

# 2015 SYMPOSIUM OF CONTEMPORARY CONSERVATION PRACTICE

2 - 6 November 2015 Fern Hill Conference Centre, Howick, KwaZulu-Natal, South Africa

MONDAY, 2 November 2015

<b>10h00-13h00</b>	<b>REGISTRATION</b>		
<b>13h00-14h00</b>	<b>LUNCH</b>		
<b>SESSION 1 - FERN THEATRE</b>			
<b>14h00-15h30</b>	<b>PLENARY</b>		<b>OPENING SESSION</b>
	<b>Chair</b>	Chairman of the Board, Wildlands	Rob Fincham
<b>Time</b>	<b>Speaker</b>	<b>Organisation</b>	<b>Title</b>
<b>14:00-14:30</b>	Dr David Mabunda	Chief Executive Officer, Ezemvelo KZN Wildlife	Welcome and Opening of the Symposium
<b>14:30-14:45</b>	Dr Jean Harris	Head Scientific Services, Ezemvelo KZN Wildlife	Goals of the Symposium of Contemporary Conservation Practice
<b>14:45-15:30</b>	<b>Nancy Baron</b>	<b>COMPASS</b>	<b>KEYNOTE ADDRESS: Power tools for communicating conservation</b>
<b>15h30-16h00</b>	<b>TEA</b>		
<b>SESSION 2 - FERN THEATRE</b>			
<b>16h00-17h20</b>	<b>PLENARY</b>		<b>KEY GLOBAL AND NATIONAL INITIATIVES</b>
	<b>Chair</b>	Head of Conservation, Ezemvelo KZN Wildlife	Bheki Khoza
<b>Time</b>	<b>Speaker</b>	<b>Organisation</b>	<b>Title</b>
<b>16:00-16:20</b>	Craig Mulqueeny & Ian Rushworth	Ezemvelo	Key messages and outcomes from the World Parks Congress and International Conference on Conservation Biology
<b>16:20-16:40</b>	Sue J van Rensburg	SAEON	Global trends in mountain research: are we our own worst enemy or are there no mountains in southern Africa?
<b>16:40-17:00</b>	Tamsyn Livingstone	Ezemvelo	Unlocking the South African Ocean Economy: Phakisa - an update on protection and governance
<b>17:00-17:20</b>	Pamela Kershaw	DEA	Developing a National Biodiversity Offsets Policy for South Africa
<b>MONDAY EVENING FUNCTION - CHAPEL</b>			
<b>17:30-18:30</b>	<b>POSTER SESSION</b>		
Gustav Engelbrecht	NWDREAD	Vredefort Dome World Heritage Site conservation practices: North West province side	
Theresa Sethusa	SANBI	Accounting for biodiversity and ecosystem services loss in response to invasions by alien and invasive species: a pompom weed case study	
Sam Manqele	UKZN	The assessment of the impacts, drivers and extent of anthropogenic threats on serval ( <i>Serval leptailurus</i> ) and oribi ( <i>Ourebia ouribi</i> ), in South Africa through community perceptions	
Theo Mostert	UniZul	Habitat conservation for the rare Warted Forest Orchid <i>Didimoplexis verrucosa</i>	
Sharon Louw	Ezemvelo	In search of <i>Actinanthella wyliei</i> , a rare Ngoye endemic	
Nokuphila Buthelezi	eThekweni	A spatial and temporal assessment of fire regimes on different vegetation types using MODIS burnt area products	
Wendy Collinson	EWT	Wildlife road traffic accidents: a standardized protocol for counting flattened fauna	
Sissie Matela	ERS	Restoration of grassland on degraded communal landscapes: is it really possible?	
Sarah Findlay	Independent	Co-management in South Africa's protected areas: genuine upliftment or empty promises?	
Bruce Goodwin	Shell Reef Projects NPO	Community mussel reef and mangrove restoration project	
<b>18h30-20h30</b>	<b>ICEBREAKER</b>		<b>Cocktail Function - Orange Tree Room and Surrounds</b>

