



## 2012 Biodiversity Planning Forum

22–25 May 2012, Skukuza, Kruger National Park

### PROGRAMME

Tuesday 22 May 2012

Time	
11:00 – 13:00	REGISTRATION
13:00 – 14:00	LUNCH
<b>Venue: Nombolo Mdhuli Conference Centre: Main Auditorium</b>	
<b>Facilitator:</b> Wadzi Mandivenyi	
14:00 – 14:05	Official welcome from DEA, Wadzi Mandivenyi (Acting Chief Director: Biodiversity Conservation)
14:05 – 14:15	Introduction and Forum objectives, Kristal Maze & Tammy Smith (SANBI)
14:15 – 14:45	Keynote address: The ecology of ecosystem services, Prof. John Donaldson (Chief Director: Applied Biodiversity Research, SANBI)
14:45 – 15:15	Keynote address: Vision for invasive species management in South Africa and strategic considerations in developing a National Invasive Alien Species Strategy, Dr. Guy Preston (Deputy Director General: Natural Resource Management, DEA)
15:15 – 15:30	GreenMatter: Building capacity for high level biodiversity skills, Dr. Eureka Rosenberg (GreenMatter)
15:30 – 16:00	TEA
16:00 – 17:15	New national biodiversity plans and assessments <ul style="list-style-type: none"> <li>• National Biodiversity Assessment (NBA) 2011 highlights, Fahiema Daniels (SANBI)</li> <li>• National Freshwater Ecosystem Priority Areas (NFEPA) project, Jeanne Nel (CSIR)</li> <li>• National Estuary Biodiversity Plan: key products and uses, Chantel Petersen (CSIR)</li> <li>• The South African National Sandy Beach Conservation Plan, Linda Harris (NMMU)</li> </ul>
17:15 – 17:30	Making the case for biodiversity, Kristal Maze (Chief Director: Biodiversity Planning and Mainstreaming, SANBI)
18:00 – 19:30	Celebration of International Day of Biodiversity and opening of poster and exhibition display (please remember to bring any posters, brochures and other printed material you would like to display)
19:30	DINNER

**Wednesday 23 May 2012**

<b>Wednesday 23 May 2012</b>			
<b>Time</b>	<b>Venue: Nombolo Mdluli Conference Centre: Main Auditorium</b>		
08:00 – 08:15	Official address from SANParks, Dr. Hector Magome (Managing Executive: Conservation Services)		
08:15 – 10:30	Plenary session: Mining and biodiversity		
10:30 – 11:00	TEA		
11:00 – 13:00	Plenary session: Invasive alien species management		
13:00 – 14:00	LUNCH		
<b>Time</b>	<b>Venue: Main Auditorium</b>	<b>Venue: Breakaway Room 1</b>	<b>Venue: Breakaway Room 2</b>
14:00 – 15:30	Invasive alien species management: discussion session	Tools for conserving threatened species: are our biodiversity plans sufficient?	Taking stock of our protected area estate
15:30 – 16:00	TEA		
<b>Time</b>	<b>Venue: Main Auditorium</b>	<b>Venue: Breakaway Room 1</b>	<b>Venue: Breakaway Room 2</b>
16:00 – 17:30	Detailing technical requirements for the development of systematic biodiversity planning	Tools for conserving threatened species: are our biodiversity plans sufficient?	Towards a stronger strategy for building biodiversity planning capacity
17:30 – 19:00	Networking opportunity / Informal discussion session (see detailed programme)		
19:00	DINNER		

