Biodiversity of Africa – Observation and Sustainable Management for our Future!

International Congress, 29 Sep – 3 Oct 2008, organised by BIOTA AFRICA

Programme (Version 28th September 2008)

Day 1 – Monday 29th September 2008

Opening Ceremony &

Challenges for an African Biodiversity Observation Network serving the needs for conservation and sustainable use of biodiversity and its ecosystem services for human welfare

A Welcome addresses from the host country & BMBF

Facilitated by John **Donaldson**, RSA

Time	Title	Authors
10h00	Welcome address & opening notes: SANBI (Local South African Host)	Tanya Abrahamse (CEO of SANBI, South African National Biodiversity Institute)
10h20	Welcome address & opening notes: DST	Marjorie Pyoos and/or Chris Scheffer (DST, Department of Science and Technology, Pretoria, South Africa)
10h40	Welcome address & opening notes: DEAT	Fundisile Mketeni , Wadzi Mandivenyi (DEAT, Department of Environmental Affairs and Tourism, Pretoria, South Africa)
11h00	Welcome address & opening notes: BMBF	Hartmut Grübel (BMBF, Federal Ministry of Education and Research, Berlin, Germany)
	B Key lectures – Interna	tional stakeholder views
11h20	The use of biosphere reserves for the creation of a biodiversity observation network in Africa	Samy Mankoto (Chief of Section, Biosphere Networks and Capacity Building, UNESCO Headquarters, United Nations Educational, Scientific and Cultural Organization, Paris, France), Guy Broucke (UNESCO Office, Yaounde, Cameroon)
11h40	African strategies on biodiversity research and sustainability	Robert Kriger (NRF, ICSU)
12h00	IUCN strategies and Africa	Brice Sinsin (IUCN/WCPA West & Central Africa)
12h20	The shape of an emerging global biodiversity observation system	Robert Scholes (GEO BON, Group on Earth Observations Biodiversity Observation Network, Pretoria)
12h40	BIOTA/FAPESP – A Brazilian model for research programs on biodiversity charac-	Carlos Joly ((BIOTA FAPESP, Sao Paulo)

terization, conservation and sustainable use

Lunch 13h00-14h40

Parallel: Press conference at Helderberg Room (13h30-14h30)

C Key lectures from African countries, Biodiversity Networks and other institutions

Facilitated by K. Eduard Linsenmair, Germany

- 14h40 Monitoring biodiversity to aid decision making a SANBI perspective
- 15h00 Biodiversity and desertification in the Circum-Saharan Zone - The ROSELT/OSS experience
- 15h20 The need for a biodiversity observation network in Madagascar
- 15h40 Biodiversity monitoring Essential basis for nature conservation and natural resource management
- 16h00 Understanding long-term and large scale anthropogenic impacts on biodiversity
- 16h20 Environmental monitoring in the Okavango and the Kalahari
- 16h40 BIOTA AFRICA The concept and contribution of the BIOTA AFRICA network – Including an introduction into the format of the workshops and the BIOTA presentations during the subsequent days

John **Donaldson**, Guy **Midgley** (SANBI, South African National Biodiversity Institute)

Mourad **Briki** (OSS, Observatoire du Sahara et du Sahel, Tunis)

Guy Suzon **Ramangason** (General Director, ANGAP, Association Nationale de Gestion des Aires Protégées), Gerard **Rambeloarisoa** (General Director, Ministry for Environment, Forest and Tourism)

Morné Du Plessis (WWF, South Africa)

Johan C. **Pauw** (SAEON, South African Environmental Observation Network), Tim G. O'Connor, Nicky Allsopp, A.M. Swemmer, A.W. Paterson, J.C. Hermes

Cornelis **VanderPost** (HOORC, University of Botswana), Susan Ringrose

Norbert Jürgens (BIOTA AFRICA)

