

South Africa / United States of America Bi-National Commission

**Best Management Practices
For Preventing and Controlling
Invasive Alien Species**

Symposium on Policies and Implementation

**Kirstenbosch Botanical Gardens, Cape Town
22-24 February 2000**

1. Aims of Symposium

- To explore best management practices in the control of invasive species (with a focus on plants).
- To consider ways of controlling the introduction of new, potentially invasive species.
- To build a bi-lateral partnership between South Africa and the USA, to combat invasive species.
- To develop a regional understanding of the control of invasive species within the SADC countries.
- To contribute towards a global initiative to develop international protocols on invasive species.
- To seek international assessments of South Africa's approaches to the control of invasive species.
- To demonstrate what is possible in combating the threats posed by invasive species.

2. Target Audiences

- Specialists working in the field in the SADC countries and the USA.
- The world's leading experts in the various components of the control of invasive species.
- A combination of policy, research and management experts in the field.
- Key resource-allocation decision-makers in South Africa, the USA and the SADC countries.
- Critics of the *Working for Water* programme in South Africa.
- Key individuals who influence the use of biological control agents in the USA.
- Political leadership in South Africa, the USA, the SADC countries, and international leaders.
- Those who profit from invasive alien species (and particularly forestry and nursery interests).
- Local and international media.

3. Arrangements

- Delegates will be invited.
- The USA Government will provide financial assistance for certain of the delegates.
- The National Botanical Institute will sponsor the use of the conference centre at Kirstenbosch.
- Assistance will be sought so as to fund participation by delegates from the SADC countries.
- Secretariat and media costs to be shared between the USA and South Africa.
- The workshop will be conducted in English.
- Workshop proceedings will be co-funded by South Africa and the USA.
- The organizing committee will suggest suitable options for accommodation.
- Additional post-workshop field trips and tours will be offered, at the expense of the delegates.

PROGRAMME

Tuesday 22 February 2000

07h00 Registration and tea/coffee/rooibos/juice

SESSION 1: SETTING THE SCENE

	Chairs:	Minister Kasrils (SA) & Secretary Babbitt (USA)
08h00	Welcome and Introduction	Minister Ronnie Kasrils (SA)
08h10	A USA Perspective on Invasive Species	Secretary Bruce Babbitt (USA)
08h30	A Water Perspective on Invasive Species	Minister Ronnie Kasrils (SA)
08h45	An Environmental Perspective/Aquatic Invaders	Minister Vali Moosa (SA)
09h00	An Agricultural Perspective on Invasive Species	<i>Minister Thoko Didiza (SA)</i>
09h15	A USA Agricultural Perspective	Under-Secretary Mike Dunn (USA)
09h30	Keynote Address	Dr Jeff McNeely (IUCN)
10h00	Tea	

	Chairs:	Dep Min R Mabudafhasi (SA) & Mr Bill Brown (USA)
10h40	The Global Invasive Species Programme	Professor Hal Mooney (USA)
11h05	Current and Future Economic Impacts	Dr Charles Perrings (UK)
11h30	The Vectors for Invasions by Alien Species	Professor Jim Carlton (USA)
11h55	The <i>Working for Water</i> Programme	Ms N Jezile, Ms C McQueen & Ms S Noemdoo (SA)
12h20	Lunch	

SESSION 2: CONSIDERATIONS FOR PREVENTION

	Chairs:	Ms Bongiwe Njobe (SA) & Dr Pat Shea (USA)
13h30	The Ecology of Invasions	Professor Mark Williamson (UK)
13h50	Accountability and Legislation	Mr Lyle Glowka (Germany)
14h10	Education, Awareness and Outreach	Mr Tim Low (Australia)
14h30	Research and Technological Development	Professor Dan Simberloff (USA)
14h50	Risk Analysis and Economic Considerations	Ms Lori Lach (USA)
15h10	Administration (Information/Technical Support)	Dr Dennis Fenn (USA)
15h30	Tea	

16h00	Workshop #1 Rapporteur:	Ms Jacqui Boule (SA)	
	Group Discussion on Prevention	Chairs (Facilitators):	Scribes:
	a) The Ecology of Invasions	Prof William Bond (SA)	Dr Steve Tiba (SA)
	b) Accountability and Legislation	Dr Nattley Williams (IUCN)	<i>Adv MK Kgomoane (SA)</i>
	c) Education, Awareness and Outreach	Dr David Wilcove (USA)	Dr Razeena Wagiet (SA)
	d) Research and Technological Development	Dr Marcel Rejmanek (USA)	Dr Steve Cornelius (SA)
	e) Risk Analysis and Economic Considerations	Prof Jerry Eckert (USA)	SADC Person
	f) Administration (Information/Technical Support)	Prof Jim Quinn (USA)	Mr Tseko Nel (SA)
17h30	Closure		