<b>Wednesday 22 May 2012</b>	
<b>Venue: Nombolo Mdhului Conference Centre: Main Auditorium</b>	
<b>Facilitator: Kristal Maze</b>	
08:00 – 08:15	Official address from SANParks, Dr Hector Magome (Managing Executive: Conservation Services)
<b>Plenary session: Mining and biodiversity</b>	
<b>Venue: Nombolo Mdhului Conference Centre: Main Auditorium</b>	
<b>Facilitator: Kristal Maze</b>	
<b>Description</b> Mining has been, and will continue to be, a key economic driver in South Africa, providing jobs and growing out GDP. South Africa has a rich natural heritage of biodiversity and healthy ecosystems that supports our social and economic development in numerous direct and indirect ways. It is recognized that both natural and mineral resources play a vital role in the development path of the country. This plenary session aims to stimulate discussion on how we can move towards a more strategic approach to integrate biodiversity issues into mining to ensure a more a sustainable future.	
08:15 – 10:30	<ul style="list-style-type: none"> <li>• Mining and biodiversity: towards a more strategic approach, Kristal Maze (SANBI)</li> <li>• From fruit salad to priority areas: the identification of biodiversity priority areas sensitive to mining impacts and development of associated guidelines, Jeff Manuel (SANBI)</li> <li>• The rate and projected impact of development, with emphasis on mining, on the biodiversity in the Mpumalanga province, South Africa, <b>Mathieu Rouget</b> &amp; Mari Roleen la Grange (University of Pretoria)</li> <li>• Mining and Prospecting in South Africa: creating maps as tools for more effective decision making, Kirsten Oliver, Melinda Boyers &amp; <b>Marie Paramon-Gurney</b> (EWT)</li> <li>• Approach to developing a composite offset for the Vele colliery, Limpopo, Mark Botha (Independent)</li> <li>• Mining in Mpumalanga: MTPA's response to rapidly expanding mining in the province, Mervyn Lötter (MTPA)</li> <li>• Integrating biodiversity into the mining lifecycle, <b>Warwick Mostert</b> and Patti Wickens (De Beers)</li> </ul>
10:30 – 11:00	TEA
<b>Plenary session: Invasive alien species management</b>	
<b>Venue: Nombolo Mdhului Conference Centre: Main Auditorium</b>	
<b>Facilitator: Theresa Frantz</b>	
<b>Description</b> Invasive species pose a significant threat to biodiversity and the services provided by ecosystems. This session will provide a spatial perspective of the extent of invasion by plant species (range and abundance) and the economic consequences of those invasions. Presentations will also consider the Working for Water programme's response to invasive plant management and assess effectiveness of the programme. Insights will be provided into the Working for Water programme's analytical hierarchical process for prioritising its work through a multi-criteria decision support technique that uses spatial data sets. An example of systematic biodiversity planning is provided for invasive plant prioritisation in the Garden Route. We will also hear some lessons learnt from Down Under (Australia) and the State of Victoria's approach to management of invasive species, what pitfalls to avoid and the good practices for possible adoption in South Africa. This session will continue with a discussion after lunch.	
11:00 – 13:00	<ul style="list-style-type: none"> <li>• Introduction to the session, Theresa Frantz (SANBI)</li> <li>• National Invasive Alien Plant Survey, Ian Kotzé (ARC)</li> <li>• The economic consequences of the environmental impacts of alien plant invasions in South Africa, <b>David Le Maitre</b> (CSIR), Willem de Lange (CSIR), David Richardson (CIB, University of Stellenbosch), Russell Wise (CSIR &amp; CSIRO) &amp; Brian van Wilgen (CSIR)</li> <li>• An assessment of the effectiveness of Working for Water in controlling invasive alien plants in South Africa, <b>Brian van Wilgen</b> (CIB &amp; CSIR), Greg Forsyth (CSIR), David Le Maitre (CSIR), Andrew Wannenburg (DEA), Johan Kotzé, Elna van den Berg (ARC) and Lesley Henderson (ARC)</li> <li>• Lessons in invasive species management for South Africa from the state of Victoria, Australia, Philip Ivey (SANBI)</li> <li>• The prioritisation of invasive alien plant control projects using a multi-criteria decision model informed by stakeholder input and spatial data, <b>Andrew Wannenburg</b> (DEA), Greg Forsyth (CSIR), David Le Maitre (CSIR), Patrick O' Farrell (CSIR) &amp; Brian van Wilgen (CSIR)</li> <li>• Potential use of systematic biodiversity planning for invasive alien plant prioritisation in the Garden Route, Mathieu Rouget (University of Pretoria)</li> </ul>
13:00 – 14:00	LUNCH