Tea & Coffee 17h00-17h30

Parallel: Stakeholder workshop – Introduction

Panel & plenary discussion

17h30 Opportunities for collaboration:
 -19h00 Biodiversity monitoring for sustainable management in Africa

Facilitator: Sem **Shikongo**, (MET, Ministry of Environment and Tourism, Windhoek, Namibia)

Welcome Party 19h30

Day 2 – Tuesday 30th September 2008

BIOTA AFRICA Topic 1: Towards an African Biodiversity Observation System

Chair: Beatrice Khayota, Dave Joubert

8h30Land cover and land use change assessments in BIOTA - in the framework of vegetation diversity mapping, global change in Africa and future perspectivesLandmann, Keil, Sabellek, Hüttich, Gessner, Le, Schmidt, Schaab, Lung, Weber, Lieckfeld, Oldeland, Sommer, Wegmann, Vlek, Yao, Dech, Strohbach, Jürgens8h50Spatial pattern analysis across Africa for a better understanding of biodiversity patterns using remote sensingWegmann, Magidi, Lung, Schaab, Krug, Knight, Sommer, Sabellek, Fahr, Herkt, Barnikel, Penner, Rödel, Keil, Landmann, Schmidt9h10Using remote sensing and expert knowledge to map landscape-level land degradation in South Africa and NamibiaWistebaar, Hoffman, Desmet, Rouget, Jonas, Lieckfeld, Gessner9h30Opportunities, challenges and limitations of species distribution models: Implications for decision-making in support of biodiversity conservation and sustainable land useHerkt, Barnikel, Fahr, Finckh, García Marquez, König, Oldeland, Penner, Rödel, Schmidt, Sommer, Wegmann9h50Environmental history of land use and climatic impacts on the vegetation of the western part of southern Africa over the last 200 yearsHoffman, Rohde, Jürgens10h10Standardised Biodiversity Observatories – Results and future challengesJürgens, Augustin, Büdel, Deutschewitz, Dojani, Donaldson, Esler, Finckh, Goetze, Hahn-Hadjali, Kongor, Koulibali, Fischer, Petersen, Porembski, Rambold, Schmidt, Schmiedel, Sinsin, Strohbach, Thiombiano, Wägele, Weber, Zizka	Remote sensing		
better understanding of biodiversity patterns using remote sensingSommer, Sabellek, Fahr, Herkt, Barnikel, Penner, Rödel, Keil, Landmann, Schmidt9h10Using remote sensing and expert knowledge to map landscape-level land degradation in South Africa and NamibiaWistebaar, Hoffman, Desmet, Rouget, Jonas, Lieckfeld, Gessner9h30Opportunities, challenges and limitations of species distribution models: Implications for decision-making in support of biodiversity conservation and sustainable land useHerkt, Barnikel, Fahr, Finckh, García Marquez, König, Oldeland, Penner, Rödel, Schmidt, Sommer, Wegmann9h50Environmental history of land use and climatic impacts on the vegetation of the western part of southern Africa over the last 200 yearsHoffman, Rohde, Jürgens10h10Standardised Biodiversity Observatories Results and future challengesJürgens, Augustin, Büdel, Deutschewitz, Dojani, Donaldson, Esler, Finckh, Goetze, Hahn-Hadjali, Kongor, Koulibali, Fischer, Petersen, Porembski, Rambold, Schmidt, Schmidt, Schmidel, Sinsin, Strohbach, Thiombiano,	8h30	assessments in BIOTA - in the framework of vegetation diversity mapping, global	Le, Schmidt, Schaab, Lung, Weber, Lieckfeld, Oldeland, Sommer, Wegmann, Vlek, Yao,
knowledge to map landscape-level land degradation in South Africa and NamibiaLieckfeld, GessnerSpatial biogeographical patternsLieckfeld, Gessner9h30Opportunities, challenges and limitations of species distribution models: Implications for decision-making in 	8h50	better understanding of biodiversity	Sommer, Sabellek, Fahr, Herkt, Barnikel,
