

SAWMA Symposium



The Human-Natural Resource Interface: Reconciling Conflicting Trade-offs?

Hartenbos Holiday Resort, Western Cape Province: 18 - 21 September 2011

Programme

Time	Sunday 18 September 2011
18h00-22h00	Main registration and cocktail function
Time	Monday 19 September 2011
06h30-08h00	BREAKFAST
07h30-08h30	Registration continues
08h00-08h10	Welcome and Introduction: Brian Reilly (SAWMA President) - Tshwane University of Technology
08h10-09h10	Opening Address: The changing face of protected areas. Melodie McGeogh - South African National Parks
Theme 1:	Sustainable resource use (commercial and traditional) and economics
09h10 - 09h30	Making non-detriment findings. Ensuring sustainable utilization of species in international trade. <u>Michèle Pfab</u>
09h30 - 09h50	An application of the integral projection model for exploited ungulate populations. <u>Lochran Traill</u> and Tim Coulson
09h50 - 10h10	The role that Pro hunting plays in South Africa's economy and conservation efforts. <u>Adri Kitshoff</u>
10h10 - 10h30	Travel motives of biltong hunters. <u>Peet van der Merwe</u>
10h30 - 11h00	TEA BREAK
11h00 - 11h20	Man and wildlife: game conservation or game farming? <u>Louw Hoffman</u>
11h20 - 11h40	What is the value to the stocking of extralimital species to ecotourism? <u>Kristine Maciejewski</u> and Graham Kerley
11h40 - 12h00	An economic evaluation of typical wildlife production systems in the Western Cape Province of South Africa. <u>Susanna van Hoving</u> and Jan Lombard
12h00 - 12h20	The value of multiple bottom line accountability in privately managed conservation areas. <u>Andrew Parker</u>
12h20 - 12h40	Developing system dynamic tools for African policy makers based on the interrelationship between natural and agriculture resources. <u>Kevin Duffy</u>
12h40 - 13h00	Horns of Gold: Identifying factors enabling rhino poaching and developing new tools to combat them. <u>Gayle Pedersen</u>
13h00 - 14h00	LUNCH
Theme 2:	Ecological challenges and conservation strategies
14h00 - 14h20	Carnivores, humans and parks - an assortment of challenges? <u>Sam Ferreira</u>
14h20 - 14h40	Factors influencing potential dispersal routes of African wild dogs, <i>Lycaon pictus</i> , in northern KwaZulu-Natal. <u>Brendan Whittington-Jones</u> , Dan Parker and Harriet Davies-Mostert
14h40 - 15h00	Fair Game: Activism in Conservation. <u>Booi Smuts</u>
15h00 - 15h20	Impact of head fires vs back burns: some observations. <u>Hanno Killian</u>
15h20 - 15h40	Can a mine mitigate its' impact and contribute to conservation? <u>Grahame Munro</u>
15h40 - 16h00	Re-colonisation of the Robberg Peninsula by Cape fur seals and their prey preference. <u>Johan Huisamen</u> , Steve Kirkman, Laurence Watson, Pierre Pistorius and Vic Cockcroft
16h00 - 16h20	Namibia's future: climate change, critters and conservation. <u>Julian Fennessy</u>
16h20 - 16h40	TEA BREAK
16h40 - 18h00	SAWMA ANNUAL GENERAL MEETING
19h00	BRAAI
Time	Tuesday 20 September 2011
06h30 - 08h00	BREAKFAST
07h30 - 08h00	Registration for day participants
08h00 - 08h40	Keynote: Pioneering sustainable solutions to human-baboon conflict. Justin O'Riain - University of Cape Town