<b>Wednesday 22 May 2012 continued</b>	
<b>Afternoon parallel sessions (14:00 – 15:30)</b>	
<b>Parallel session 1: Invasive alien species management</b>	
<b>Venue: Nombolo Mdhuli Conference Centre: Main Auditorium</b>	
<b>Facilitators: Theresa Frantz / John Donaldson</b>	
<b>Description</b> This is a continuation of the session held before lunch (see description above).	
14:00 – 15:30	Discussion session on invasive alien species management
15:30 – 16:00	TEA
<b>Parallel session 2: Tools for conserving threatened species: are our biodiversity plans sufficient?</b>	
<b>Venue: Breakaway Room 1</b>	
<b>Facilitators: Michele Pfab and Domitilla Raimondo</b>	
<b>Description</b> There are a number of legislative tools available in South Africa that can contribute towards the conservation of threatened species. This session will focus on some of these tools, with an aim of initiating a process to draft national guidelines for addressing species threatened by habitat loss in the EIA process. The role of spatial biodiversity planning and methods of incorporating species into biodiversity plans will be emphasized. This session will be continued with further presentations and discussion after tea.	
14:00 – 15:30	<ul style="list-style-type: none"> <li>• Listing of species as threatened or protected in terms of NEMBA: implications for biodiversity planning, Michèle Pfab (SANBI)</li> <li>• Using species data in biodiversity planning products: an example from the Western Cape, Genevieve Pence (Independent) &amp; Donovan Kirkwood (CapeNature)</li> <li>• Guidelines for including species of conservation concern in the EIA process, Domitilla Raimondo (SANBI)</li> <li>• Protecting the Red List Plant Species of Gauteng from habitat loss, Phuti Matlamela (GDARD)</li> </ul>
15:30 – 16:00	TEA
<b>Parallel session 3: Taking stock of our protected area estate</b>	
<b>Venue: Breakaway Room 2</b>	
<b>Facilitators: Mandy Driver and Shamilla Jhupsee</b>	
<b>Description</b> In order to keep track of our protected area estate, and to report with confidence on our progress with meeting international CBD and national Outcome 10 targets, the Department of Environmental Affairs needs a single technologically robust spatial database on protected areas. This database should be fully integrated with the existing Register of Protected Areas established in terms of the Protected Areas Act. The work on the development of this spatial database started earlier this year and this session will provide background to the initiative and highlight some of the challenges faced. The presentations will be followed by a discussion on the initiative and the way forward.	
14:00 – 15:30	<ul style="list-style-type: none"> <li>• Why do we need a comprehensive spatial database on protected areas? Karl Naudé (DEA)</li> <li>• What is the status quo in terms of the current spatial database and the Register of Protected Areas? Rudi Pretorius &amp; Deon Marais (DEA)</li> <li>• Where do we go to achieve one comprehensive spatial database of protected areas? Rudi Pretorius &amp; Deon Marais (DEA)</li> </ul>
15:30 – 16:00	TEA
<b>Afternoon parallel sessions (16:00 – 17:30)</b>	
<b>Parallel session 1: Detailing technical requirements for the development of systematic biodiversity planning</b>	
<b>Venue: Nombolo Mdhuli Conference Centre: Main Auditorium</b>	
<b>Facilitators: Donovan Kirkwood and Jeffrey Manuel</b>	
<b>Description</b> On a number of occasions, both at previous Biodiversity Planning Forums and through other processes, questions regarding the need to develop standards addressing the minimum requirements for analysis of systematic biodiversity plans, e.g. how tightly a CBA should be defined, have been raised? This session will provide an opportunity for a focused discussion on the need for a more defined set of minimum technical requirements and what these should include. The intended outcome is a guiding document that will be included as an appendix to the Summary of the Guideline Regarding the Determination of Bioregions and the Preparation of Bioregional Plans.	
16:00 – 17:30	Discussion and working session to develop minimum technical requirements for the development of systematic biodiversity plans.
17:30 – 19:00	Networking opportunity / Informal discussion session
19:00	DINNER

