

DRAFT 2

PROGRAMME: IAIA Sa NATIONAL CONFERENCE 2024 - ANEW Hunters Rest Hotel, Rustenburg

TIME	PRE-CONFERENCE: REGISTRATION AND STEWARDSHIP - 27th August 2024
11h30-17h30	Registration - Hunters Rest conference facility
14h00-16h00	Stewardship - Join us
18h30-20h00	Cocktail Evening: The Grove: Theme - TBC - Chair: Monique Sham - ETAZA
	Poster: Balancing biodiversity conservation and renewable energy: Should renewable energy projects be developed within National Protected Area Expansion Strategy focus areas? Helen Antonopoulos - CSIR
	Poster: Renewable Energy in Mpumalanga (South Africa) - On a Wing or a Prayer? Gavin Cowden - DARDLEA
	Poster: Closure of mines through an ESG lens Natasha Smythe - SLR Consulting
	Poster: The potential role of remote sensing and machine learning in water quality monitoring: A case study on the use of visible and near-infrared reflectance spectroscopy to predict heavy metal concentrations in the water and sediment of the uMngeni Estuary in KwaZulu-Natal, South Africa
	Poster: Challenges faced in Renewable Energy Cluster Projects Andisiwe Mkhize - SLR Consulting
	Poster: Assessment of Just Energy Transition impact to the vulnerable communities within the coal region of the Mpumalanga Province Fezile Moyana - DARDLEA
	Poster: Barriers and opportunities to the implementation of clean energy initiatives: a platinum mine case study Nongaka Khaas - NWU
	Poster: NEMA and Onshore Gas Exploration - sustainably making a square peg, fit a round hole Theo Wicks - SLR Consulting
	Poster: Challenges of Managing Resettlement: Lessons learned through a Socio-Economic Study of a resettled community Nontethelelo Dlamini - SLR Consulting
	Entertainment Activity

TIME	DAY 1: 28th August 2024			
06h00-07h00	Walk / Run - meet at conference entrance - Entertainment Committee Host			
08h00-09h00	Plenary Session (Room 1) - Chair:			
	08h00-08h05	Conference Opening (President of IAIAAsa) - Corné Niemandt		
	08h05-08h10	Welcome: Conference Chair		
	08h10-08h50	Keynote Address: Shonisani Munzhedzi - Chief Executive Officer at South African National Biodiversity Institute		
	08h50-09h00	Showcase Sponsor		
09h00-10h30	Break away sessions			
		Session 1 Venue: Sub-Theme : Achieving Biodiversity Conservation/Protection beyond the regulatory framework Chair: Mohlamatsane Mokhatla - UP	Session 2 Venue: Sub-Theme: Harmony in Innovation Chair:	Session 3 Venue: Sub-Theme: Towards a Nexus Framework Chair: Khangwelo Musetsho - Naledzi Environmental Consultants (Pty) Ltd
	09h00-09h20 (20 mins)	Developing a 30-by-30 Landscape Planning Tool for South Africa: balancing the need for conservation, agriculture and renewable energy Oliver Cowan - EWT	Current and future risks of biodiversity loss through the analysis of land use land cover change and climate variability in South Africa. Abel Ramoelo- UP	Role-players negotiating the trade-offs in the WEF nexus – A South African Perspective. Daniella Kristensen - Jones & Wagener (Pty) Ltd
	09h20-09h40 (20 mins)	Integrated Water Resource and Environmental Management of Groundwater Development/Abstraction within Hermanus (Western Cape) Kim Parker - Umvoto	Discriminating Acacia species using EnMAP hyperspectral data. King Matsokane - UJ	Water, Energy and Food Nexus: A suitable tool for environmental sustainability. Matilda Azong Cho - UP
	09h40-10h00 (20 mins)	The application of Standards in pursuit of Sustainable Development. When is “Enough” Enough? Richard Summers - Richard Summers Inc	Updating the North West Integrated Land Cover derived from the Provincial Land Cover Change Detection Analysis (1990 – 2022). Ray Schaller - DEDECT	Integrating the Water-Energy-Food Nexus Framework with Environmental Impact Assessment in South Africa: Opportunities and Challenges. Tiisetso John Rantlo - UP

