representing different sectors of society, a suite</p>

<p>environmental management plan and ultimately the recommendation to the competent environmental authority on the acceptability of the proposed development. The purpose of this workshop is to encourage debate on how the EAP should approach these decisions in order to ensure compliance with the new NEMA regulations as well as meeting best practice.</p>	<p>EWT proposes to facilitate a workshop which will include a hands-on demonstration of the EIA Toolkit. The workshop will encompass about 2 hours in 4 x 30min blocks as follows:</p> <ul style="list-style-type: none"> • 30 minutes: Introduction and demonstration of the Toolkit • 30 minutes: Each delegate will receive a CD and will need to have or share a laptop for them to run through the Toolkit and assess its user-friendliness, intuitiveness and appropriateness for different target audiences (we would like as broad a cross-section as possible). Two instructors will walk around and provide answers to queries • 30 minutes: Feedback and common problems session (output from previous session) • 30 minutes: Further individual hands-on and instruction. <p>Delegates who wish to keep a copy of the CD will be asked to pay R100 in order to cover costs (invoices issued if required) and requested to provide feedback to the EWT.</p>	<p>of different educational and cultural backgrounds throughout the SADC Region. The material is available on www.saiea.com (click on Calabash).</p> <p>Environmental problems and solutions demand difficult choices of society, particularly rooted in the trade-offs between economic growth, social equity and environmental integrity (sustainable development). Resource management issues are complex and difficult to resolve and requires an integrated approach to finding the best solutions, often with the involvement of multi-sectoral stakeholders with different backgrounds and perspectives.</p> <p>Public participation is the process that acknowledges these challenges, works with them and produces integrated, sustainable decisions. Therefore, the approach to public participation and the principles followed plays a key role. By attending this workshop you will learn:</p> <ul style="list-style-type: none"> ○ How to determine the level of public participation with respect to the EIA to be conducted ○ The good practice principles of public participation in an EIA ○ How to plan for and be involved in a public participation programme for an EIA (roles and responsibilities of the different players - government, decision-maker, public participation practitioner and society).
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12:30-13:00 SESSION CHAIR SUMMARY AND FORMAL CONFERENCE CLOSURE (MAIN VENUE)