## TUESDAY, 3 November 2015

## SESSION 3 - FERN THEATRE

TUESDAY, 3 November 2015																			
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08h30-10h30 PLENARY																			
	<b>Chair</b>	University of KwaZulu-Natal				Ursula Scharler													
<b>Time</b>	<b>Speaker</b>	<b>Organisation</b>				<b>Title</b>													
08:30-09:10	Bruce Mann	SAAMBR / ORI				KEYNOTE ADDRESS: Estimating the minimum size for inshore no-take marine protected areas in the iSimangaliso Wetland Park based on movement patterns of surf-zone fish species													
09:10-09:30	Jeanetta Selier	SANBI				Wild and free: what are we conserving and how do we measure it?													
09:30-09:50	Nicky Forbes	Marine & Estuarine Research				The restoration of the Lake St Lucia													
09:50-10:10	Judy Mann-Lang	SAAMBR				Conservation challenges – people solutions													
10:10-10:30	Shana Mian	UKZN				Using social media as an effective tool for conveying conservation messages and tracking the social impact of conservation issues													
10h30-11h00 TEA																			
SESSION 4 - Fern Theatre				SESSION 5 - Chapel				SESSION 6 - Karkloof				SESSION 7 - Sunset							
11:00-13:00	Wildlife Management Tools				11:00-13:00	Marine Conservation				11:00-13:00	Alien Species				11:00-13:00	SPECIAL SESSION: Biodiversity Stewardship			
	<b>Chair</b>	Ezemvelo	Craig Mulqueeny			<b>Chair</b>	Ezemvelo	Scotty Kyle			<b>Chair</b>	Ezemvelo	Boyd Escott			<b>Chair</b>	Wildlands	Kevin McCann	
<b>Time</b>	<b>Speaker</b>	<b>Org.</b>	<b>Title</b>		<b>Time</b>	<b>Speaker</b>	<b>Org.</b>	<b>Title</b>		<b>Time</b>	<b>Speaker</b>	<b>Org.</b>	<b>Title</b>		<b>Time</b>	<b>Speaker</b>	<b>Org.</b>	<b>Title</b>	
11:00-11:20	Michael Cunningham	UP	Genomics in biodiversity conservation and management		11:00-11:20	Matt Dicken	KZN Sharks Board	Long term spatial and temporal trends in the catch, biology and diet of tiger sharks (Galeocerdo cuvier) caught in the KwaZulu-Natal Sharks Board bather protection program		11:00-11:20	Allister Starke	UKZN	Native species from nearby seed source areas regenerate within invasive alien tree stands, New Forest, KwaZulu-Natal		11:00-11:20	Isabel Johnson	BotSoc	Measuring forb diversity and rangeland condition in biodiversity stewardship sites: an ongoing process	
11:20-11:40	Vincent van der Merwe	EWT	Responsible genetic management of metapopulations: should inbreeding be tolerated?		11:20-11:40	Vasha Chetty	Ezemvelo	52 years of sea turtle conservation in KwaZulu-Natal		11:20-11:40	Jennifer Fill	SU	A new assessment of the costs required to bring invasive alien plants under control in the protected area network of the Cape Floristic Region		11:20-11:40	Greg Martindale	Consevation Outcomes	Case study of a community-private sector wildlife ranching partnership: Nambiti Private Game Reserve	
11:40-12:00	Susan Miller	UP	How can genetics help you? A case study of lion management in Hluhluwe-iMfolozi Park		11:40-12:00	Refilwe Mofokeng	UKZN	Microplastics in marine organisms in KwaZulu-Natal: a new conservation threat?		11:40-12:00	Thabiso Cele	SANBI	The Durban Invasives Website as a tool to coordinate invasive alien plant control within eThekweni Municipality		11:40-12:00	Bradley Gibbons	EWT	Stewardship for Sungazer conservation	
12:00-12:20	Ashrenee Govender	UKZN	Testing the utility of DNA barcoding in South African Hemiptera: using eThekweni species as a case study		12:00-12:20	Lisa Guastella	Coastwatch KZN	Effect of modification to river sediment flow on KwaZulu-Natal beaches		12:00-12:20	Caryn Smith	UKZN / SANBI	The effects of climate change on the invasive alien plant Hypericum pseudohenryi in South Africa		12:00-12:20	Wesley Bell	WWF SA	Preliminary finds on biodiversity stewardship incentives at a national, provincial, local and site level	
12:20-12:40	Gareth Mann	Panthera	Establishing a monitoring framework to facilitate the adaptive management of leopards in KwaZulu-Natal		12:20-12:40	Gavin Hough	EnviroVision Solutions	Coastal surveillance systems and contemporary conservation practice		12:20-12:40	Musa Mthembu	UKZN	Effects of grass competition (Panicum maximum and Eragrostis curvula), and nutrient availability on Parthenium hysterophorus establishment		12:20-12:40	Cebile Nzuzi	Ezemvelo	The contribution to conservation targets of vegetation types through the KwaZulu-Natal Biodiversity Stewardship Programme, championed by Ezemvelo KZN Wildlife	
12:40-13:00	Catharine Hanekom	Ezemvelo	Managing a wild elephant population using immunocontraception as a tool		12:40-13:00	Ezidio Cuamba	Lurio University	Structure, biomass distribution and social impacts of seagrass Thalassia hemprichii at Mecufi Bay, northern Mozambique		12:40-13:00	Wisdom Dlamini	SNTC	Uncovering alien plant invasion patterns and processes using Bayesian network-based spatial data mining		12:40-13:00	Charity Cele	WWF SA	Investigating transboundary conservation as a mechanism to ensure sustained water provisioning through biodiversity stewardship, case study of Pongola River	
13h00-14h00 LUNCH																			