	10h00-10h20 (20 mins)	The Integration of Land Restoration And Biodiversity Conservation Practices in sustainable Food Systems of Africa: A Systematic Review Monde Rapiya - UP	Implementation of the Environmental Planning mandate by NW DEDECT in support of Local Government Boitumelu Kunulu - DEDECT	Impacts and interconnections within the population-environment-development nexus in St Francis Bay. Anton de Wit - NMU
10h00-11h00	TEA BREAK			
	Break away sessions			
		Session 4 Venue: Sub-Theme: Harmony in Innovation Chair:	Session 5 Venue: Sub-Theme Connecting the Dots Chair:	Session 6 Venue: Sub-Theme Meeting the Regulatory requirements Chair:
	11h00-11h20 (20 mins)	Modelling of forest canopy cover using an integration of high-resolution aerial and satellite images through random forest machine learning method in Northern Botswana Theo Tsuaneng - UP	How the Screening Tool Enhances EIA Processes for Sensitive Plants and Animals Species Kholeka Shabalala - SANBI	Mind the gap – Gaps between IA & Construction in renewable energy. Barry Wiesner - Amathemba Environmental Management Consulting CC
	11h20-11h40 (20 mins)	Introducing the Land-Use Decision Support Tool for Species of Conservation Concern (LUDS SCC) Tool and its potential use within the EIA process Oliver Cowan - EWT	Cape Flats Aquifer Management Scheme (CFAMS) as a systems thinking City project that considers the SDGs and ESG for cross-cutting performance. Gemma Bluff- Umvoto	Environmental protection framework for exploration and sustainable development of groundwater resources for community water supply in South Africa. Zachariah Maswuma - Department of Water and Sanitation
11h00-13h15	11h40-12h00 (20 mins)	The Role of Citizen Science in Innovative Data Collection Methods: Experiences from data collection on vulture electrocutions in the Stormberg and Cookhouse REDZs. Sonto Mkize, CSIR.	Comparative Analysis of Five African Traditional Multi-purpose Crops Applying the Food Systems Lens. Sussy Muniolo - University of Pretoria	Meeting the regulatory requirements (checking boxes) or achieving positive outcomes (EIA, AUDITING and EAs): The Nigerian Environment. Ahmed Sanda - Ashawa Consults

	12h00-12h20 (20 mins) 12h00-12h15 (15 mins)	Remote sensing and machine learning-based approaches to developing national vegetation cover products to inform policy development on biodiversity protection and conservation. Mcebisi Qabaqaba - UP		Managing the Impacts of a Green Hydrogen/Power-to-X Economy: An Environmental Assessment Guideline for South Africa. Babalwa Mqokeli CSIR
	12h20-12h40 (20 mins) 12h15 -12h30 (15 mins)	The "Protectare" model. Application of novel Nature Credits in a South African context. Sam Laurence - Global Restoration Partners (Pty) Ltd	Effective consideration of environment in the development of Mpumalanga Climate Change Adaptation Strategy Dudu Sibiyi - DARDLEA	The Crucial Role of ECOs in Site-Specific Environmental Management for Groundwater Development. Melissa Rankin - Umvoto
	12h40-13h00 (20 mins) 12h30 -12h45 (15 mins)	Winging it with Wind Farms: Bird Flyways in Mpumalanga Robyn Luyt - DARDLEA	Regional Environmental Assessments: From conventional approaches to strategic focus and sustainability. Moses Otim- BIMCO Consult Ltd/ SRK Consulting	Standard for the Development and Expansion of Electricity Transmission and Distribution Power Line Infrastructure. Simon Moganetsi - DFFE
	12h45 -13h00 (15 mins) Lightning Talk	Citizens and amphibians: Testing the reliability of different citizen science databases in predicting South African frog species distributions Adriaan Van Straaten - DEDECT	Challenges and Opportunities for Africa with the current ESG Frameworks Zama Mkhize - Clicks Group	Climate Change and Enforcement Trends. Ayanda Msimang - Bowmans Gilfillan
13h00-14h00	LUNCH			
14h00-15h30	Panels/Workshops			
	14h00-15h30 (90 mins)	Session 7 Venue: Panel Chair: Paul Hardcastle - DEA &DP The Future of EMFs - what should change?	Session 8 Venue: Panel Chair: Theunis Meyer - NW University Reflections on the role of environmental auditing in	Session 9 Venue: Workshop Chair: Duduzile Sibiyi - DARDLEA Effectiveness of climate technologies assessment and planning on Just Transition.
15h30-16h00	TEA			