<b>Wednesday 22 May 2012 continued</b>	
<b>Parallel session 2: Tools for conserving threatened species: are our biodiversity plans sufficient?</b>	
<b>Venue: Breakaway Room 1</b>	
<b>Facilitator: Humbulani Mafumo</b>	
<b>Description</b> This is a continuation of the session before tea and includes presentations that focus on how species information has been incorporated into biodiversity plans including a discussion on the opportunities and challenges experienced.	
16:00 – 17:30	<ul style="list-style-type: none"> <li>• Delineating multiple-use zoned fish sanctuaries as a tool for conserving threatened freshwater fish, Ernst Swartz (SAIAB), <b>Ashton Maherry</b> (CSIR) &amp; Jeanne Nel (CSIR)</li> <li>• The contribution of the Important Bird Areas Programme to conservation planning in South Africa, <b>Ernst Retief</b> &amp; Daniel Marnewick (Birdlife South Africa)</li> <li>• Urbanization in a biodiversity hotspot: conservation challenges in Metropolitan Cape Town, Tony Rebelo (SANBI)</li> <li>• Including animal species distribution models in the C-Plan for KwaZulu-Natal: two examples and more lessons learnt, <b>Adrian Armstrong</b> &amp; Jeanne Tarrant (EKZNW)</li> </ul>
17:30 – 19:00	Networking opportunity / Informal discussion session
19:00	DINNER
<b>Parallel session 1: Towards a stronger strategy for building biodiversity planning capacity</b>	
<b>Venue: Breakaway Room 2</b>	
<b>Facilitator: Eureka Rosenberg</b>	
<b>Description</b> What is still needed to build the capacity of biodiversity planners? What is already happening, and what gaps remain? Can we develop a mini-strategy to strengthen our efforts? An interactive and information rich session of short presentations with roundtable discussions building on the discussions from previous Forums.	
16:00 – 17:30	<ul style="list-style-type: none"> <li>• An organisational learning perspective: NCC Environmental Services professional development continuum for biodiversity planners, Ashwell Glasson (NCC Environmental Services)</li> <li>• Developments and views on capacity opportunities, Chantal Ramcharan-Kotze (GreenMatter)</li> </ul>
17:30 – 19:00	Networking opportunity / Informal discussion session
19:00	DINNER
<b>Informal evening discussion session (17:30 – 19:00)</b>	
<b>Discussion: Update on publishing our work</b>	
<b>Venue: Nombolo Mdhuli Conference Centre: Main Auditorium</b>	
17:30 – 19:00	At the 2011 Forum there was an informal discussion session where ideas for the writing of an article on the Biodiversity Planning Forum were discussed. Bob Smith, one of the authors of the article, will present a draft overview of this article in order to get feedback from Forum participants. This informal session will include a broader discussion on opportunities for publishing our work, a discussion also initiated at the 2011 Forum.
19:00	DINNER

**Thursday 24 May 2012**

<b>Thursday 24 May 2012</b>		
<b>Time</b>	<b>Venue: Nombolo Mdhluli Conference Centre: Main Auditorium</b>	
08:30 – 10:30	Plenary session: Mapping ecological infrastructure for ecosystem services	
10:30 – 11:00	TEA	
<b>Time</b>	<b>Venue: Main Auditorium</b>	<b>Venue: Breakaway Room 1</b>
11:00 – 12:30	Mapping ecological infrastructure for ecosystem services: discussion session	Monitoring ecosystems
12:30 – 13:30	LUNCH	
<b>Time</b>	<b>Venue: Main Auditorium</b>	<b>Venue: Breakaway Room 1</b>
13:30 – 15:30	Ecosystem services applications	Provincial and local biodiversity planning initiatives and products
15:30 – 16:00	TEA	
<b>Time</b>	<b>Venue: Main Auditorium</b>	<b>Venue: Breakaway Room 1</b>
16:00 – 17:30	Technical innovations in biodiversity planning	Information accessibility and sharing
17:30 – 19:00	Networking opportunity / Informal discussion session (see detailed programme)	
19:00	DINNER	