9h30Opportunities, challenges and limitations of species distribution models: Implications for decision-making in support of biodiversity conservation and sustainable land useHerkt, Barnikel, Fahr, Finckh, García Marquez, König, Oldeland, Penner, Rödel, Schmidt, Sommer, Wegmann9h50Environmental history of land use and climatic impacts on the vegetation of the western part of southern Africa over the last 200 yearsHoffman, Rohde, JürgensStandardised Biodiversity Observatories Results and future challengesJürgens, Augustin, Büdel, Deutschewitz, Dojani, Donaldson, Esler, Finckh, Goetze, Hahn-Hadjali, Kongor, Koulibali, Fischer, Petersen, Porembski, Rambold, Schmidt, Schmidel, Sinsin, Strohbach, Thiombiano,	9h10	knowledge to map landscape-level land	
of species distribution models: Implications for decision-making in support of biodiversity conservation and sustainable land useKönig, Oldeland, Penner, Rödel, Schmidt, Sommer, WegmannReconstruction of recent historyHoffman, Rohde, Jürgens9h50Environmental history of land use and climatic impacts on the vegetation of the western part of southern Africa over the last 200 yearsHoffman, Rohde, JürgensStandardised Biodiversity Observatories Results and future challengesJürgens, Augustin, Büdel, Deutschewitz, Dojani, Donaldson, Esler, Finckh, Goetze, Hahn-Hadjali, Kongor, Koulibali, Fischer, Petersen, Porembski, Rambold, Schmidt, Schmiedel, Sinsin, Strohbach, Thiombiano,	Spatial	biogeographical patterns	
 9h50 Environmental history of land use and climatic impacts on the vegetation of the western part of southern Africa over the last 200 years Standardised Biodiversity Observatories 10h10 Standardised Biodiversity Observatories – Results and future challenges Jürgens, Augustin, Büdel, Deutschewitz, Dojani, Donaldson, Esler, Finckh, Goetze, Hahn-Hadjali, Kongor, Koulibali, Fischer, Petersen, Porembski, Rambold, Schmidt, Schmiedel, Sinsin, Strohbach, Thiombiano, 	9h30	of species distribution models: Implications for decision-making in support of biodiversity conservation and	König, Oldeland, Penner, Rödel, Schmidt,
climatic impacts on the vegetation of the western part of southern Africa over the last 200 years Standardised Biodiversity Observatories 10h10 Standardised Biodiversity Observatories – Results and future challenges Jürgens, Augustin, Büdel, Deutschewitz, Dojani, Donaldson, Esler, Finckh, Goetze, Hahn-Hadjali, Kongor, Koulibali, Fischer, Petersen, Porembski, Rambold, Schmidt, Schmiedel, Sinsin, Strohbach, Thiombiano,	Reconst	ruction of recent history	
10h10 Standardised Biodiversity Observatories – Results and future challenges Jürgens , Augustin, Büdel, Deutschewitz, Dojani, Donaldson, Esler, Finckh, Goetze, Hahn-Hadjali, Kongor, Koulibali, Fischer, Petersen, Porembski, Rambold, Schmidt, Schmiedel, Sinsin, Strohbach, Thiombiano,	9h50	climatic impacts on the vegetation of the western part of southern Africa over the	Hoffman, Rohde, Jürgens
Results and future challenges Dojani, Donaldson, Esler, Finckh, Goetze, Hahn-Hadjali, Kongor, Koulibali, Fischer, Petersen, Porembski, Rambold, Schmidt, Schmiedel, Sinsin, Strohbach, Thiombiano,	Standar	dised Biodiversity Observatories	
	10h10		Dojani, Donaldson, Esler, Finckh, Goetze, Hahn-Hadjali, Kongor, Koulibali, Fischer, Petersen, Porembski, Rambold, Schmidt, Schmiedel, Sinsin, Strohbach, Thiombiano,

Tea & Coffee 10h30-11h10

Parallel: Stakeholder workshop – NGO work (10h45-13h00)

Topic 1 (cont.)

