

Bringing IAIA18 Back

FULL DAY CONFERENCE



FINAL PROGRAMME

12 October 2018 | Riverside Hotel, Durban



07:45 – 08:30	REGISTRATION	
08:30 – 09:00	Opening Plenary Welcoming Address: <i>Sabelo Nkosi</i> (IAIAsa Incoming President) Key Note: <i>Marla Orenstein</i> (Canada) (International Past President) - A rapid tour of emerging technologies and Impact Assessment	
09:00 – 09:45	Session 1 – New Thinking and Technology in EIA	Chair: Reece Alberts <ul style="list-style-type: none">• <i>Miles Scott-Brown (Canada)</i> - Making sense of it all: Big data, better decisions• <i>Danielle Sanderson</i> - Using visual language in communicating EA processes• <i>Reece Alberts</i> (North West) - Custom bikes, houses, and Nikes: What can EA learn?• <i>Paul Eijssen (Netherlands)</i> - Digital IA reporting: The next step
09:45 – 10:15 BREAK		
10:15 – 11:00	Session 2 – Legal perspectives on environmental (in)justice	Chair: Janice Tooley <ul style="list-style-type: none">• <i>Anel du Plessis</i> (North West)- Reconfiguration of the role of cities in the global pursuit of socially-just and climate-resilient communities• <i>Willemien du Plessis</i> (presented by Janice Tooley) - EIAs and Environmental (In)justice: To comment or to consent?• <i>Peter Kantor (Western Cape)</i> - <i>Procedural environmental injustices in court</i>
11:00 – 12:00	Session 3 – Social Impacts and Assessment:	Chair: Danielle Sanderson <ul style="list-style-type: none">• <i>Ilse Aucamp (Gauteng)</i> - <i>Seychelles leading the way: Development of an SIA framework</i>• <i>Robin Bolton (Gauteng)</i> – <i>Managing Social Risks: The engagement process</i>• <i>Jessica De Beer (Gauteng)</i> - <i>Measuring the intangible</i>• <i>Balbawa Fatyi (Gauteng)</i> - <i>Indigenous Knowledge: A poetic narrative</i>
12:00 – 13:00 LUNCH		
13:00 – 13:45	Session 4 – Engagement session	Chair: – <i>Sian Oosthuizen</i> <ul style="list-style-type: none">• Empowered through play - How to simulate reality, enable stakeholders to generate understanding, test scenarios, and build knowledge
13:45 – 14:45	Session 5 – Biodiversity	Chair: Dave Cox <ul style="list-style-type: none">• <i>Jeffery Manuel (Western Cape)</i> – Biodiversity offsets in South Africa’s EIA system• <i>Dave Cox</i> – The Springrove Dam Biodiversity Offsets Story• <i>Sabelo Nkosi</i> – Innovative responses to biodiversity offsets in Durban• <i>Malcolm Moses</i> - Biodiversity offsets: A competent authority view• <i>Jeffery Manuel (Western Cape)</i> – Counter balancing loss with protection - not gain
14:45 – 15:00 BREAK		
15:00 – 16:30	Session 6 – The future of EIA	<ul style="list-style-type: none">• <i>Bryony Walmsley (Western Cape)</i> – Designing for infrastructure resilience and implementation• <i>Ross Marshall (UK)</i> – <i>Leadership skills in EIA project management</i>• <i>Bryony Walmsley (Western Cape)</i> – Effective implementation: Where can we improve?• <i>Nick King (Western Cape)</i> – Decision-making in an uncertain world: Welcome to the Anthropocene
16:30 – 17:00	CLOSING	
<div><div></div><div>Please Join us afterwards for drinks at the outside bar at Riverside Hotel (for your own account)</div><div></div></div>		

Please note: We have tried to get as many interesting speakers and topics into a one-day event, therefore:

- Some presentations will be in person, some streamed live into the sessions and some are pre-recorded.
- Discussion for each session will be held as time allows.