Thursday 24 May 2012

**Plenary session: Mapping ecological infrastructure for ecosystem services**

**Venue: Nombolo Mdhluli Conference Centre: Main Auditorium**

**Facilitators: Tracey Cumming and Mahlodi Tau**

**Description**

The session will provide a brief introduction to the concepts of ecological infrastructure and ecosystem services. It will highlight case studies that have mapped ecosystem services, provide an overview of the recently developed ecosystem services focused decision support viewer and identify opportunities and challenges for mainstreaming ecosystem services in land-use planning at the local level. Currently, work in South Africa on freshwater ecosystem services happens at a multitude of scales, in a multitude of settings for many different purposes. This session will bring together scientists from both freshwater and terrestrial domains to help identify key knowledge gaps and devise a strategic way forward for addressing these through both new projects and an alignment of existing projects.

08:30 – 10:30	<ul style="list-style-type: none"><li>• Ecological infrastructure and ecosystem services: an introductory overview, Tracey Cumming (SANBI)</li><li>• Mapping ecological infrastructure for conservation and restoration action, <b>Patick O'Farrell</b> (CSIR), David Le Maitre (CSIR), Greg Forsyth (CSIR), Pippin Anderson (UCT) &amp; Patricia Holmes (City of Cape Town)</li><li>• Ecosystem services focused decision support viewer, Piet Theron &amp; Willem van Riet (Transboundary Consulting Africa)</li><li>• Opportunities and challenges for mainstreaming ecosystem services in land-use planning in Eden, Nadia Sitas (CSIR &amp; Stellenbosch University)</li><li>• Freshwater ecosystem service mapping: concepts and examples from South Africa, <b>Jeanne Nel</b> (CSIR), Patrick O'Farrell (CSIR) and Nancy Job (Independent)</li><li>• Scaling down with a view to scale up: Using wetland types to assess sub-catchment ecosystem services, Nancy Job (Independent)</li><li>• South Africa's water supply areas: development of NFEPA High Water Yield Areas and future refinement needs, <b>Ashton Maherry</b> (CSIR), Jeanne Nel (CSIR) &amp; <b>Mark Botha</b> (Independent)</li></ul>
10:30 – 11:00	TEA

**Morning parallel sessions (11:00 – 12:30)**

**Parallel session 1: Mapping ecological infrastructure for ecosystem services: discussion session**

**Venue: Nombolo Mdhluli Conference Centre: Main Auditorium**

**Facilitators: Tracey Cumming and Mahlodi Tau**

**Description**

This discussion session follows on from the plenary session held before tea (see description above). The session will also include a discussion on a proposed Ecosystem Services Forum.

11:00 – 12:30	Discussion on mapping ecological infrastructure for ecosystem services
12:30 – 13:30	LUNCH

**Parallel session 2: Monitoring ecosystems**

**Venue: Breakaway Room 1**

**Facilitators: Heather Terrapon and Smiso Bhengu**

**Description**

"The world's population has increased 6 times over the past 200 years. It has doubled over the past 40 years. Air and water pollution, climate change, loss of species, soil erosion and salinization, desertification, loss of forest, and a range of other undesirable environmental alterations have accompanied this unprecedented increase in human numbers. While the rate of population growth is declining, human pressure on the environment will continue to increase as human standards of living and per capita consumption increase, and it is clear that a fundamental change must occur in the relationship between humans and the global ecosystem if we are to avoid highly undesirable environmental change. Development of a sustainable relationship between humans and the environment requires an understanding of, and respect for, both human needs and desires, and the structure and functioning of the world's ecosystems. Policies and resource management practices must be developed that sustain desired ecosystem conditions and functions. To ensure that these policies and practices are effective, the condition of the world's ecosystems must be monitored." *Kimmins, H. 2006. Ecosystem Monitoring. Encyclopedia of Environmetrics, University of British Columbia, Canada*

We can no longer afford to monitor in isolation, this session will include presentations commenting on the types monitoring that are happening in South Africa and how we as a group can build on this.

