

SCIENTIFIC PROGRAMME

THURSDAY 19 JULY 2007

TIME	TITLE	AUTHOR/S	PAGE
PARALLEL SESSION E			
WORKSHOP: The Game Industry in Thicket (Session Chair: to be confirmed)			
08:30-10:10			
10:10-10:40	TEA		
10:40-12:00			
PLATFORM SESSION: Policy and Planning Implications around Thicket (Session Chair: Mandy Cadman)			
12:00-12:20	Eastern Cape Biodiversity Plan: mainstreaming biodiversity in land use decision-making in the Eastern Cape Province	<i>Derek Berliner, P Desmet and A Young</i>	
12:20-12:40	Open space		
12:40-13:00	Open space		
13:00-14:00	LUNCH		
PLATFORM SESSION: Current and Proposed Research in the Thicket II (Session Chair: to be confirmed)			
14:00-14:20	Sharing the labour force through effective negotiations – insights in the pollination of aloes	<i>Christo Botes, Steve Johnson and Richard Cowling</i>	
14:20-14:40	Open space		
14:40-15:00	Open space		
15:00-15:20	Open space		
15:20-15:40	TEA		
WRAP UP, OVERVIEW AND THE WAY FORWARD: The Thicket Forum (Session Chairs: Gillian McGregor and Andrew Knight)			
15:40-17:00	<i>General Discussion</i>	<i>Facilitated by session chairs, Gillian McGregor and Andrew Knight</i>	
Scientific Programme of the Joint 42nd Annual Congress of the Grassland Society of Southern Africa & 4th Annual Meeting of the Thicket Forum ENDS			
PARALLEL SESSION F			
PLATFORM SESSION: Rangeland Monitoring and Management II (Session Chair: to be confirmed)			
08:30-08:50	Use of satellite derived plant phenology for land condition monitoring	<i>Graham P von Maltitz, Karen Steenkamp and Sally Archibald</i>	
08:50-09:10	Human population distribution and ecosystem conservation in rural landscapes: an Australian case study of a global phenomenon	<i>Fiachra Kearney, Neil D MacLeod and S Grounds</i>	



Joint 42nd Annual Congress of the Grassland Society of Southern Africa &
4th Annual Meeting of the Thicket Forum
Scientific Programme: Thursday 19 July 2007

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09:10-09:30	Assessing range condition for controlled burning in the Okavango Ramsar site in Botswana	Winston S W Trollope , Lynne A Trollope, C de B Austin and A C Held	
09:30-09:50	The woody vegetation of the Kruger National Park – impacts and changes	Holger C Eckhardt	
09:50-10:10	The Disc Pasture Meter – an important tool in the management of grassland and savanna ecosystems	Winston S W Trollope	
10:10-11:20	TEA & POSTERS		
POSTER SESSION: Invasive Plants and Bush Encroachment (Session Chair: to be confirmed)			
10:30-10:35	Dynamics of savannas in Swaziland: encroachment of woody plants in relation to land use systems and soil classes	Solomon Tefera , B J Dlamini and A M Dlamini	
10:35-10:40	<i>Prosopis</i> invasion in the Molopo District: the effect on grass species development – a case study	Pieter W Malan	
10:40-10:45	<i>Acacia mellifera</i> invasion in a selected site in the Molopo District: the effect on soil quality	Pieter W Malan and Phemelo P Mogodi	
10:45-10:50	Impact of the removal of <i>Acacia mearnsii</i> on the water potential and soil properties in the Tsomo Valley (Eastern Cape)	P Hlonipani Mthunzi and Sikhhalazo Dube	
10:50-10:55	Viability of alien and native seed banks after slash and burn: effects of soil moisture, depth of burial and fuel load	M Behenna, Susi Vetter and S Fourie	
10:55-11:00	Does the soil seed bank of veld dominated by <i>Pteronia paniculata</i> change as a result of brush cutting?	Nelmarie Visser and J C Botha	
11:00-11:05	Soil depth, scarification and germination of <i>Acacia mearnsii</i> seeds in greenhouse	N Hamilton Ndwayana and Sikhhalazo Dube	
11:05-11:10	Evaluation of Bushwhacker SC (bromacil) efficacy for the control of <i>Acacia karoo</i> in Eastern Cape, South Africa	Trust Molai , Sikhhalazo Dube and A Wole (O) Fatunbi	
11:10-11:15	Herbicide effect on seed viability of Pompom (<i>Campuloclinium macrocephalum</i>)	V Thaphathi, K Manyaga, L Mugwedi and Jeremy Goodall (presented by Michael Braack)	
11:15-11:20	Use of camels to control <i>Acacia karoo</i> in the Eastern Cape	Malibongwe M Kuselo	
PLATFORM SESSION: Biodiversity Initiatives and Conservation I (Session Chair: to be confirmed)			
11:20-11:40	Living in a working landscape: an overview of the National Grasslands Programme	Anthea C Stephens	
11:40-12:00	Managing pom pom weed, <i>Campuloclinium macrocephalum</i> , in KwaZulu-Natal	Michael Braack	
DISCUSSION SESSION: Rangelands and People, Policy and Practice II (Session Chair: Cam McDonald)			
12:00-13:00	<i>Progressing Benefits from Farmer Assistance Programs</i>	Facilitated by session chair, Cam McDonald	
13:00-14:00	LUNCH		
PLATFORM SESSION: Biodiversity Initiatives and Conservation II (Session Chair: to be confirmed)			
14:00-14:20	Vegetation and conservation status of the wetlands in the Maloti-Drakensberg Transfrontier Park	Erwin J J Sieben , D Kotze and Craig D Morris	
14:20-14:40	Are there indicator species of veld condition within the non-graminoid component of mesic grasslands?	Rob C Scott-Shaw and Craig D Morris	