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FULL DAY CONFERENCE



12 October 2018



RIVERSIDE HOTEL

10 Kenneth Kaunda Rd, Durban North, Durban, 4065

Registration : 7:45 – 08:30



PRESENTATIONS AND PRESENTERS

<i>Name & Title</i>	<i>Presentation summary</i>	<i>Presenter Short Bio</i>
Opening Plenary		
Key Note: Marla Orenstein (Canada) (IAIA Past President) - A rapid tour of emerging technologies and Impact Assessment	Enjoy an amusing and informative tour of emerging technologies: what they are and how they may influence how impact assessment is practiced in the future.	Marla Orenstein is outgoing President of IAIA and a current member of the Board of Directors. She is also Director of the Natural Resource Policy Centre at the Canada West Foundation, an independent public policy think-tank. Her background is in epidemiology and health impact assessment, and she also has a strong interest in how new technologies are applied in business.
Session 1 – New Thinking and Technology in EIA		
Miles Scott-Brown (Canada) - Making sense of it all: Big data, better decisions	Even bigger than our footprint in the Anthropocene is the amount of data associated with it. How can we use this knowledge to make better decisions towards a more sustainable future?	Miles is an independent consultant with over 30 years experience in the environmental assessment management and performance of energy and infrastructure projects around the world. Many of my assignments concern finding environmental and social solutions to complex problems facing infrastructure development. Miles is a certified lead environmental auditor, a professional biologist, a former Board member of the International Association of Impact Assessment (IAIA) and an Adjunct Professor in the Faculty of Environmental Design at the University of Calgary.
Danielle Sanderson - Using visual language in communicating EA processes	Communicating sustainable development and environmental resilience to those outside this specialist realm requires branching out of purely scientific explanation and into that of graphics and media.	After gaining her Masters degree and working in the corporate sector for a number of years Danielle has become a free lance consultant, primarily focused on her background in Environmental and Social Assessment. One of Danielle's passions is the role that people play in developing integrated environmental management; particularly within South Africa. Part of this passion includes volunteering on the both the KwaZulu-Natal and National committee of the International Association of Impact Assessors, South Africa.
Reece Alberts (North West) - Custom bikes, houses, and Nikes: What can EA learn?	Can the application of design theory, thinking, and design elements help simplify EA?	Reece is by day an environmental lawyer with the NWU, but spends most of his time evading the office, climbing mountains, running long distances, kayaking rivers and lakes and failing at his dream of becoming a professional surfer. He is a terrible photographer and an aspiring minimalist and is thus truly grateful to the NWU for the opportunity to earn a living and make a difference in the field of environmental law and management.
Paul Eijssen (Netherlands) - Digital IA reporting: The next step	IA reporting is moving towards a digital way of working. This session highlights where we are in our developments, how we anticipate this to evolve, and how our customers think about digital IA.	Paul Eijssen is a strategic consultant with 30 years of professional experience in impact assessment. He is specialized in Impact Assessment (SEA/EIA) with involvement in many EA projects in the field of infrastructure and waterways, spatial planning, flood relief, airports, waste management and industry. As a strategic consultant, he is focussed on complex and strategic projects, knowledge exchange and innovation. As a Leading Professional for digital reporting he innovates our line