Welcoming Function Two Oceans Aquarium, Cape Town

18h45	Delegates driven to Two Oceans Aquarium
19h00	Cocktail event to welcome delegates
19h30	Chairperson: Minister Ronnie Kasrils (SA)
19h40	Welcoming address by South African <i>President Thabo Mbeki</i>
19h50	Response by US Secretary for the Interior, Mr Bruce Babbitt
20h00	Address by Professor Kader Asmal, Minister of Education (SA)
20h20	Finger supper
20h50	Music
21h30	Delegates driven back to their accommodation

Wednesday 23 February 2000

07h30 Tea/coffee/rooibos/juice

SESSION 3a: TERRESTRIAL MANAGEMENT TECHNIQUES

	Chairs:	Dr Eugene Mokeyane (SA) & Ms N-R Hatfield
08h00	Introduction to the Day's Proceedings	Mr Mbongeni Mondlane (SA)
08h10	Control: Physical, Mechanical, Chemical and Fire	Dr Brian van Wilgen & Dr Dave Richardson (SA)
08h30	The Use of Biological Control Agents	Dr Helmuth Zimmermann (SA)
08h50	Utilization of Invaders for Secondary Industries	Dr Christo Marais (SA)
09h10	The Hydrology of Invading Alien Plants	Dr Ian Calder (UK) & Dr Peter Dye (SA)
09h30	Restoration	Dr Richard Hobbs (Australia)
09h50	Developmental Opportunities	Mr Vukani Mtintso (SA)
10h10	Tea	
10h40	Workshop #2a Rapporteur:	Dr Brian van Wilgen (SA)
	Group Discussion on Terrestrial Control	Chairs (Facilitators):
	a) Control: Physical, Mechanical, Chemical, Fire	Dr Nelroy Jackson (USA)
	b) The Use of Biological Control Agents	Prof Jeff Waage (USA)
	c) Utilization of Invaders for Secondary Industries	<i>Dr Zav Rustomjee (SA)</i>
	d) The Hydrology of Invading Alien Plants	<i>Mr Mike Muller (SA)</i>
	e) Restoration	Ms Faith Campbell (USA)
	f) Developmental Opportunities	Dr Tanya Abrahamse (SA)
		Scribes:
		SADC Person
		Dr F v d Heyden (SA)
		Mr Sidwel Dingela (SA)
		Dr Dave le Maitre (SA)
		Ms Nonjabulu Nduli (SA)
		Mr M Mondlane (SA)
12h30	Field Visit to Macassar <i>Working for Water</i> Project	
13h00	Lunch en route to project	
14h30	Site Visit: Macassar <i>Working for Water</i> Project	Mr Desmond Stevens and colleagues (SA)
15h30	Tea (in field)	
15h45	Social Research Findings	Dr Dumisani Magadlela (SA)
16h00	Workshop #2b Rapporteur:	Mr Gary Johnson (USA)
	Efficacy of the <i>Working for Water</i> Programme	Chairs (Facilitators):
	Group a:	Mr Larry Farwell (USA)
	Group b:	Ms Laurie Nevile (USA)
	Group c:	Mr Piet Odendaal (SA)
	Group d:	Prof Jeff Waage (USA)
	Group e:	Mr Bruce Taubert (USA)
	Group f:	Mr Steve Dewey (USA)
		Scribes:
		Dr Paul Roberts (SA)
		Mr Peter van Niekerk (SA)
		Mr Haroon Karodia (SA)
		SADC Person
		Mr Joel Bolnic (SA)
		Dr Chris Viljoen (SA)
17h30	Drive back to Cape Town.	

SESSION 3b: AQUATIC MANAGEMENT TECHNIQUES:

	Chairs:	Dr Monde Mayekiso (SA) & Ms Cathy Short (USA)
08h00	Introduction to the Day's Proceedings	Dr Monde Mayekiso (SA)
	<i>Fresh-water Invaders:</i>	
08h10	Overview on Current Problems and Future Risks	Dr Jenny Day (SA)
08h35	Prevention Options	Ms Cathy Short (USA)
09h00	Control Options	Mr Geoff Howard (IUCN)
	<i>Marine Invaders:</i>	
09h25	Overview on Current Problems and Future Risks	Prof Charlie Griffiths (SA)
09h50	Prevention Options	Dr Dan Minchin (Ireland)
10h15	Control Options	Dr Nic Bax (Australia)
10h40	Tea	
11h00	Field visits led by Professor George Branch and UCT's Fresh Water Research Centre (SA). Timing to catch low-tide. Packed lunch in field. Back by 15h00.	
15h00	Tea	
15h30	Workshop #3a & 3b Rapporteurs:	SADC Person & Prof Mike Bruton (SA)
	Prevention and Control of Invasive Species	Chairs (Facilitators):
	Group a: Marine Invaders	<i>Dr Horst Kleinschmidt (SA)</i>
	Group b: Fresh-water Invaders	Dr Chris Appelton (SA)
		Scribes:
		Dr Larry Hutchins (SA)
		Mr Hennie Bosman (SA)
19h00	Public lecture on invasive species (optional)	Dr Jeffrey McNeely (IUCN)