**TUESDAY, 3 November 2015**

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SESSION 8 - Fern Theatre				SESSION 9 - Chapel				SESSION 10 - Karkloof				SESSION 11 - Sunset			
Wildlife Industry and Biodiversity Conservation				Marine Resource Use				SPECIAL SESSION & WORKSHOP: Protected Area Management Effectiveness Assessments - Linking				Media and Communication			
Time	Speaker	Org.	Title	Time	Speaker	Org.	Title	Time	Speakers	Org.	Title	Time	Speaker	Org.	Title
14:00-15:30	Chair	Ezemvelo	Brent Coverdale	14:00-15:30	Chair	Ezemvelo	George Nair	14:00-15:30	Facilitators	CapeNature & Ezemvelo	Coral Birss & Ian Rushworth	14:00-15:30	Chair	Ezemvelo	Mary Pieters
14:00-14:20	Jeanetta Selier	SANBI	Status, purpose and significance of the captive cheetah (Acinonyx jubatus) industry in South Africa: conservation or exploitation?	14:00-14:20	Scotty Kyle	Ezemvelo	Thirty odd, sometime very odd, years of fish tagging and recovery at Kosi Bay	14:00-14:20	Caiphus Khumalo	DEA	Using management effectiveness assessment results to inform future management of Protected Areas in South Africa	14:00-14:20	Ndu Cele	Wildlands	Combining grass roots conservation activities with Google Earth Outreach to transform self-identities and empower township youth
14:20-14:40	Shannon Hoffman	Bird of Prey Sanctuary	The Bearded Vulture recovery program - threatened species conservation	14:20-14:40	Minenhle Ndlovu	UKZN	Assessing access, utilisation and management of marine resources at uMthwalume, KwaZulu-Natal	14:20-14:40	Natalie Hayward	CapeNature	Management effectiveness evaluation in CapeNature: a framework for Protected Area Management	14:20-14:40	Shana Mian	UKZN	Can nature-based experiences affect an individual's connection to nature without teaching conservation and what is the "stickiness" of such experiences?
14:40-15:00	Tariro Kamuti	UFS	The dynamics of stakeholder interaction in the governance of the private wildlife ranching sector in KwaZulu-Natal province, South Africa	14:40-15:00	Tembisa Jordaan	Ezemvelo	Resource use trends for the mussel fishery in KwaZulu-Natal – are we getting it right?	14:40-15:00	Caiphus Khumalo	DEA	How reliable is the score obtained through Protected Areas manager's self-assessments using METT? A case study in South Africa's Protected Areas	14:40-15:00	Di Martin	Ezemvelo	Ezemvelo KZN Wildlife Kids Club: growing up with an environmental ethic
15:00-15:20	Lizanne Nel	SAHGCA	Implications of new landuse practises in the wildlife industry on biodiversity planning and conservation targets	15:00-15:20	Joe Phadima	Ezemvelo	An analysis of co-management implementation: the case of line and mussel fishing in KwaZulu-Natal, South Africa	15:00-15:20	WORKSHOP: How well are the findings of PAME assessments translating into strategic decision making and/or action on the ground within conservation agencies?			15:00-15:20	Judy Mann-Lang	SAAMBR	Do campaigns really help conservation? The Penguin Promises case study
15:20-15:30	DISCUSSION			15:20-15:30	DISCUSSION			15:20-15:30				15:20-15:30	DISCUSSION		
15h30 - 16h00								TEA							