Theme 3: Human-Wildlife conflict – both sides of the coin

- 08h40 - 09h00 The Ecological and Economic Benefits Resulting from Sustainable Management Practices for Damage Causing Animals. Kas Hamman and Jaco van Deventer
- 09h00 - 09h20 FAO/BIO-HUB Human-Wildlife Conflict Mitigation Toolkit - helping people to prevent and mitigate conflict with wild animals. René Czudek
- 09h20 - 19h40 Promoting SMS to manage human-wildlife conflicts, a first tentative to improve the control and understanding of such a problem in Southern Africa. Sébastien Le Bel and René Czudek
- 09h40 - 10h00 Human-wildlife conflict takes flight; ecological scrutiny of aircraft-wildlife collisions in Namibia. Morgan Hauptfleisch and Nico Avenant
- 10h00 - 10h20 Living with predators: A focus on the issues of human crocodile conflict within the lower Zambezi valley. Kevin Wallace, Alison Leslie and Tim Coulson

10h20 - 10h40 TEA BREAK

- 10h40 - 11h00 The status of free-roaming wildlife on tribal land in the North West Province. Daan Buijs
- 11h00 - 11h20 Ethics and exploitation of the Cape Parrot *Poicephalus robustus*. Mike Perrin

Theme 4: Stewardship, policy, planning and socio-economic issues

- 11h20 - 11h40 Publishing primary biodiversity data: information overload or conservation necessity? Harriet Davies-Mostert and Brenda Daly
- 11h40 - 12h00 A preliminary examination of decision support approaches for South Africa's natural resource management programmes. Matthew McConnachie, Christo Marais, Paolo Caroli, Alex Baroni, Andrew Wannenburg and Richard Cowling
- 12h00 - 12h20 Management of complex ecosystems: a transboundary perspective. Paolo Caroli and Alex Baroni
- 12h20 - 12h40 Vervet monkeys as an integrated genetics and genomics model system: an example of approved and mutually beneficial resource use. Paul Grobler, Trudy Turner and Nelson Freimer

12h40 - 13h40 LUNCH

Theme 5: General ecology and assessing human impacts on biodiversity

- 13h40 - 14h00 Is rehabilitation of mining sites possible? - achievement at the Oaks Mine. Warwick Mostert, Paul Harris and Faan Van Wyk
- 14h00 - 14h20 A population viability analysis for the threatened endemic plant *Aloe peglerae*: Determining thresholds of potential concern. Justin O' Phama, Mike Panagos and Willem Myburgh.
- 14h20 - 14h40 Some drivers of movement of elephants in the GM-TFCA. Jeanetta Selier
- 14h40 - 15h00 The impact of reintroduced elephants on the trees of Sanbona Wildlife Reserve, Little Karoo, South Africa. Ryno Erasmus
- 15h00 - 15h20 Genetic relatedness reflects competitive and conflict behaviour in female African elephants. Linus Munishi, Graham Kerley, Charles Foley

15h20 - 15h40 TEA BREAK

- 15h40 - 16h00 Brown hyaenas on roads: Estimating carnivore occupancy and abundance using spatially auto-correlated sign survey replicates. Michelle Thorn
- 16h00 - 16h20 Wildlife road traffic accidents: a new technique for counting flattened fauna. Wendy Collinson
- 16h20 - 16h40 Determination of feedstuffs nutritional composition and diet nutritional quality in the National Zoological Gardens of South Africa: case of black rhinoceros. Mwimbi Ulrich, Francois Siebrits and Khanyisile Mbatha
- 16H40 - 17H00 The bontebok and blesbok hybrid dilemma. Anna van Wyk, Desiré Dalton and Antoinette Kotzé

17h00 - 18h00 Poster Session (Cash Bar open)

- 1 Faecal nitrogen of browsing game species as indicator of nutritional status. Beanélrí Janecke and Nico Smit
- 2 Status of game species on private and provincial game reserves in the Free State, including exotic and TOPS species. Beanélrí Janecke, Nico Smit and Dave Hayter
- 3 The diet selection, habitat preferences and spatial ecology of relocated giraffe (*Giraffa camelopardalis*) in the Kgalagadi Transfrontier Park. Francois Deacon and Nico Smit
- 4 Metapopulation-based management plans for lions on small conservation areas in South Africa. Susan Miller and Paul Funston
- 5 Site Management Plans: Are they useful management tools or an administrative nightmare? Pete Mills
- 6 The Knysna elephants as candidates for the refugee species concept. Lizette Moolman and Graham Kerley
- 7 Crowned Eagle Conservation Status in the Southern Cape Forests: what monitoring is showing us. Hylton Herd and Lizette Moolman
- 8 Wildlife road traffic accidents: a new technique for counting flattened fauna. Wendy Collison