Bringing drivers of change into the observation system: Climate change and soil
fertility

11h10	Regional climate simulations for the BIOTA South region – Model performance and first results of future climate projections	Hänsler, Hagemann, Jacob
11h30	Observation of abiotic site properties: Results for biodiversity and implications for monitoring	Petersen, Gröngröft, Schmiedel, Jürgens

Genetic diversity and methodological improvement

- 11h50 Rapid species identification Future tools **Oyieke**, Wägele for large scale monitoring
- 12h10 Summary and vision: Measuring the **Jürgens** change of biodiversity, current state, user needs and future challenges

BIOTA AFRICA Topic 2: Process Analysis

Chair: Karen Esler, Katrin Böhning-Gaese

- 12h30 Drivers and function of soil diversity in savannas and tropical forests
- 12h50 Mechanisms of vegetation change: Ecological transition zones sensitive to global change in South and West Africa

Dalitz, Fey, Gliniars, Graiff, Gröngröft, Grohmann, Herpel, Kaiser, Linsenmair, **Mills**, Musila, Oesker, Petersen, Siegle, Todt

Shiponeni, Goetze, Hennenberg, Kersting, Allsopp, Carrick, Porembski, Hoffman

Lunch 13h10-14h40

Topic 2 (cont.)

Blaum, Rossmanith, Lohmann, Meyfarth, 14h40 From land use to vegetation and biodiversity changes - Linking models Schwager, Domptail, Nuppenau, Geßner, Keil, and data Gröngröft, Jeltsch 15h00 The influence of land use change on the Koenig, Thiombiano, Hahn-Hadjali, Schmidt, distribution of plant species in North and Wittig, Augustin, Finckh, Agbani, Agonyssa, West African dry lands Sinsin 15h20 Effects of forest fragmentation and Schleuning, Farwig, Althof, Berens, Bergsdorf, disturbance on biodiversity and Bleher, Brenner, Dalitz, Fischer, Fischer, ecosystem functions in an African Freund, Gikungu, Gliniars, Hagen, Hita Garcia, rainforest Kaib, Kirika, Kraemer, Kraus, Kühne, Lung, Malombe, Mitchell, Musila, Peters, Schaab, Theisen, Todt, Uster, Wägele, Yeshitela, Böhning-Gaese 15h40 From field findings on biodiversity to Lung, Peters, Farwig, Sajita, Böhning-Gaese, landscape-scale distributions and change Schaab over time – Ants and birds in Kakamega Forest 16h00 Krug, Cabral, Esler, Grant, Horn, Heelemann, Fragmented landscape management: Integrating and implementing ecological Kieck, Kongor, Meyer, Vrdoljak, Reisch, research across taxa and scales Samways, Schurr, Sharma, Poschlod 16h20 Effects of experimental climate Musil, Nyaga, Matimati manipulations on soil and vegetation dynamics in the South African succulent karoo biome Parallel: Stakeholder workshop – Conservation work (14h45-17h15)

Tea & Coffee 16h40-17h10

	Topic 2 (e	cont.)
17h10	Monitoring of biophysical and climatological drivers and the impact of climate change on ecosystem functions in West Africa	Falk , Landmann, Kunstmann, Szarzynski, Schmidt
17h30	Impact of climate change on plant and bird diversity in Africa	Barthlott , Böhning-Gaese, Field, Finckh, Heyder, Kissling, Korntheuer, Oldeland, Sabellek, Sommer
17h50	Summary and vision: Understanding and modelling ecosystem processes and functions: Current state and future challenges	Jeltsch , Boehning-Gaese, Sommer, Blaum, Rossmanith, Tietjen, Meyfarth, Groengroeft, Simmons, Lohmann et al.