<b>Thursday 24 May 2012 continued</b>	
<b>Parallel session 2: Monitoring ecosystems</b>	
11:00 – 12:30	<ul style="list-style-type: none"> <li>Biodiversity monitoring at SANBI: Where are we at and where are we going, Heather Terrapon (SANBI)</li> <li>Relating a remote sensing based ecosystem intactness index to field observations, <b>Melanie Lück-Vogel</b>, Patrick O'Farrell &amp; Wesley Roberts (CSIR)</li> <li>How are our Critical Biodiversity Areas doing?, Kerry Maree (CapeNature)</li> <li>Putting biodiversity planning products to the test, <b>Genevieve Pence</b> (Independent), Heidi Hawkins (Conservation South Africa) &amp; Roseanne Stanway (Conservation South Africa)</li> </ul>
12:30 – 13:30	LUNCH
<b>Afternoon parallel sessions (13:30 – 15:30)</b>	
<b>Parallel session 1: Ecosystem services applications</b>	
<b>Venue: Nombolo Mdhuli Conference Centre: Main Auditorium</b>	
<b>Facilitator: Wilma Lutsch</b>	
<b>Description</b> This session is a continuation of the theme introduced in the previous two sessions before lunch on mapping ecological infrastructure for ecosystems services and includes a collection of submitted abstracts that deal with aspects of ecosystem services. The session also includes a presentation on bioclimatic modelling.	
13:30 – 15:30	<ul style="list-style-type: none"> <li>The economic contribution of ecosystem service in KZN, Steve McKean (EKZWN), <b>Debbie Jewitt</b> (EKZWN), Lehlohonolo Phadima (EKZWN) &amp; Myles Mander (Eco-Futures)</li> <li>Evaluating the dry-lands ecosystem services on Khomani San communal land and the possible implications on a Payment for Ecosystem Services scheme, <b>Johane Dikgang</b> (UCT) &amp; Edwin Muchapondwa (UCT)</li> <li>Planning and management failures in mitigating impacts on riparian systems: a case study from the Greater Mapungubwe Transfrontier Conservation Area, Bruce Page (Bruce Page &amp; Associates / UKZN)</li> <li>The use of bioclimatic modelling in predicting the relative invasion success of introduced acacias in southern Africa, <b>Rethabile Motloung</b> (University of Pretoria), Mark Robertson (University of Pretoria), Mathieu Rouget (University of Pretoria) &amp; John Wilson (CIB &amp; SANBI)</li> </ul>
15:30 – 16:00	TEA
<b>Parallel session 2: Provincial and local biodiversity planning initiatives and products</b>	
<b>Venue: Breakaway Room 1</b>	
<b>Facilitator: Mellisa Naiker</b>	
<b>Description</b> This session provides an opportunity for provinces and municipalities to present new and updated information related to their biodiversity planning processes. This will be an exciting session to attend as a number of new, revised and upcoming biodiversity plans and products will be presented.	
13:30 – 15:30	<ul style="list-style-type: none"> <li>The KZN 2012 Critical Biodiversity Areas Map, Boyd Escott (EKZWN)</li> <li>Limpopo Preliminary Biodiversity Conservation Plan, Lizanne Nel (LEDET)</li> <li>Report back on progress of the Free State Provincial Biodiversity Assessment, Nacelle Collins (FSDEDTEA)</li> <li>Lessons learnt during capacity building for Northern Cape Conservation Plan, Enrico Oosthuysen (DENC)</li> <li>Durban's fine scale systematic conservation plan: refining environmental planning at a local level, Cameron McLean (eThekweni Municipality)</li> </ul>
15:30 – 16:00	TEA
<b>Late afternoon parallel sessions (16:00 – 17:30)</b>	
<b>Parallel session 1: Technical innovations in biodiversity planning</b>	
<b>Venue: Nombolo Mdhuli Conference Centre: Main Auditorium</b>	
<b>Facilitator: Fahiema Daniels</b>	
<b>Description</b> This session includes a selection of presentations that address new approaches and methods developed with the aim of stimulating discussion on these evolving approaches and technical innovations in biodiversity planning.	