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		of work to make reports more accessible and transparent by using (interactive) visual information in favour of text.
Session 2 – Environmental Law		
Chair: Janice Tooley	Janice Tooley is a practicing attorney specializing in environmental law with extensive experience in EIA procedure, waste, water and air quality management, as well as legal compliance auditing, appeals and compliance notices. In addition to her law degree, she holds a Masters in Environmental Science and has over ten years' experience as an environmental consultant. Janice serves on the NEC of the South African affiliate of International Association for Impact Assessment (IAIAsa) as Past President and is a member of the Environmental Law Association.	
Anel du Plessis (North West)- Perspectives on the changing meaning of environmental injustice	The role that cities can and should play in adoption, implementation and execution of new global instruments. Movement in the discourse from service delivery agents situated in national states to agents for global change	Anél du Plessis is Professor of Law and Acting Director: Research at the North-West University (NWU). Her scholarship focuses on the nexus area of environmental-, local government and different aspects of human rights law and city governance. She is editor of the first and still only extensive volume on South African environmental and local government law. She has published widely and supervised more than 40 post-graduate students and post-doctoral scholars in these areas.
Willemien du Plessis (presented by Janice Tooley) - EIAs and Environmental (In)justice: To comment or to consent?	Conflicting aims or not? Environmental protection versus short and long-term justifiable social and economic development.	Willemien du Plessis is a professor at the North-West University's Faculty of Law. She do research on environmental law, land law and legal pluralism.
Session 3 – Social Impacts and Assessment		
Ilse Aucamp (Gauteng) - Seychelles leading the way: Development of an SIA framework	The process of developing a SIA framework for the Seychelles is discussed. The framework was developed in a participatory manner. Lessons learned, opportunities, and challenges are shared with the audience.	Dr Aucamp has conducted more than 120 SIA's, including housing developments, energy, transport, mining and recreational projects. Her experience includes facilitation, training, strategic assessments, social management and monitoring plans, social development initiatives, and public participation. She advises the Centre for Environmental Rights on social issues, and is on the advisory panel of the SIAhub, an international website aimed at SIA practitioners. She is co-author of the IAIA Social Impact Assessment: Guidance for assessing and managing the social impacts of projects document. She was invited to participate in the Expert Meeting on Non-discrimination for the World Bank's Environmental and Social Framework.
Robin Bolton (Gauteng) – Managing Social Risks: The engagement process	The expectations and views of indigenous communities versus corporates regarding engagements pre-, during, and post-projects will be explored.	Robin is currently the Executive Head of Sustainability at IsoMetrix, a global GRC software solution provider. His role involves assisting IsoMetrix with enhancing their integrated sustainability suite of solutions, system implementation as well as providing thought leadership on social and environmental sustainability. He is an environmental specialist and before joining IsoMetrix worked for 17 years as a consultant to the mining, oil and gas and infrastructure industries across Africa and the Middle East.
Jessica De Beer (Gauteng) -	This presentation will explore two approaches to	Jessica Edwards (de Beer) has over 16 years' experience in social research and community participation processes. She holds a

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<i>Measuring the intangible</i>	incorporating intangible aspects of the environment into the impact assessment and decision-making process in order to ensure environmental justice.	Masters Degree in Environment and Society from the University of Pretoria and has extensive experience in conducting social related impact assessments. She has development and updated Social and Labour Plans for several clients and assist with the identification of viable local economic development projects in liaison with local government stakeholders. Jessica has been involved in the design and management of public participation programmes and has undertaken social due diligence audits against the International Finance Corporation Performance Standards.
<i>Balbawa Fatyi (Gauteng) - Indigenous Knowledge: A poetic narrative</i>	I will be poetically talking about information and knowledge management, through the opportunity of honoring our indigenous knowledge and incorporating it into the sustainability agenda.	Babalwa is a Founder and Director of Myezo Environmental Management Services. She is a registered Professional Natural Scientist and Environmental Auditor. She co-authored scientific articles published in Australian Journal of Botany, Journal of Arid Environments, amongst others and has also published poetry books, with focus on sustainability matters.

Session 4 – Engagement session

<i>Chair: – Sian Oosthuizen Empowered through play - How to simulate reality, enable stakeholders to generate understanding, test scenarios, and build knowledge</i>	Empowering society to actively engage in decision making can be achieved by playing games that simulate reality, enabling stakeholders to generate understanding, test scenarios, and build knowledge	Sian is a senior scientist at the Institute of Natural Resources, and holds a MSc in Geography and a BSocSci Hons in Geography and Environmental Management. She has six years of experience in the fields of integrated environmental management, adaptation and resilience building, strategic planning, impact assessment, and local economic and livelihood development. Sian has a particular interest in the development and application of innovative engagement, consultation, and capacity development techniques.
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Session 5 – Biodiversity

