# Scientific Programme Schedule

**Responsible wildlife management: A key to biodiversity conservation**

## Sunday 6 September 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>16:00</td>
<td>Registration at the Main Conference hall, Horseshoe Inn</td>
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<tr>
<td>18:00</td>
<td>Meet and Greet: Horseshoe Inn: “The Stables”</td>
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<td></td>
<td>Welcome: Christine Kraft</td>
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## Monday 7 September 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>07:30</td>
<td>Registration continues</td>
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<tr>
<td><strong>Chair: Paul Grobler</strong></td>
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<tr>
<td>08:00</td>
<td>Presidential welcome: Harriet T. Davies-Mostert</td>
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<tr>
<td>08:10</td>
<td>Mayoral Welcome: Ms Moloi</td>
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<tr>
<td>08:15</td>
<td>Opening address: Ms Tiny Chotelo</td>
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<tr>
<td>08:30</td>
<td><strong>Keynote Presentation:</strong> Keeping renewable energy green: sustainable standards for the impacts of proposed wind and solar energy development on South African birds. Andrew Jenkins</td>
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### Understanding and managing threats to wildlife and biodiversity

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Measuring the conservation impact of wildlife ranching practices. Harriet T. Davies-Mostert &amp; Andrew Taylor</td>
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<td>09:15</td>
<td>Impacts of wildlife grazing on ecosystem services and biodiversity in Namibia’s Kalahari thornveld using bioturbating small mammals as indicators. Mendes Vinte, Anna Hannapel, Morgan Hauptfleisch &amp; Niels Blaum</td>
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<tr>
<td>09:30</td>
<td>The influence of socioeconomic factors on the effective management of high-value cross-border species. S.A. Jeanetta Selier, Rob Slotow &amp; Enrico Di Minin</td>
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<td>09:45</td>
<td>Sharing the skies – working towards reducing the hazard of bird and wildlife strikes to aircraft. Melissa Groenewald &amp; Beryl Wilson</td>
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<td>10:00</td>
<td><strong>Tea</strong></td>
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<td><strong>Chair: Pieter Nel</strong></td>
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<tr>
<td>10:30</td>
<td>Status, purpose and significance of the captive cheetah (<em>Acinonyx jubatus</em>) industry in South Africa: Conservation or exploitation? S.A. Jeanetta Selier, Kelly Marnewick &amp; Adrian Tordiffe</td>
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<tr>
<td>10:45</td>
<td>Metapopulation management as a tool for threatened species recovery: a case study of African wild dogs and cheetahs in South Africa. David G. Marneweck, Vincent van der Merwe, Kelly Marnewick &amp; Harriet T. Davies-Mostert</td>
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<tr>
<td>11:00</td>
<td>Responsible genetic management of metapopulations: should inbreeding be tolerated? Vincent C. van der Merwe &amp; Susan M. Miller</td>
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*SAWMA symposium 2015*

11:30 Human impact and low resilience – with special attention to off-road driving. Gerhardus P. Nortjé


12:00 The AqueouSphereTM and BaoWetlandTM ecologically engineered hybrid constructed wetland treatment systems: an integrated water quality solution for protected areas in Africa. Yolandi Schoeman

12:15 Optimising the use of visual and radar-acoustic observations in mitigating the impact of proposed wind energy facilities on Cape Vulture (*Gyps coprotheres*) populations in the Eastern Cape. Frowin K. Becker, Rhonda L. Millikin & Alison J. Leslie

12:30 Lunch

**Biodiversity mitigations and offsets: The future for conservation and wildlife management**

*Chair: Joh Henschel*

13:30 Lessons learnt in developing biodiversity management plans and offsets for African development projects. Andrew Cauldwell

13:45 How sustainable is your protected area really? Ecological Engineering: a field whose time has come for Africa... Yolandi Schoeman

14:00 The Ingula Partnership conservation success: bridging the gap between development and conservation. Robin Colyn

**Poster Information Session**

*Chair: Charlene Bissett*

14:15 Caracal diet and home range on farmlands in the Succulent Karoo. Kristine J. Teichman, Bogdan Cristescu, Justin O’Riain & Karen E. Hodges

14:20 Genetic differentiation between African catfish populations from West- and East flowing river systems in South Africa. Sinebong Mdyogolo, J. Paul Grobler, James E. Barasa, Romulus Abila & Hesmari Bindeman

14:25 The spotted hyena of Majete Wildlife Reserve. Francois C. Retief & Alison J. Leslie