**Thursday 24 May 2012 continued**

**Parallel session 1: Technical innovations in biodiversity planning**

16:00 – 17:30	<ul style="list-style-type: none"> <li>• Sensitivity mapping and spatial planning inside Protected Areas : a modified approach, Donovan Kirkwood (CapeNature)</li> <li>• Investigating the impact of size and spacing constraints on Marine Protected Area network design, <b>Robert Smith</b> (University of Kent), Greg Vaughan (University of Kent), Juliette Delavenne (University of Kent), Sandrine Vaz (Ifremer), Stuart Harrop (Ifremer) &amp; Kristian Metcalfe (University of Kent)</li> <li>• An analysis of landscape connectivity of the grasslands biome of Mpumalanga using graph theory, <b>Louise Fourie</b> (University of Pretoria), Mathieu Rouget (University of Pretoria), Mervyn Lötter (MTPA)</li> <li>• Identifying viable clusters of forest patches to ensure forest persistence, Mervyn Lötter (MTPA)</li> <li>• Investigating the impacts of data quality on the species-area relationship approach for setting habitat targets in systematic conservation planning, <b>Kristian Metcalfe</b> (University of Kent), Juliette Delavenne (Ifremer) , Clément Garcia (Cefas), Aurélie Foveau (Ifremer), Jean-Claude Dauvin (Université de Caen Basse Normandie), Roger Coggan (Cefas), Sandrine Vaz (Ifremer), Stuart Harrop (University of Kent) &amp; Robert Smith (University of Kent)</li> </ul>
17:30 – 19:00	Networking opportunity / Informal discussion session
19:00	Dinner

**Parallel session 2: Information accessibility and sharing**

**Venue: Breakaway Room 1**

**Facilitator: Rudi Pretorius**

**Description**

This session includes a collection of presentations with the theme of providing access to and sharing spatial information. It starts with a presentation on the Spatial Data Infrastructure Act, an important presentation for those using spatial data. This will be followed by three presentations focusing on providing accessible information and on-line tools. The session will end with an opportunity for participants to provide feedback on BGIS's new mapping system.

16:00 – 17:30	<ul style="list-style-type: none"> <li>• Implications of the Spatial Data Infrastructure Act (Act 54 of 2003) for the Department of Environmental Affairs, Nicolene Fourie (DEA)</li> <li>• The Maputaland-Pondoland-Albany Hotspot: creating opportunities for information sharing and spatial collaboration, Kirsten Oliver, Brenda Daly &amp; Marie Paramon-Gurney (EWT)</li> <li>• Introduction to the African Conservation Registry, March Turnbull (MAPA Project)</li> <li>• Biodiversity GIS's new mapping system, Sediqa Khatieb (SANBI) followed by feedback session</li> </ul>
17:30 – 19:00	Networking opportunity / Informal discussion session
19:00	Dinner

**Informal discussion session (17:30 – 19:00)**

**GIS digitising with a pen on-screen (TBC)**

**Venue: Nombolo Mdhluhi Conference Centre: Main Auditorium**

17:30 – 19:00	This informal session by Donovan Kirkwood will demonstrate two products providing pen-based tablet digitising built-in to a computer display.
19:00	DINNER