**TUESDAY, 3 November 2015**

TUESDAY, 3 November 2015															
SESSION 12 - Fern Theatre				SESSION 13 - Chapel				SESSION 14 - Karkloof				SESSION 15 - Sunset			
SPECIAL SESSION: Critical Ecosystem Partnership Fund Maputaland-Pondoland-Albany Hotspot				SPECIAL SESSION: Building Marine Science and Conservation Management Capacity				SPECIAL SESSION & WORKSHOP: Protected Area Management Effectiveness Assessments - Linking Assessment Outcomes to Management Actions				WORKSHOP: Conservation Funding - Applying for Funding			
Chair		Wildlands	Roelie Kloppers	Chair		Ezemvelo	Jean Harris	Facilitators		CapeNature & Ezemvelo	Coral Birss & Ian Rushworth	Chair		WWF SA	Augustine Morkel
Time	Speaker	Org.	Title	Title	Speaker	Org.	Title	Time	Speaker	Org.	Title	Time	Speaker	Org.	Title
16:00-17:30				16:00-17:30	Mark Gerrard	Wildlands	The Blue Fund Ocean Stewards Initiative	16:00-17:30				16:00-17:30			
16:20-16:40	Feedback and discussion on the outcomes and deliverables for the past 5 years of Critical Ecosystem Partnership Fund (CEPF) investment into the Maputaland-Pondoland-Albany Hotspot			16:20-16:40	Project presentations from Honours level Ocean Stewards:		16:20-16:40	WORKSHOP: How well are the findings of PAME assessments translating into strategic decision making and/or action on the ground within conservation agencies? A number of informal assessments indicate that there may be significant room for improvement. The purpose of this workshop is to get a better idea of how well the PAME assessment findings are being translated into management decisions, resource allocation and actions within conservation agencies, and to provide generic recommendations for improving the uptake of the findings into the adaptive management cycle.	16:20-16:40	This workshop is the first of an annual campaign to build the capacity of applicants to Trusts to write better proposals providing the Trust with great project gems to pick from to ensure that funding is directed to well thought through and planned projects to be invested in. In so doing, the project portfolios of the Trusts then become robust as a portfolio of projects that are having impact at scale...rather than just impact.					
16:40-17:00				16:40-17:00	<ul style="list-style-type: none"> <li>The effect of SCUBA divers on coral reefs in Sodwana Bay, South Africa, Summer-Louise Newton</li> <li>Movement and dispersal patterns of dusky kob, Argyrosomus japonicas in Algoa bay, assessed using conventional tagging techniques, Nokuthula Daweti</li> <li>The effect of thermal stress on the metabolic responses of adult South African abalone (Haliotis midae): a perspective on South African aquaculture systems, Asanda Mthethwa</li> </ul>		16:40-17:00		16:40-17:00						
17:00-17:20				17:00-17:20	<ul style="list-style-type: none"> <li>Dynamics of meiofauna during an extreme inverse salinity phase in Lake St Lucia, iSimangaliso Wetland Park, Thembeke Radebe</li> </ul>		17:00-17:20		17:00-17:20		17:00-17:20	The group can only work with a maximum of 40 persons (4 groups of 10), and will be done on a first come basis. Each participant should attend with a project in mind they would like to have funded.			
17:20-17:30				17:20-17:30	DISCUSSION & FEEDBACK		17:20-17:30		17:20-17:30		17:20-17:30				
TUESDAY EVENING FUNCTION															
18h00-21h00	FILM EVENING			Fern Theatre				Blood Lions Documentary: Bred for the Bullet							
				Fern Theatre				Panel Discussion							
				Orange Tree Room				Finger Supper and Cash Bar							