16h00-17h30	16h00-17h30 (90 mins)	<p>Session 10 Venue: Panel Chair: Jan Anton Hough - Digby Wells</p> <p>“We Want Cash: Managing Cash Compensation to Avoid Negative Consequences on Resettlement Planning”.</p>	<p>Session 11 Venue: Chair: Abulele Adams - CSIR</p> <p>3F Fit for Future - Tailoring Impact Assesment to survive the test of time</p>	<p>Session 12 Venue:</p>
19h00-21h00	Build a Burger Dinner & Evening Activity			

TIME	DAY 2: 29th August 2024			
06h00-07h00	Morning Activity - meet at the conference entrance			
08h00-09h30	Plenary Session (Room 1) - Chair:			
	08h00-08h10	Take Home Messages Day 1		
	08h10-08h30	Introduction of Keynote		
	08h30-09h20	Day 2 Keynote Address: Prof. Francois Engelbrecht Professor of Climatology and Director of the Global Change		
	09h20-09h30	Showcase Sponsor		
	Break away sessions			
		<p>Session 13 Venue: Sub-Theme Just Energy Transition & Energy Expansion Chair:</p>	<p>Session 14 Venue: Sub-Theme Environmental Legilsation Chair:</p>	<p>Session 15 Venue: Sub-Theme Public Participation/Future of Mining Chair:</p>
	09h30-09h50 (20 mins)		<p>A Strategic Assessment of watercourse infrastructure applications for the development of an exclusion Standard in KwaZulu-Natal Kashrina Sookraj - EDTEA</p>	<p>Public Participation in large scale projects – A case study of the 3rd iteration of the Wind and Solar PV Strategic Environmental Assessment-eMalahleni Renewable Energy Development Zone (REDZ), Mpumalanga. Phindile Mthembu - CSIR</p>

09h30-11h00	09h50-10h10 (20 mins)	The economic feasibility and the socioeconomic impacts of using sugarcane as a feedstock for sustainable aviation fuels (SAF): Empirical evidence from the South Africa Lungani Mvelase - Agrci UKZN	Charging into the Future: Unpacking Environmental Legislative Updates for Battery Energy Storage Developments Jana Minaar - Jone & Wagener (Pty) Ltd	
	10h10-10h30 (20 mins)	Transitioning Komati Power station from coal to renewable energy: the Journey and the Justness Ntombifuthi Mazibulo - ESKOM	Phase 1 of the West Coast green hydrogen master plan in support of the establishment of the Saldanha hydrogen hub in the Western Cape province. Dhiveshni Moodley - CSIR	Sustainable Social Considerations for the Mines of the Future Chanel McCall - Digby Wells
	10h30-10h50 (20 mins)	Managing Environmental and Social Risks of Green Hydrogen and Ammonia Export Projects in Africa Eloise Costandius - SLR Consulting	The opportunities of integrating climate change mitigation in the environmental authorization process. Mapula Tshangela - DFFE	
11h00-11h30	TEA BREAK			
	Break away sessions			
		Session 16 Venue: Sub-Theme Thriving in the Era of Climate Change Chair:	Session 17 Venue: Sub-Theme Environmental Legislation Chair:	Session 18 Venue: Sub-Theme Achieving Biodiversity Conservation/Protection beyond the regulatory framewor Chair:
	11h30-11h50 (20 mins)	Linkages between EIA Listing Notice and Climate Change Bill: Thriving in the era of Climate Change Risk, Vulnerability, Adaptation, and Resilience Delani Mathvula - DFFE	For Big People We have Big Horses and for Little People We Have Little Horses: Rethinking Listed Activities and Section 24 G Sean O'Beirne - SE Solutions	The Beta Version of the New Vegetation Map Anisha Dyaram - SANBI