14:30 Spatial patterns of leopard-livestock conflict in the Western Cape, South Africa. Bogdan Cristescu, Kristine J. Teichman & Justin O’Riain

14:35 Elephant impact assessment on woody vegetation in Mabalingwe Nature Reserve. Nitty Simard & Yolanda Pretorius

14:40 The diversity of carnivores around Sasol’s Secunda plant. Kevin Emslie, Daan Loock, Wayne Matthews & Michael J. Somers

14:45 Assessing the population characteristics of small mammal communities across a land-use matrix in the Free State Province. Mmatsawela Ramahlo, Lourens Swanepoel, Frikkie Kirsten, Emil von Maltitz, Phanuel Malebana & Mark Keith
14:50 Seasonal and daily activity patterns of serval (*Leptailurus serval*) at Sasol’s Secunda plant. Calvin Griffiths, Wayne Matthews, Daan Loock, Kevin Emslie & Michael Somers

14:55 **Poster Question Session**

**Chair: Harriet Davies-Mostert**

15:10 **SACNASP Information and Discussion Session:** Conservation Science as new field of practice with South African Council for Natural Scientific Professions. Dr Rolf Becker

15:30 Tea

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**Tuesday 8 September 2015**

07:30 Registration continues

**Chair: Dan Parker**

08:00 **Keynote Presentation:** Changing research paradigms to face realities in wildlife conservation, management and the wildlife industry. Louw C. Hoffman

*Emerging information to aid wildlife management decisions*

08:30 Wild and free: what are we conserving and how do we measure it? Matthew F. Child, S.A. Jeanetta Selier, Andrew Taylor & Harriet T. Davies-Mostert

08:45 Small mammal and small carnivore abundance and diversity in the communal conservancies of Kavango East, Namibia: is communal conservation leading to increased biodiversity? Fernandu Khaebeb, Morgan Hauptfleisch & Katie Oxenham

09:00 The black-footed cat (*Felis nigripes*): a review of the geographical distribution and conservation status. Beryl Wilson, Nellie de Crom, Brian K. Reilly, Lizanne Roxburgh & Alexander Sliwa

09:15 Viability of South Africa’s managed metapopulation of cheetahs (*Acinonyx jubatus*). Kenneth G. Buł & Kelly Marnewick

09:30 Establishing a monitoring framework to facilitate the adaptive management of leopards (*Panthera pardus*) in KwaZulu-Natal. Gareth Mann, Guy Balme, Shannon Chapman, Chris Kelly, Simon Morgan, Chris Barichievy, Tarik Bodasing, Dave Druce, Rickert van der Westhuizen, John Craigie, Sharron Hughes, Brent Coverdale, Peter S. Goodman

09:45 Living on the edge: ecological relationships between large carnivores in the arid Kalahari. M.Gus L. Mills

10:00 Tea

**Chair: Kelly Marnewick**

10:30 Large felid whisker growth rate and its importance in determining intra-population dietary variation using stable isotope analysis. Ruwimbo Mutirwara, Frans G.T. Radloff, Daryl Codron & Guy Balme

10:45 Demographic characteristics of lion (*Panthera leo*) in the Kalahari Gemsbok National Park. Otto Beukes, Frans G.T. Radloff & Sam M. Ferreira

**SAWMA symposium 2015**
11:00 Spatial and temporal variation of lion (*Panthera leo*) diet within the Kalahari Gemsbok National Park. **Maya Beukes, Frans G.T. Radloff & Sam M. Ferreira**

11:15 The effect of wild dogs (*Lycaon pictus*) and rainfall on herbivores in Hluhluwe-iMfolozi Park, South Africa. **David G. Marneweck, Dave J. Druce, Kelly Marnewick & Michael J. Somers**

11:30 The diet of caracal (*Caracal caracal*) and black-backed jackal (*Canis mesomelas*) in a rangeland ecosystem, southern Free State. **Carl F. Pohl, Nico Avenant & Alexander Sliwa**

11:45 Diet of key predators responsible for livestock conflict in Namaqualand, South Africa. **Corlé Jansen, Alison J. Leslie, Quinton Martins**

12:00 The importance of stocking rate, habitat and feeding preferences of game species for effective veld management in a semi-arid environment. **Marnus Smit, G. Nico Smit & Johan P. du Preez**

12:15 Relationship between woody canopy cover and habitat utilisation by kudu (*Tragelaphus strepsiceros*) in the central Free State. **Vivian P. Butler, Beanelri B. Janecke & G. Nico Smit**