<i>Dave Cox – The Springrove Dam Biodiversity Offsets Story</i>	Biodiversity offsetting addresses ongoing loss of biodiversity, but successful implementation is limited. The essential success elements for Biodiversity offsetting systems to improve practice.	Dave holds a Masters in Environment & Development and has 18 years' experience in the fields of Environmental Planning, Assessment & Reporting. He has been involved in the design of biodiversity offsets, research into conservation banking for wetlands and participated in biodiversity offset policy development at the national, provincial and local level.
<i>Sabelo Nkosi – Innovative responses to biodiversity offsets in Durban</i>	A pilot project in Durban to advance the science around biodiversity offsets and translate this into practical implementation and policy development.	Sabelo is a Senior Environmentalist at eThekweni Municipality in the Biodiversity Impact Assessment Branch of the Environmental Planning and Climate Protection Department. His work is mainly focused on private EIAs and various land use planning applications with the aim of protecting the Municipality's biodiversity assets. He has been involved in a number of biodiversity offsets within the Municipality and has an interest in the implementation of biodiversity offsets, and is member of the Municipal Planning Tribunal. He is a grade 2 Environmental Management Inspector (EMI) and has a keen interest in environmental law.

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Jeffery Manuel (Western Cape) – <i>Biodiversity offsets in South Africa's EIA system</i>	Offset implementation in a policy vacuum created challenges, but also opportunities, to tailor the concept to support implementation of the mitigation hierarchy.	Jeffrey Manuel is currently responsible for biodiversity information management and planning at SANBI. He has been involved with biodiversity offsets policy development and implementation in South Africa since 2010.
Jeffery Manuel (Western Cape) – <i>Counterbalancing loss with protection - not gain</i>	In the South African context, counterbalancing loss for protection, rather than No Net Loss/Net Gain, provides for a more consistent, measurable, and transparent basis for measuring equitable outcomes from offsets.	
Session 6 – The future of EIA		
Bryony Walmsley (Western Cape) – <i>Designing for infrastructure resilience and implementation</i>	Designing for infrastructure resilience and implementation	Bryony has 38 years' experience in environmental assessment in sub-Saharan Africa. From 1983-2004 she conducted numerous EIAs for a range of clients in mining, infrastructure, agriculture and industry. Since 2004, she has focussed on capacity building and training, research and development of EA tools, authoring numerous reference books, handbooks and manuals, due diligence audits and external guide and review of EIA reports. Her clients include the multi-lateral development banks, UN agencies, governments and the private sector. She has been an active member of IAIA for about 30 years.
Ross Marshall (UK) – <i>Leadership skills in EIA project management</i>	Leadership skills are a necessary component of EIA project management, not only to organize other environmental disciplines but also to communicate with other project managers and the client.	<p>An experienced Executive Manager and ESIA Practitioner with a track record across private consultancy/client IA and public governmental IA regulator sectors. Experience in building, developing & leading EESIA/SEA practitioner teams, investment strategy and in delivering regulatory/operational consents for large infrastructure projects in complex environments across the water & energy sectors.</p> <p>A past IAIA President, Ross remains active globally in promoting IA Best Practice, Leadership in ESIA/SEA and in the IA profession.</p>
Nick King (Western Cape) – <i>Decision-making in an uncertain world: Welcome to the Anthropocene</i>	The Anthropocene is an era of which we have no experience and for which we are ill-equipped in terms of understanding trends and trajectories and long-term outcomes. This session will explore potential future scenarios and the new leadership and decision-making approaches required to deal with the challenges of the Anthropocene.	Nick is a consultant in strategic planning, working with governments, business, NGOs and local communities, and across planning sectors. His experience includes assessment of environment and development policy and management in numerous countries, and participation on both governmental and non-governmental delegations to MEA negotiations, the IPCC and IPBES. He holds an Extraordinary Professorship at North-West University and a part-time faculty post at the University of Stellenbosch Business School. He has served on the Board of IAIA and co-founded the Climate Change Section. In 2018 he received IAIA's Individual Award in recognition of his ongoing contributions in environmental assessment and management.

A huge THANK YOU

to all those who helped put this conference
together and donated their time and
expertise!



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