**WEDNESDAY, 4 November 2015****SESSION 16 - FERN THEATRE**

08h00-10h30		PLENARY		SPECIAL SESSION: CAPTIVE BREEDING & HUNTING - WHEN IS BREEDING AND HUNTING OF VALUE TO CONSERVATION OF BIODIVERSITY	
	<b>Chair</b>	TBA		TBA	
<b>Time</b>	<b>Speaker</b>	<b>Organisation</b>		<b>Title</b>	
08:00-08:20	Jeanetta Selier	South African National Biodiversity Institute		Conservation breeding - what does it mean?	
08:20-08:40	Paul Lubout	South African Predator Association		The large predator breeding industry	
08:40-09:00	TBA	TBA		TBA	
09:00-09:20	TBA	TBA		TBA	
09:20-09:40	Lizanne Nel	SA Hunters and Game Association		The wildlife industry at a crossroads – our decisions will shape the future	
10:00-10:30	PANEL DISCUSSION				
10:30-11:00	TEA				
<b>SESSION 17 - CHAPEL</b>					
11:00-13:00		PLENARY		INTERACTIVE COMMUNICATION WORKSHOP: ONE MINUTE TO IMPRESS - HOW TO EXPLAIN YOUR CONSERVATION WORK TO ANYONE	
11:00-13:00	<b>Chair</b>	Nancy Baron	COMPASS	Have you ever had someone ask you about your work only to watch his or her eyes glaze over? Do you want to communicate your science or conservation work in a way that will make people lean in and listen? Honing your message and illustrating a few key interesting points about your work will help you to resonate with everyone, and leave them wanting more. Following on her plenary talk, Nancy Baron, lead communications trainer with COMPASS and author of Escape from the Ivory Tower: A Guide to Making Your Science Matter, will lead a two hour interactive workshop where you will master the art of the "elevator speech." Nancy will teach you how to use a powerful tool called the Message Box to distill what really matters, and will share useful techniques to help you better engage and connect to your audience--even if you only have one minute.	
	<b>Facilitator</b>	Judy Mann-Lang	SAAMBR		
13h00-14h00		LUNCH			
<b>FIELDTRIPS &amp; NETWORKING OPPORTUNITIES</b>					
14h00-17h30		FIELDTRIPS		NETWORKING SESSIONS	
<b>WEDNESDAY EVENING FUNCTION - FERN THEATRE</b>					
18h30-22h00	SYMPOSIUM DINNER		Master of Ceremonies		Dr Andrew Venter, Wildlands Conservation Trust
			Guest Speaker		Ken Weiss - THE POWER OF ONE
			Music		The Three Amigos
			Presentation of Premiers' KZN Student Award		



**THURSDAY, 5 November 2015**

**SESSION 18 - FERN THEATRE**

08h30-10h30				PLENARY			
	<b>Chair</b>	Ezemvelo		<b>Sifiso Keswa</b>			
<b>Time</b>	<b>Speaker</b>	<b>Organisation</b>		<b>Title</b>			
08:30-09:10	<b>John Donaldson</b>	<b>SANBI</b>		<b>KEYNOTE ADDRESS: Providing scientific oversight for threatened species and wildlife trade - the role of the Scientific Authority</b>			
09:10-09:30	Harriet Davies-Mostert	EWT		Illegal and unwise wildlife trade - hot topic update			
09:30-09:50	David Marneweck	EWT		Metapopulation management as a tool for threatened species recovery: a case study of African wild dogs and cheetahs in South Africa			
09:50-10:30	<b>Wendy Foden</b>	<b>IUCN Climate Change Specialist Group / Stellenbosch University</b>		<b>KEYNOTE ADDRESS: Climate change changes everything? Building resilience in a time of change</b>			