12:30 **Lunch**

**Chair: Frans Radloff**


13:45 Agonistic behaviour of sable antelope (*Hippotragus niger*) Harris, 1838: Implications for captive management. **Nadine Jacobs & Hennie Butler**

14:00 Post-reintroduction monitoring and proposed management strategies for impala (*Aepyceros melampus*) and waterbuck (*Kobus ellipsiprymnus*) in Malawi. **Kate Spies & Alison J. Leslie**

14:15 The curious case of Limpopo’s “black-nosed” impalas. **J. Paul Grobler**

14:30 Phylogeography of the South African endemic Cape Parrot (*Poicephalus robustus*). **Riël W.G. Coetzer, Mike R. Perrin, Colleen T. Downs & Sandi Willows-Munro**

**Chair: Harriet Davies-Mostert**

15:30 Annual General Meeting

**Wednesday 9 September 2015**

07:30 Registration continues

08:00 **Keynote Presentation**: Diversification and contribution of the wildlife industry. **Wiaan van der Linde**

**Emerging information to aid wildlife management decisions**

**Chair: Beryl Wilson**

08:30 The use of permanent passageways to mitigate fence damage by warthogs (*Phacochoerus africanus*). **Monlee Swanepoel, Alison J. Leslie & Louwrens C. Hoffman**

08:45 Good fences make good neighbours: a qualitative interpretive study of human–baboon and human–human conflict on the Cape Peninsula. **Renelle Terblanche**
09:00 A combination of electric and virtual fencing as a new strategy for managing baboons. Phil R.K. Richardson, Robyn E. Khoury, Sieglinde C. Rode & Lana Müller.

09:15 The development and use of an optimal camera trap survey design to assess mammalian species richness and distribution on the Cape Peninsula. Robin Colyn, Frans G.T. Radloff, Justin O’Riain & Tali Hoffman


09:45 Science Education Outreach as a future for environmental management. Omphile Khutsoane & Joh Henschel

10:00 Tea

Chair: Marnus Smit

Population resilience to pressures

10:30 Adaptive behavioural responses of a blue wildebeest (Connochaetes taurinus) population to spatiotemporal environmental variability in a fragmented semi-arid Kalahari, Botswana. Moses Selebatso, Richard W. S. Fynn & Glyn Maude

10:45 Assessing the impacts of changing land use on forest mammals in the fragmented coastal forests of southern KwaZulu-Natal, South Africa. Yvette C. Ehlers Smith, David A. Ehlers Smith, Colleen T. Downs and Tharmalingam Ramesh

Legislative impacts on wildlife and biodiversity

11:00 Draft policy for the hunting of Opportunity Species within the Northern Cape Province. F. Christina Kraft

11:15 Legal and institutional frameworks for natural resources management: implications for managing threats to wildlife and biodiversity in the Middle Zambezi Biosphere Reserve, Zimbabwe. Olga L. Kupika & Edson Gandiwa

11:30 The M99 conundrum and its implications for the wildlife ranching sector in South Africa. Tariro Kamuti

11:45 Transfrontier elephant populations: challenges to their management. S.A. Jeanetta Selier, Rob Slotow, Andy Blackmore & Arie Trouwborst

Economic contribution of biodiversity

12:00 The brown locust (Locustana pardalina) as a pivot of conservation in the Karoo. Joh Henschel

12:15 The economic contribution of wildlife ranching. Andrew Taylor & Harriet T. Davies-Mostert

12:30 Lunch

Responsible Wildlife Management: Bridging the divide! (An in-practice session sponsored by SAHGCA)

Chair: Harriet Davies-Mostert


13:45 Reputational risk: is certification a solution for the wildlife management sector in South Africa? Johan G. Nel & Chris Conradi

14:00 The South African law and responsible wildlife management. Andy Blackmore & Andrew
Muir

14:15 Do we manage for growth in numbers or sustainable contribution?  Lizanne E.J. Nel

14:30 Hunting, its socio-economic benefits and responsibilities towards genetic sustainability.  Kevin Robertson

14:45 Ecotourist trends and responsible wildlife management – an integral relationship.  Annemie de Klerk

15:00 **Responsible Wildlife Management Question Session**

15:30 **Tea**

18:30 Gala Dinner, prize giving, and closure

Chair: Julius Koen

Dinner presentation:
Kalahari kaleidoscopes: a naturalist’s experiences from living for 18 years in this arid wonderland.  **Gus Mills**