Thursday 24 February 2000

07h30 Tea/coffee/rooibos/juice

SESSION 4: BEST MANAGEMENT PRACTICES

	Chairs:	Ms B Schreiner (SA) & Mr Steve Richardson (USA)
08h00	Introduction to the Day's Proceedings	Ms Barbara Schreiner (SA)
08h10	Discussion on the <i>Declaration on Invasive Species</i>	Professor Richard Cowling (SA)
09h00	Workshop #4 Rapporteur:	<i>Dr Crispian Olver (SA)</i>
	Integrating BMPs for Prevention and Control	Chairs (Facilitators):
	Group a)	Dr Mark Lonsdale (Aus)
	Group b)	Dr Dick Mack (USA)
	Group c)	<i>Dr Ted Center (USA)</i>
	Group d)	Ms Phyllis Windle (USA)
	Group e)	Ms Lael Bethlehem (SA)
	Group f)	Dr Patrick Shea (USA)
		Scribes:
		Prof John Hofmann (SA)
		Prof Cliff Moran (SA)
		SADC Person
		Prof William Bond (SA)
		Prof Richard Cowling (SA)
		Mr Dhesigen Naidoo (SA)
10h30	Tea	
11h00	Workshop #5 Rapporteurs:	Ms Janet Love (SA) & Dr Jamie Reaser (USA)
	Role Model Interventions: SA, SADC and the USA	Chairs (Facilitators):
	Group a) South Africa - 1	Mr Mike Walters (SA)
	Group b) South Africa - 2	Prof Brian Huntley (SA)
	Group c) Southern African Development Council	SADC person
	Group d) United States of America - 1	Ms Rebecca Bech (USA)
	Group e) United States of America - 2	Mr Gordon Brown (USA)
	Group f) Promoting International Partnerships	Mr Brooks Yaeger (USA)
		Scribes:
		Prof Eugene Moll (SA)
		Mr David Daitz (SA)
		SADC person
		Mr Marshall Meyers (USA)
		Mr Peter Jenkin (USA)
		Mr Ken Thomas (USA)
12h30	Lunch	

SESSION 5: THE WAY FORWARD

	Chairs:	Dr Guy Preston (SA) & Mr Gordon Brown (USA)
13h45	Synthesis and Discussion of Working Groups' Outputs:	
	Prevention Workshops Feedback	Ms Jacqui Boule (SA)
	Terrestrial Management Feedback	Dr Brian van Wilgen (SA)
	Marine Management Feedback	SADC Person
	Fresh-water Management Feedback	Professor Mike Bruton (SA)
	Efficacy of <i>Working for Water</i> Feedback	Mr Gary Johnson (USA)
	Integrating Best Management Practices Feedback	<i>Dr Crispian Olver (SA)</i>
	SAn and SADC Role-model Interventions Feedback	Ms Janet Love (SA)
	USA and Int'l Role-model Interventions Feedback	Dr Jamie Reaser (USA)
15h30	Tea	
	Chairs:	Minister Kasrils (SA) & Dep Sec Mike Dunn (USA)
16h00	Toward International Partnerships on Invasive Species	Dr Peter Schei (Norway)
16h20	Reflections on the Workshop	Dr Ian Macdonald (SA)
16h40	The Way Forward	Dr Bill Brown (USA)
17h00	Declaration on Invasive Species	<i>Mr Tami Sokutu (SA)</i>
17h15	Closure and Thanks	Minister Ronnie Kasrils (SA)
17h30	Workshop Ends	

Friday 25 February 2000 (08h30-12h30)

International specialists will hold training workshops for South Africans and SADC people.

- Professor Jim Quinn (USA) will be asked to lead an information sharing/database linkages workshop.
- *Professor Jerry Eckert* and *Ms Lori Lach* will be asked to lead a resource economic workshop on invasive species.
- *Dr Nattley Williams* and *Mr Lyle Glowka* will be asked to lead a workshop on legal considerations around invasive spp.
- A special Southern African Development Council (SADC) meeting on invasive species is also envisaged for this day.