13:00-14:00 LUNCH

14:00 DEPARTURE

ONE-DAY PRECONFERENCE TRAINING COURSES

Venue: Tau	Venue: Nare
<p>WRITING AND REVIEWING MINING EIA AND EMPS</p> <p>Course Presenters: Andrew Duthie (MSc, Pr Sci Nat, CEAPSA) and Nikki Fisher (MSc)</p> <p><i>Andrew</i> has 16 years' experience in environmental assessment and management of mining, industrial, water and tourism projects in Southern Africa. He is a leading practitioner in the mining sector having conducted assessments for a number of landmark projects and co-authored the official Department of Minerals and Energy guideline for such assessments.</p> <p>Andrew is an accomplished environmental assessment manager and integrative report writer, with excellent communication skills resulting in significantly enhanced project decision making and risk management for clients. Resolving the tension between public values and perceptions, technical facts, environmental constraints and economic imperatives using high performance multidisciplinary teams, is his passion.</p> <p>He has experience in a wide range of projects including: Coal, gold, platinum, diamond, vanadium, fluorspar and phosphate mining in South Africa, Namibia and Ghana, open space planning for Soweto, South Africa, tourism development in Mozambique, dragline walkways in the coal fields of South Africa, Catchment management plans and protocols to determine the wetland reserve and due diligence audits of industrial sites in South Africa.</p> <p><i>Nikki</i> has three years of teaching and tutoring experience at tertiary level. She has tutored various different botanical and ecological topics with a strong focus on scientific method. She has assisted in planning, co-ordinating and teaching on field trips, including a 14 day field trip to Inhaca Island in collaboration with SANED NEW, as well as practical components of undergraduate courses.</p> <p>COURSE PROGRAMME</p> <p>This will be a one day course and no more than 25 participants will be accommodated, but the course will proceed with a minimum of 10 participants. It will be presented as a mixture of lectures, discussions and syndicate work.</p> <p>Writing and reviewing EIA and EMPs are two sides of the same coin. The purpose of the course is to enable environmental consultants to write reports that are comprehensible and useful for decision making and to enable authorities to conduct reviews of such reports effectively and efficiently. Participants will learn the characteristics of well written reports and how to approach their review in a methodical manner.</p> <p>Course outcomes:</p> <ul style="list-style-type: none"> ○ The ability to recognise a well written report ○ The ability to navigate a report for decision making ○ The ability to compile a report that is logical and scientifically rigorous <p>Who should attend?</p> <ul style="list-style-type: none"> ○ Government authorities and decision makers ○ Environmental assessment practitioners ○ Project proponents <p style="text-align: right;"><i>continued/...</i></p>	<p>CAPACITY BUILDING IN BIODIVERSITY FOR IMPACT ASSESSMENT (CBBIA)</p> <p>Course presenter: Nico Willemsse</p> <p>COURSE PROGRAMME</p> <p>The training session is meant for southern African environmental decision-making authorities and professionals involved in EA. The session will be participatory – eliciting views from participants about key issues under parts 1, 2 and 3, as well as sessions on decision-making frameworks</p> <p>Participants will leave the training session with better understanding about i) the importance of biodiversity in the context of supporting human wellbeing and sustainable development in southern Africa, ii) how best to consider biodiversity in the EA process, iii) the importance of giving due consideration to biodiversity in decision making, within the broader context of sector and national development issues, and iv) the key challenges facing impact assessment and decision making on biodiversity.</p> <p>08:30 Welcome and introduction to CBBIA: Project overview, Situation Assessment, Guiding Document and rationale behind a training course in CBBIA</p> <p>09:00 Introduction of participants</p> <p>09:15 PART 1: Sustainable development, biodiversity, ecosystem services and human wellbeing, , biodiversity, ecosystem services, biodiversity in southern Africa, ecological resilience, and definition of terms used to emphasize importance of biodiversity – e.g. 'hotspot', 'threatened', 'Red Data', 'limited range', etc. Valuing biodiversity</p> <p>10:45 TEA</p> <p>11:15 PART 2: Environmental assessment and consideration of biodiversity/ ecosystem services (principles in EA, when should biodiversity be considered and at what level, environmental justice and equity issues, opportunity costs, need for specialized expertise) <i>Case studies will be used to illustrate the above two sessions.</i></p> <p>12:45 LUNCH</p> <p>13:30 PART 3: Decision making for sustainable development – taking due account of biodiversity and ecosystem services (principles of good governance, outcomes of decision making, robust steering and asking right questions, decision criteria and balancing different interests such as short-term economic benefits versus long-term conservation and economic benefit)</p> <p>14:45 Key questions that need to be answered at different stages of the EA process from a biodiversity perspective: EIA (screening, scoping, impact assessment) and SEA. Case studies will be used to illustrate this session, drawing on different sectors.</p> <p>15:30 Main challenges facing impact assessment and decision making on biodiversity issues</p> <p>16:00 Discussion on biodiversity, impact assessment and decision making. Feedback on the day's course, suggestions for improvement</p> <p>17:00 Adjourn</p>

Time	Activity
8:00-8:30	Introduction and course overview: writing with the end in mind
8:30-9:30	Decision scoping and decision making
9:30-10:30	Efficient and effective review
10:30-11:00	<i>Tea</i>
11:00-12:30	Review criteria and a practical example
12:30-13:30	<i>Lunch</i>
13:30-14:30	Characteristics of a well written report
14:30-15:30	Scientific writing and a case study
15:30-16:00	<i>Tea</i>
16:00-16:30	Wrap up

NORTHWEST TOUR