**10h30-11h00** **TEA**

**SESSION 19 - Fern Theatre**      **SESSION 20 - Chapel**      **SESSION 21 - Karkloof**      **SESSION 22 - Sunset**

11:00-13:00				11:00-13:00				11:00-13:00				11:00-13:00			
<b>Law and Conservation</b>				<b>Threatened Species</b>				<b>Biodiversity Spatial Patterns and Temporal Trends</b>				<b>SPECIAL SESSION: Community Conservation as a tool for improving livelihood support and local governance and achieving conservation objectives</b>			
	<b>Chair</b>	Ezemvelo	Andy Blackmore		<b>Chair</b>	SANBI	Michelle Pfab		<b>Chair</b>	Ezemvelo	Adrian Armstrong		<b>Chair</b>	Wildlands	Mark Gerrard
<b>Time</b>	<b>Speaker</b>	<b>Org.</b>	<b>Title</b>	<b>Time</b>	<b>Speaker</b>	<b>Org.</b>	<b>Title</b>	<b>Time</b>	<b>Speaker</b>	<b>Org.</b>	<b>Title</b>	<b>Time</b>	<b>Speaker</b>	<b>Org.</b>	<b>Title</b>
11:00-11:20	Bronwyn Parker	EOH Legal Services	Environmental debt in insolvency and corporate transactions, with a focus on industrial sites in South Africa	11:00-11:20	Debbie Jewitt	Ezemvelo	Climate-induced change of environmentally defined floristic domains	11:00-11:20	Vusani Mauda	UniVen	Ant diversity in an arid peri-urban landscape of the Vhembe Biosphere, South Africa	11:00-11:20	Dave Gilroy	Wildlands	Strategic partnerships and innovative methods to fund community game reserves (TBC)
11:20-11:40	Melissa Groenink	EnAct International / Cullinan & Associates Inc	Exploring the role of municipalities in biodiversity protection and management	11:20-11:40	Theresa Sethusa	SANBI	SANBI's Threatened Species Programme assessing the risk of extinction of indigenous animals: our milestones, challenges and future plans	11:20-11:40	Caswell Munyai	UniVen	An inventory of epigeal ants of the western Soutpansberg Mountain range, South Africa	11:20-11:40	Julia Bayer	Humboldt University	CBNRM principles on a real-life case: evaluating the impact of interventions implemented on the community-owned Somkhanda Game Reserve, KwaZulu-Natal, South Africa
11:40-12:00	Andrew Muir	UKZN	Of property rights, the environment and the public trust: who owns what, when?	11:40-12:00	Charmaine Drury	UKZN	Floristics of KwaZulu-Natal Sandstone Sourveld within the eThekweni Municipal Area	11:40-12:00	Desale Okubami chael	UCT	KwaZulu-Natal cycads: analyses of historical change using repeat photography and current population structure	11:40-12:00	Joyce Loza	MDTP	Towards the establishment of a 26000 hectare Community Conservation Area, an important bufferzone for the Maloti-Drakensberg Park World Heritage Site on the Free State Side: lessons learned
12:00-12:20	Michael Kidd & Ina Cronje	UKZN & PKX Attorneys	Some thoughts on concurrent legislative competence in relation to nature conservation	12:00-12:20	Catherine Hanekom	Ezemvelo	Spatial distribution and movement of Ceratotherium simum (white rhinoceros) in relation to vegetation type, rainfall and poaching activity	12:00-12:20	Lucy Kemp	Mabula Ground-Hornbill Project	Monitoring Southern Ground-Hornbill populations at a provincial scale	12:00-12:20	Sarah Findlay	Independent	Co-management in South Africa's protected areas: genuine upliftment or empty promises?
12:20-12:40	Janice Tooley	Shepstone & Wylie Attorneys	Regulation of alien and invasive Species: NEMBA and the Kloof Conservancy case	12:20-12:40	Taryn Gilroy	Wildlife ACT	A comparison of African Wild Dog (Lycaon pictus) pack performance across KwaZulu-Natal protected areas	12:20-12:40	Anisha Dayaram	SANBI	National Biodiversity Assessment 2018 Terrestrial Component: Vegetation Map of South Africa, Lesotho and Swaziland, the past (2006-2012) and the future (2015)	12:20-12:40	Bill Bainbridge	Umgano Advisory	Lessons learned in the implementation of the biodiversity conservation initiative of the Umgano project.
12:40-13:00	Monica Mwale	NZG SA	A South African wildlife DNA barcoding reference database for forensic investigations	12:40-13:00	David Marneweck	EWT	The effect of wild dogs and rainfall on herbivores in Hluhluwe-iMfolozi Park, South Africa	12:40-13:00	DISCUSSION				12:40-13:00	DISCUSSION	