11h30-13h30	11h50-12h10 (20 mins)	Enhancing Strategies to Manage Sea Level Rise with Flood Mapping under the ICMA Monique Sham - ETAZA	Streamlining of environmental authorization processes - progress to date Rulani Khubayi - DFFE	Citizens and amphibians: Testing the reliability of different citizen science databases in predicting South African frog species distributions. Lise Ferreira- Eco Elementum (Pty) Ltd.
	12h10-12h30 (20 mins)	The Consideration of Coastal Risk in Land Use Decisions: The Regulatory and Policy Framework for implementation of Coastal Management Lines in terms of the National Environmental Management: Integrated Coastal Management Act No. 24 of 2008 ("NEM: ICMA") Richard Summers - Richard Summers Inc	A Transformative Framework: The Consideration and Prioritisation of Integrated Environmental Management Instruments, Tailored to Facilitate their Increased Use Bradley Nethononda -DFFE	Lag effect causing delays in deliverables across multiple environmental authorisation processes: An emphasis on Terrestrial Biodiversity and Plant Species Themes within the renewable energy sector. Corné Niemandt - Enviro-Insight CC
	12h30 - 12h50 (20 mins) 12h30-12h45 (15 mins)	Footprints to Frameworks: Navigating the Path to Climate Action Chandre Waard - Amathemba Environmental Management Consulting CC	Reflecting on Tiering in Environmental Assessment in South Africa – are we failing? Paul Hardcastle - DEA&DP	The National Biodiversity Offset Guideline. Pamela Kershaw- DFFE
	12h45-13h00(15 mins)	The fight for survival: Agroecology, sustainable, effective and promising answer to food security Kashrina Sookraj - GreenEye Environmental Consultants and Advisors	Appeals & Legal Review Farhana Patel - DFFE	Can we use climate to model current and future land use change to account for biodiversity loss? Mohlamatsane Mokhatla- UP
	13h00-13h15(15 mins)			Lessons from the Mopane worm to produce an ethical Environmental Impact Assessment. Cathy Dzerefos - TUT

13h15-14h15	LUNCH			
14h15-15h45		Session 19 Venue: Sub-Theme Thriving in the Era of Climate Change Chair:	Session 20 Venue: Sub-Theme Achieving Biodiversity Conservation/Protection beyond the regulatory framework Chair:	Session 21 Venue: Sub-Theme Achieving Biodiversity Conservation/Protection beyond the regulatory framework Chair:
	14h15-14h35 (20 mins)	Session 17 Venue: Sub-Theme Chair: Barry Wiesner - IAIAsa Toward a just transformation: Insights and lessons for impact assessment.	National Wetland Map update Adwoa Awuah - SANBI	The latest Plant redlist Nokuhanya Mhlongo - SANBI
	14h35-14h55 (20 mins)		Wetland Mapping automated tasks Phumula Mayekiso - SANBI	The list of threatened Ecosystems Maphale Monyeki - SANBI
	14h55 - 15h15 (20 mins)		Mapping wetlands in the Northern Cape Asive Bomvu - SANBI	The EIA Screening Tool Wisani Lubisi - SANBI
	15h15-15h35 (20 mins)		Supporting the national wetland conditional assessment project Nokubonga Mzimela - SANBI	How to use iNaturalist and Carrymap as datasources Kagiso Mogajane - SANBI
15h45-16h15	TEA BREAK			
16h15-16h45	Process flow on obtaining all approvals for the development of an energy generation facility in South Africa. Millicent Solomons - DFFE			
16h30-18h00	Free Time			
18h30 - 21h00	Gala Dinner			

TIME	DAY 3: 30th August 2024
08h00-12h30	Plenary Session (Room 1) - Chair:
08h00-08h10	Introduction of Keynote
08h10-08h55	Day 3 - Keynote Address: Devinagie (Vanessa) Bendeman Deputy Director-General: Regulatory Compliance and Sector Monitoring (RCSM) - DFFE Pulling the Golden Threads Together - Moving towards Fit for Future Practice
08h55-09h35	Dr Dee Fischer - DFFE USE OF A MINIMUM INFORMATION REQUIREMENT TO ACHIEVE INTER-GOVERNMENTAL COOPERATION AROUND AUTHORISATIONS
09h35-09h45	Showcase Sponsor
09h45-10h45 (60 mins)	Panel Discussion Chair: Dr Patrick Sithole Comprehensive analysis of Environmental Assessment Practitioners Malpractice vis-à-vis EIA Regulations – Procedural Malpractice
10h45-11h15	TEA BREAK
11h15 - 11h45	Conference Summary
11h45-12h25	Awards
12h25-12h30	Closing conference (President of IAIAAsa) - Corné Niemandt
12h30-14h30	LUNCH

EXHIBITORS