**Friday 25 May 2012**

<b>Time</b>	<b>Venue: Nombolo Mdhuli Conference Centre: Main Auditorium</b>	<b>Venue: Breakaway Room 1</b>
08:30 – 10:30	Climate change adaptation and biodiversity planning	Implementation of biodiversity plans: challenges and opportunities
10:30 – 11:00	TEA	
<b>Time</b>	<b>Venue: Nombolo Mdhuli Conference Centre: Main Auditorium</b>	
11:00 – 12:30	Making the case for biodiversity workshop	
12:30 – 13:00	Evaluation, thanks and close of Forum, Wilma Lutsch (DEA) & Kristal Maze (SANBI)	
13:00	LUNCH	

**Friday 25 May 2012**

**Parallel session 1: Climate change adaptation and biodiversity planning**

**Venue: Nombolo Mdhluli Conference Centre: Main Auditorium**

**Facilitator: Vhalinavho Khavhagali**

**Description**

This session will highlight some of the climate change adaptation work that has been done over the last few year and the current thinking, approaches and methodologies used in incorporating climate change adaptation into biodiversity planning. The session provides an opportunity to learn from current biodiversity planning initiatives and discuss further approaches for incorporating climate change adaptation in biodiversity planning.

08:30 – 10:30	<ul style="list-style-type: none"> <li>Biodiversity and climate change: policy framework for response and vulnerability assessment report, Vhalinavho Khavhagali (DEA)</li> <li>How to incorporate spatially and temporally dynamic biodiversity information into a MARXAN analysis, Philip Desmet</li> <li>Incorporating climate change adaptation strategies into the Biodiversity Network analysis for the City of Cape Town, Patricia Holmes (City of Cape Town) &amp; Genevieve Pence</li> <li>Revising Mpumalanga's corridor network to allow for ecosystem-based climate change adaptation and the persistence of biodiversity, Mervyn Lötter (MTPA)</li> </ul>
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10:30 – 11:00	TEA
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**Parallel session 2: Implementations of biodiversity plans: opportunities and challenges**

**Venue: Breakaway Room 1**

**Facilitator: Kiruben Naiker**

**Description**

This session focuses on the implementation of biodiversity plans and tools and will highlight some of the opportunities created and challenges experienced. The aim of the session is to generate user feedback for biodiversity planners and fellow implementers to consider as they develop strategies to further implement biodiversity plans.

08:30 – 10:30	<ul style="list-style-type: none"> <li>Monitoring clearing of virgin veld in the Sandveld area and its implications for implementation, <b>Fahiema Daniels</b> &amp; Kagiso Mangwale (SANBI)</li> <li>Offshore Marine Protected Area (OMPA) implementations challenges and opportunities, Prideel Majiedt (SANBI)</li> <li>Misalignment in conservation planning products regarding the extent and classification of forest types within Nelson Mandela Bay: what are the implications for the environmental management and conservation of forest?, <b>Abigail Kamineth</b>, J.A. Miller &amp; N. Wessels (NMBM)</li> <li>Wild coast project conservation planning and implementation update and some key issues regarding landscape change, Derek Berliner &amp; Peter Tyldesley</li> <li>The perspective of Land Use Advisor as a Commenting Authority in land use management with regards to biodiversity, Benjamin Walton (CapeNature)</li> </ul>
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10:30 – 11:00	TEA
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**Plenary session: Making the Case for Biodiversity Workshop**

**Venue: Nombolo Mdhluli Conference Centre: Main Auditorium**

**Facilitators: Kristal Maze and Anthea Stephens**

**Description**

Over the last few years, SANBI and DEA have been involved in a process to ensure that biodiversity conservation messaging is framed in ways that resonate with government priorities. Phase 1 of the process resulted in the development of a report on Making the Case for Biodiversity which highlights the approach taken, the findings, and the messaging strategy developed. This workshop will delve into and debate some of the key findings of the process and discuss future phases of the work and taking the messaging strategy forward.

11:00 – 12:45	Workshop on making the case for biodiversity
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**Close of Forum**

12:45 – 13:00	Evaluation, thanks and close of Forum, Wilma Lutsch (DEA) and Kristal Maze (SANBI)
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13:00	LUNCH
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