**13h00-14h00** **LUNCH**

THURSDAY, 5 November 2015

THURSDAY, 5 November 2015															
SESSION 23 - Fern Theatre				SESSION 24 - Chapel				SESSION 25 - Karkloof				SESSION 26 - Sunset			
Land Use Change and Ecosystem Impacts				Threatened Species				People and Conservation				SPECIAL SESSION: Road Ecology in South Africa: State of the Science and Future Directions to Achieve a Sustainable Transportation System			
Time	Chair	Org.	Title	Time	Chair	Org.	Title	Time	Chair	Org.	Title	Time	Chair	Org.	Title
14:00-15:30	Ezemvelo Board		Dudu Ngidi	14:00-15:30	Ezemvelo		Brigitte Church	14:00-15:30	Ezemvelo		Dennis Mkhabela	14:00-15:30	EWT		Harriet Davies-Mostert
14:00-14:20	Yvette Ehlers Smith	UKZN	Assessing the impacts of changing land use on forest mammals in the fragmented coastal forests of southern KwaZulu-Natal, South Africa	14:00-14:20	Hlengiwe Mtshali	BotSoc / SANBI - CREW	How Red List assessments affect conservation status of species	14:00-14:20	Kirsten Oliver	Wildlands	Optimising social, economic and ecological gains through an integrated approach	14:00-14:20	Wendy Collinson	EWT	Road ecology in South Africa: state of the science and future directions to achieve a sustainable transportation system
14:20-14:40	David Ehlers Smith	UKZN	The effects of land-use change on the composition and conservation of avifaunal communities in the Indian Ocean Coastal Forests of Southern KwaZulu-Natal: preliminary results from non-breeding season	14:20-14:40	Michele Pfab	SANBI	Developing a multi-species Biodiversity Management Plan: a five year plan to ensure the long-term survival of South Africa's Critically Endangered and Endangered cycads	14:20-14:40	Nandi Thobela	Ezemvelo	Partnerships and beneficiation: realising the opportunities and defining the possibilities through informed approaches	14:20-14:40	Rodney van der Ree	ARCUE	International lessons for road ecology in Africa and beyond
14:40-15:00	Nkhume Nembudani	UniVen	Response of rodents to land-use gradients in northern Limpopo: implications for ecologically based rodent management	14:40-15:00	Sharon Louw	Ezemvelo	Encephalartos ngoyanus monitoring trends – Ongoye Forest Nature Reserve	14:40-15:00	Tlou Masehela	SANBI	Are humans the next honey bee "disease"? Exploring trends and implications of hive theft and vandalism in the South Africa beekeeping industry	14:40-15:00	Wendy Collinson	EWT	South Africa: the road ahead
15:00-15:20	Sam Lloyd	Imperial College London	Evaluating the representation of biodiversity in the EIA process	15:00-15:20	Zwelakhe Zondi	SANBI	Key characteristics to distinguish wild cycads from artificially propagated cycads	15:00-15:20	Vathiswa Zikishe	SANBI - CREW	Biodiversity and cultural heritage approaches: lessons learnt from two villages within the Buffalo City Municipality	15:00-15:20	DISCUSSION		
15:20-15:30	DISCUSSION			15:20-15:30	DISCUSSION			15:20-15:30	DISCUSSION			15:20-15:30	DISCUSSION		
15h30-16h00								TEA							