18h10-19h10

Workshop: Improving the current impact, application and DSS based on monitoring products: First meeting

Congress Dinner 19h30

Day 3 – Wednesday 1st October 2008

CoCE – Coffee Project

Chair: Franz Gatzweiler

application

8h30	CoCE - Conservation and use of the wild populations of <i>Coffea arabica</i> in the montane rainforests of Ethiopia	Denich, Gole, Gatzweiler, Balcha, Vlek
8h50	Genetic diversity of wild coffee and its implications for conservation	Tesfaye , Senbeta, Oljira, Balemi, Govers, Bekele, Borsch
9h10	Ecophysiology and quality of wild Arabica coffee from afromontane rainforests of Ethiopia and their relationships with environmental conditions	Yadessa , Beining, Kufa, Goldbach, Fetene, Burkhardt
9h30	Using the economic value of forest coffee for forest conservation	Stellmacher, Gatzweiler, Haile, Seyoum
9h45	Contributions of the Ethiopian Coffee Forest Forum to the conservation of coffee forests in Ethiopia	Gole , Senbeta, Moll, Zander, Gatzweiler, Denich, Kelbessa, Adugna, Dalle, Hedden- Dunkhorst
	Cuvette Central –	Congo Project
10h00	Medicinal plant use for biodiversity conservation: From tradition to modern	Muganza, Mato, Bikandu, Lassa, Lukoki, Fruth

Parallel 8h30-10h30:

Workshop: Improving understanding and predictability of change of biodiversity by integrating observation, experiments and modelling

Tea & Coffee 10h30-11h10

Microbial diversity – Microbiology Project

Chair: Percy M. Chimwamurombe

- 11h10 Functional diversity and impact of mostly novel nitrogen-fixing bacteria associated with wild plants and crops from Northern regions of Namibia
- 11h30 The diversity and activity of bacterial communities in Namibian semiarid savanna soils – Anthropogenic determinants and feedback loops
- 11h50 Diversity of *Acidobacteria* in Namibian soils and novel methodological developments in microbial ecology
- 12h10 Impact of land use and soil properties in the Kavango-region of Northern Namibia on N₂O emissions and denitrifier communities

Burbano, Bahulikar, Demba-Diallo, Hurek, **Reinhold-Hurek**

Zul, Fösel, Romann, Mayer, Overmann

Pester, Rappl, Starke, Baranyi, Wagner, Ludwig, Loy

Hannig, Gröngröft, Conrad, Braker

BIOTA AFRICA Topic 3: Land Use, Impact and Value

Chair: N.N.

- 12h30 Land use and climate changes in West Africa: Dynamics of forest and savanna vegetation
- 12h50 Mountains, mining, and threatened species – A deadly cocktail for the longterm conservation of a global biodiversity hotspot

Goetze, Hennenberg, Koulibaly, Orthmann, Schöngart, Sinsin, Traoré, Worbes, Porembski

Fahr, Barnikel, García-Márquez, Hillers, Kalko, Penner, Schmidt, Sommer, Wegmann, Rödel

Lunch 13h10-14h40

Parallel 13h30-14h30:

Book launch: Biodiversity and the ancestors: Challenges to customary and environmental law - Case studies from Namibia

Topic 3 (cont.)		
14h40	Species interactions and ecosystem services: Land use, seed dispersal and vegetation dynamics	Kalko , Berens, Böhning-Gaese, Djossa, Eshiamwata, Fahr, Farwig, Kirika, Schleuning, Ebigbo, Sinsin
15h00	The bee diversity of Kakamega Forest: Influence of habitat fragmentation and succession	Gikungu, Hagen, Hasenbein, Kraemer
15h20	Influence of habitat degradation on African ant and termite communities	Peters , Brandl, Fischer, Grohmann, Hausberger, Hita Garcia, Kagezi, Kaib, Kaiser, Konaté, Korb, Linsenmair, Reichmann, Wägele
15h40	Deforestation and biodiversity-loss due to cultivation? An interdisciplinary analysis in North-East Namibia	Falk, Gröngröft, Hecht, Hinz, Kangombe, Keil, Petersen, Pröpper, Strohbach, Wisch
16h00	Cost-benefit analysis of different management approaches of Kakamega Forest in Kenya	Guthiga , Holm-Mueller, Mburu, Kasina, Kraemer