- 9 Using cybertracker software in vegetation monitoring. Hanno Killian
- 10 Conserving the Riverine Rabbit (*Bunolagus monticularis*) and its habitat in the Upper Karoo, South Africa. Ryno Erasmus
- 11 Cross boundary movements and threats facing cheetahs and on western boundary of the Kruger National Park. Grant Beverley, Kelly Marnewick, Jessica Watermeyer and Harriet Davies-Mostert
- 12 A habitat suitability approach to map the occurrence of the leopard *Panthera pardus* in South Africa. Gerhardus van Tonder, Lourens Swanepoel, Frederik Dalerum and Michael Somers
- 13 Evolving African predator-prey models: from species-level diet analyses and carrying capacity models to incorporating prey demographics and predator social structure. Hayley Clements, Graham Kerley and Craig Tambling
- 14 The impact of climate change on predator prey preference. Keith Raine, Matt Hayward and Michael Somers
- 15 Dimensions, determinants and impacts of human-carnivore conflict in the Waterberg area of Limpopo Province. Michelle Thorn, Kelly Marnewick and Michael Somers
- 16 African wild dogs: Are there any left in Cameroon? Maliki Wardjomto

19h00 GALA DINNER

Dinner speech: Dave Pepler - University of Stellenbosch

Time Wednesday 21 September 2011

07h00 - 08h30 BREAKFAST

07h30 - 08h00 Registration for day participants

08h00 - 08h40 Keynote: Interactions between small predators and livestock. Petrus de Wet - Predation Management Forum

Theme 6: Carnivore management and predator-livestock interactions

08h40 - 09h00 The effectiveness of livestock guarding dogs for livestock production and conservation in Namibia. Gail Potgieter, Laurie Marker, Nico Avenant and Graham Kerley

09h00 - 09h20 Does the reintroduction of apex predators influence Jackal diet? Rogan Fourie, Craig Tambling, Angela Gaylard and Graham Kerley

09h20 - 09h40 Predations by black-backed jackals *Canis mesomelas* and caracals *Felis caracal* on small – medium size ungulates: which way to go? Rob Harrison- White

09h40 - 10h00 Habitat-specific livestock predation by leopards *Panthera pardus* in the Baviaanskloof, South Africa: Implications for biodiversity conservation. Liaan Minnie, Graham Kerley and André Boshoff

10h00 - 10h20 Unusually high occurrence of predation on Chacma baboons (*Papio ursinus*) by female leopards (*Panthera pardus*) in the Waterberg Mountains, Limpopo, South Africa. Esmarie Jooste, Lourens Swanepoel, Ross Pitman and Wouter van Hoven

10h20 - 10h40 TEA BREAK

10h40 - 11h00 Detecting and evaluating persistence of sub-dominant members of large carnivore guilds in savannah ecosystems. Harriet Davies-Mostert, Kelly Marnewick, N. Maputla and Sam Ferreira

11h00 - 11h20 Metapopulation-based management plans for lions on small conservation areas in South Africa. Susan Miller and Paul Funston

11h20 - 11h40 Managing cheetahs in small reserves in South Africa: challenges and opportunities. V. Van der Merwe and Kelly Marnewick

11h40 - 12h00 Recent findings on cheetah conservation research. Pauline Charruau, Pamela Burger, Desiré Dalton and Antoinette Kotzé

12h00 - 12h20 Fear of the dark: Does reintroducing apex predators affect the timing of movement of co-occurring species. Craig Tambling, Jordana Meyer, Rachel Santymire, Elizabeth Freeman & Graham Kerley

12h20 - 13h30 LUNCH, CLOSURE & PRIZE GIVING: Louw Hoffman (SAWMA Vice-President) - University of Stellenbosch.

14H00 DEPARTURE