Joint 42nd Annual Congress of the Grassland Society of Southern Africa &
4th Annual Meeting of the Thicket Forum
Scientific Programme: Thursday 19 July 2007

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14:40-15:00	Case study investigating a shift in the fire regime in Pilanesberg National Park: 1998-2006	Bruce H Brockett	
15:00-15:20	Resource utilisation of chacma baboons in commercial forestry areas in the Mpumalanga Province	Leslie R Brown, H Marais, S P Henzi and L Barrett	
15:20-15:40	TEA		
PLATFORM SESSION: Ecosystem Ecology in Rangelands (Session Chair: to be confirmed)			
15:40-16:00	Fire and nitrogen: lessons from the sourveld savanna of the Kruger National Park	Corli Coetsee, Ed February and William J Bond	
16:00-16:20	Ecological effects and influence of fire and savanna trees on moisture and nutrients availability in mesic savannas	Vhalinavho P Khavhagali and William J Bond	
16:20-16:40	Effects of soil properties on forage production during the early growing season in two communal rangelands of Eastern Cape	Mota S Lesoli, S Dube and A O Fatunbi	
16:40-17:00	Understanding the biological processes of grazing systems in semi-arid rangelands	Mark D Alchin and Ben E Norton	
17:00-17:20	Stability, recovery and resilience in piosphere systems in the Kruger National Park	Katherine J Matchett, Kevin P Kirkman, Craig D Morris, Mike J Peel	

Scientific Programme of the Joint 42nd Annual Congress of the Grassland Society of Southern Africa & 4th Annual Meeting of the Thicket Forum ENDS

SYMPOSIUM: DAIRY AND PLANTED PASTURES

TIME	TITLE	AUTHOR/S	PAGE
PARALLEL SESSION G			
PLATFORM SESSION I: Cultivar Adaptations and Management (Session Chair: to be confirmed)			
08:30-08:50	The production and quality of forage sorghum and hybrid forage millet cultivars as pasture crops	Philip R Botha, Hennie S Gerber and Robin Meeske	
08:50-09:10	The potential of oats and <i>Triticale</i> as silage crops in the Southern Cape	Piet J A Lombard and Hennie S Gerber	
09:10-09:30	Water use efficiency of five lucerne cultivars at three levels of irrigation	Jorrie (G) Jordaan	
09:30-09:50	The production and quality of forage sorghum cultivars as silage crops	Philip R Botha, Hennie S Gerber and Robin Meeske	
09:50-10:10	Open space		
10:10-10:40	TEA		
PLATFORM SESSION II: Fertilizer Applications for Maximum Production (Session Chair: to be confirmed)			
10:40-11:20	KEYNOTE ADDRESS: Nitrogen fertilizer management and losses in the Australian and New Zealand context	Richard J Eckard	
11:20-11:40	Monitoring soils under intensive dairy production in the South Eastern Cape	Andrew C Beckerling	
11:40-12:00	Kikuyu standing hay for over-wintering sheep and cattle in the Dohne Sourveld	Neels (C) H de Ridder	
12:00-12:20	A farmer's perspective	Rob Ballantyne	



Joint 42nd Annual Congress of the Grassland Society of Southern Africa &
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POSTER SESSION: Dairy and Planted Pastures (Session Chair: to be confirmed)			
12:20-12:25	The effect of re-growth stage and cutting frequency on the chemical composition and fermentation characteristics of kikuyu pasture	<i>C W Cruywagen, P J Weiner, Philip R Botha and L Holtshausen</i>	
12:25-12:30	The production of lucerne over-sown with annual ryegrass	<i>Daniel Badenhorst, Philip R Botha and Robin Meeske</i>	
12:30-12:35	Effect of variety and dormancy rating on yield of lucerne (<i>Medicago sativa</i>)	<i>Nicky J Findlay and Sheila D Househam</i>	
12:35-12:40	Preliminary results of foliar feeding on ryegrass dry matter production	<i>Ben August</i>	
12:40-12:45	Eastern Cape Communal Arable Lands Nurseries	<i>Unathi Gulwa</i>	
12:45-12:50	Open space		
12:50-12:55	Open space		
12:55-13:00	Open space		
13:00-14:00	LUNCH		
PLATFORM SESSION III: Production Systems and Management (Session Chair: to be confirmed)			
14:00-14:20	The role of legume pastures in the dry-land cropping systems of the Western Cape	<i>Mark B Hardy</i>	
14:20-14:40	Production and quality of annual winter growing grass and legume species as winter pasture	<i>Philip R Botha, Hennie S Gerber and Robin Meeske</i>	
14:40-15:00	Supplementation of quality protein to high producing Jersey cows grazing kikuyu pasture in the Southern Cape	<i>Evelyn R Malleson, Robin Meeske and L J Erasmus</i>	
15:00-15:20	Supplementing maize silage to Jersey cows grazing ryegrass pasture	<i>Robin Meeske and G D van der Merwe</i>	
15:20-15:40	TEA		
DISCUSSION SESSION: (Session Chair: to be confirmed)			
15:40-16:00	<i>General Discussion</i>	<i>Facilitated by session chair</i>	
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