16h20	Spatiotemporal availability and management obstacles of pastoral ressources in the transhumance system of the Mgoun region, Southern Morocco	Yessef, Finckh, Augustin, Akasbi
16h40	Species interactions and population patterns of Moroccan steppe vegetation under grazing pressure and under exclusion of land use	Augustin, Finckh

Tea & Coffee 17h00-17h20

1. Poster Session 17h20-19h00

Parallel 18h00-19h30

Workshop: Improving availability of data on land use change

Day 4 – Thursday 2nd October 2008

Topic 3 (cont.)		
8h30	Applying bio-economic models and trust games for rangeland management and conservation under uncertainty	Domptail, Prediger , Vollan, Kirk, Nuppenau, Popp, Pröpper
8h50	The road ahead / Thoughts and contributions from all	Hoffman

BIOTA AFRICA Topic 4: Interventions

Chair: Michael K	(irk
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9h10	Cross-taxon patterns of biodiversity, land cover, and protected areas in West Africa	García Márquez , Barnikel, Barthlott, Da, Dressler, Fahr, Herkt, Janssen, Kalko, König, Landmann, Linsenmair, Penner, Rödel, Schmidt, Schmidt, Sommer, Thiombiano, Wegmann, Zizka
9h30	Restoration of degraded soils in Burkina Faso	Ouédraogo , Hahn-Hadjali, Kaiser, Konaté, Linsenmair, Soulama, Thiombiano
9h50	BIOTA involvement in the participatory forest management of Kakamega Forest, aiming at a zonation map	Mitchell , Fischer, Freund, Gaesing, Hagen, Kraemer, Oesker, Peters, Wägele, Wünscher, Schaab
10h10	Tools developed for use in biodiversity research and management related to East African rainforests	Schaab , Böhning-Gaese, Dalitz, Fischer, Freund, Gaesing, Holstein, Kraemer, Lampe, Mussgnug, Peters, Rietdorf

Tea & Coffee 10h30-11h10

Parallel: Stakeholder workshop – Sustainable use (10h45-13h30)

Topic 4 (cont.)

11h10 Participatory research with some Namibian farmers to improve ecological functioning **Zimmermann**, **Shamathe**, Pringle, Tjilumbu, Liyemo, Muheua, Kauatjirue

11h30	From science to action: The
	implementation of "Locally Protected
	Areas" (LPAs) for biodiversity
	conservation

- 11h50 Developing a decision support system for the management of semi-arid savannas in Namibia (progress and lessons learnt)
- 12h10 Approaches to reconcile biodiversity conservation with the need to improve rural livelihoods
- 12h30 Institutions and policies for better management of natural resources in Namibia
- 12h50 Ecosystem services, landscapes and concepts for biodiversity protection: A "Pan-African" policy perspective

Hahn-Hadjali, Wieckhorst, Sinsin, Thiombiano

Joubert, Zimmermann, Fendler, Winschiers

Becker, **Gaesing**, Kappel, Mussgnug, Rietdorf, Schmidt-Kallert, Wünscher

Domptail, **Falk**, Hinz, Kirk, Popp, Unanivi, Muhongo, Namwoonde, Mapaure

Falk, Gaesing, Goetze, Hahn-Hadjali, **Kirk**, Nuppenau, Rietdorf, Schareika, Schmid-Kallert, Wünscher