THURSDAY, 5 November 2015											
SESSION 27 - Fern Theatre				SESSION 28 - Chapel				SESSION 29 - Karkloof			
Conservation Economics				Threatened Species				People and Conservation			
Time	Chair	Org.	Title	Time	Chair	Org.	Title	Time	Speaker	Org.	Title
16:00-17:30	Joe Phadima	Ezemvelo		16:00-17:30	Skhumbuzo Kubheka	Ezemvelo		16:00-17:30	Petros Ngwenya	Ezemvelo	
16:00-16:20	Pravin Pillay	Ezemvelo	The business case for creating and managing protected areas through biodiversity stewardship	16:00-16:20	Connor Stobie	UP	Investigating the phylogeographic structure of the KwaZulu-Natal yellowfish with implications for conservation management	16:00-16:20	Suvarna Parbhoo	SANBI - CREW	Citizen scientists making significant contributions to the conservation of threatened plants
16:20-16:40	Steven Segang	EWT	Community involvement in valuing and protecting ecosystems and associated biodiversity: the Chrissiesmeer Protected Environment as a case study	16:20-16:40	Antoinette Kotze	NZG SA / UFS	Pangolins in peril: a molecular approach to safeguard populations	16:20-16:40	Simone Pillay	UKZN	The impact of climate change on small-scale farmers. A comparative study of three rural communities in KwaZulu-Natal
16:40-17:00	Steve McKean	Ezemvelo	An estimate of grassland value in KwaZulu-Natal	16:40-17:00	Sonja Krueger	Ezemvelo	An investigation into the decline of the Bearded Vulture <i>Gypaetus barbatus</i> in southern Africa	16:40-17:00	Sissie Matela	ERS	Restoring livelihoods to restore landscapes
17:00-17:20	Nqobizitha Ndlovu	Resource Africa SA	Conservation as an economic driver	17:00-17:20	Tasneem Variawa	SANBI	Advances in monitoring the muthi trade: searching for the medicinally traded Threatened or Protected Species	17:00-17:20	Wendy Collinson	EWT	Addressing biodiversity conservation on roads in South Africa
17:20-17:30	DISCUSSION			17:20-17:30	DISCUSSION			17:20-17:30	DISCUSSION		
THURSDAY EVENING FUNCTION											
18h00-21h00	STORY TELLING EVENING: Interactive communication workshop			Nancy Baron / Kenneth Weiss				TRUE STORIES TOLD LIVE			
				Refreshments				Braai and Cash Bar			



## FRIDAY, 6 November 2015

## SESSION 30 - Fern Theatre

08h30-10h00				PLENARY	RHINO CONSERVATION UPDATE SESSION
Time	Speaker	Organisation	Title		
	Chair	Ezemvelo	Jabulani Ngubane		
08:30-09:00	Richard Emslie & Keryn Adcock	IUCN SSC - African Rhino Specialist Group / SADC Rhino Management Group	KEYNOTE ADDRESS: An update on rhino conservation		
09:00-09:20	Cedric Coetzee	Ezemvelo	Rhino poaching in KwaZulu-Natal		
09:20-09:40	Wendy Annecke	SANParks - Cape Research Centre	Rhino hide: the impact of the Rhino Ambassador programme on rhino poaching		
09:40-10:00	Lizanne Nel	SAHGCA	A multidisciplinary partnership approach to reducing rhino poaching incidents while improving people's well-being		
10:00-10:30	PANEL DISCUSSION				
10:30-11:00	TEA				
SESSION 31 - FERN THEATRE					
11h00-13h00				PLENARY	INTERACTIVE COMMUNICATION AND MEDIA WORKSHOP: SYMPOSIUM OUTCOMES AND THE ROAD AHEAD
Time	Speaker	Org.	Title		
11:00-12:30	Judy Mann-Lang & Nancy Baron	SAAMBR & Compass	<b>Interactive communication workshop: FINDING THE HOPE</b> In this facilitated workshop session the key conservation messages and important actions that have emerged will be highlighted. Individuals will have the opportunity to set goals for impact and explore how to achieve success. Delegates will build on the communication tools introduced during the Symposium, and together distill key messages and identify personal action goals for the road ahead. The "power of the network" will also be explored.		
12h30-13h00				PLENARY	CLOSING SESSION AND AWARDS CEREMONY
	Chair	Ezemvelo Board	Peter Rutsch		
Time	Speaker	Org.	Title		
12:30-12:50	Dudu Ngidi	Ezemvelo Board	Awards for Best Oral and Poster Presentations presented at the Symposium		
12:50-13:00	Harriet Davies-Mostert	EWT	Closing remarks and thanks		
13h00-14h00	LUNCH				