Lunch 13h10-14h40

BIOTA AFRICA Topic 5: Capacity Development and Data Centres

Chair: Nicky Allsopp

14h40	Capacity development and knowledge exchange in BIOTA AFRICA: A capacity to build capacity project	Sinsin
15h00	Passing on biodiversity data to decision makers and the public for sustainable land use planning and education. Examples from Morocco and West Africa	Kampmann, Koenig, Finckh
15h20	Creating enabling frame conditions for land user-scientist communication	Koelle, Kotze
15h40	Researcher-land user linkage: The para- ecologists in BIOTA AFRICA	Schmiedel , Christiaan, Dausas, Isaacks, Kooitjie, Kotze, Lot, Mukuya, Pieters , Todt, Dalitz, Analo
16h00	Paving the road for pollinator conservation in Kenya	Kinuthia, Gikungu, Hagen, Kraemer
16h15	The Zaï system: A West African traditional soil restoration system based on termite activity	Kaiser, Konaté , Linsenmair
16h30	Awareness raising film project on illegal logging in Northern Namibia	Mukuya, Pröpper

Tea & Coffee 16h40-17h10

2. Poster Session 17h10-18h50

Parallel 18h00-19h30

Workshop: Improving the current impact, application and DSS based on monitoring products: Second meeting

Day 5 – Friday 3rd October 2008

Topic 5 (cont.)

Chair: Wolfgang Wägele			
8h30	Biodiversity data nodes – Digitization and integration of biodiversity data	Schmidt, Thiombiano , Dressler, Finck, Janssen, Jürgens, Khayota, Konaté, Muche, Schmiedel, Sinsin, Zizka	
8h50	BIOTA AFRICA biodiversity data nodes in Germany	Muche	
9h10	Transdisciplinary approaches in documentation of biodiversity	Lampe	
9h30	Capacity development and data centers: Conclusions and visions	Khayota, Lampe	
Report from workshops			
9h50	Impact & application of science products	N.N.	
10h00	Integrating observation, experiments and modelling	N.N.	
10h10	Stakeholder	Shikongo, Moll	
Tea & Coffee 10h30-11h10			

11h10-13h10:

Presentations and discussions:

Market of new opportunities: Potential new partners and topics

Facilitated by Norbert Jürgens, Germany

11h10	Needs and assets for biodiversity observation systems in Madagascar as a basis for sustainable land use management and conservation of ecosystem functions and services	Guy Suzon Ramangason , (ANGAP), Gerard Rambeloarisoa (Ministry for Environment, Forest and Tourism), Jörg Ganzhorn (University of Hamburg)
11h25	Namibia in the context of the Environmental Long-Term Observatories Network of Southern Africa (ELTOSA)	Johannes Henschel (Gobabeb, NaEON)
11h40	Biodiversity and sustainable land management in relation to climate change	Paula Francisco Coelho (Ministry of Urbanism and Environmental Affairs, Angola), Lucas Miranda (Ministry of Urban Affairs and Environment, Angola), Domingos Lucano (Ministry of Agriculture and Rural Development, Angola)
11h55	The WWF programme in Africa	Harrison Kojwang (WWF, Harare)
12h05	A 27 year-old observatory in the Sahel savanna of N Senegal – Design, present results, chances and limitations for long- term biodiversity monitoring	Sabine Miehe (University of Marburg), Jürgen Kluge, Heike Culmsee
12h15	Stakeholder dialogue as a strategic component of scientific research on land use issues – The example of farmer- cheetah conflict in Namibia	Bettina Wachter (Leibniz Institute for Zoo and Wildlife Research, Berlin), J. Melzheimer, S. Thalwitzer, J. Lonzer, S. Streif, H. Hofer
12h25	Towards conservation: Baseline data, skills and changing perceptions	Tharina Bird (EduVentures, Namibia)

12h35 Discussion

- 13h10

Lunch 13h10-14h40

14h40-16h40

Final discussion: (1) Strength and weaknesses of today, (2) The road ahead for BIOTA: (a) themes and (b) cooperation format

Facilitated by Brice Sinsin, Benin and Timm Hoffman, South Africa

16h40 End of congress