



Relaunching the GOFC-GOLD Miombo Network:

***Building a scientific platform to address land use
and land cover changes in the Miombo
woodlands of southern Africa***



Miombo Network

Contextualization

- One of the Global Observation of Forest and Land Cover Dynamics (GOFC-GOLD) Regional Networks;
- Founded in 1995 by a group of regional and International scientists (Paul Desanker, Almeida Siteo, Dominick Kwesha, Pius Yanda, Manuel Ferrão, Hank Shugart, among others)
- **Focus:** Land use and Land cover of miombo woodlands of southern Africa
- Inactive since ~2005

The banner features the text "Miombo Network" in a large, light blue, sans-serif font. The text is centered over a collage of six small images: a forest scene, a person's face, a group of people on a road, a close-up of a person's face, a group of people, and a landscape with a large tree.

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Meeting objectives:

- To review the GOFC-GOLD Miombo Network goals;
- To review and up-date the Miombo Network science plan;
- To explore the role of the network in developing regional monitoring and research expertise for REDD+ monitoring
- 2012 GOFC-GOLD Data Training Initiative : Distribution of LANDSAT data
- To Discuss the MN governance



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Day 1: Tuesday, 23 July, 2013

OPENING SESSION:

08:00 - 08:30	Arrival and Registration at Kaya Kwanga
08:30 – 10:00 Including Q & A	Welcome remarks Emilio Tostão (Dean of the Faculty of Agronomy and Forestry) Simão Pedro Santos Joaquim (Head of National Directorate of Land and Forestry, DNTF) Ana Mondjana (Vice-rector for Academic Affairs UEM)
	Objectives and Agenda of the Meeting Natasha Ribeiro
	GOFC-GOLD Background and Land Cover Brice Mora - GOFC Land Cover University Wageningen
	The History of the Miombo network Paul Desanker/Dominick Kwesha – UNFCCC Bonn Germany/Green Resources
10:00_10:10	Group Photo
10:10 - 10:30	Tea/Coffee Break



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SESSION 1:

MIOMBO WOODLANDS — COUNTRY STATUS

10:30 – 12:30 Including Q & A	Mozambique Regina Cruz – IUCN
	Tanzania Alfan Rjia/ Lawrence Mwambo - Sokoine University/ TAFORI
	Malawi Judith Kamoto/David Nagoma – Bunda College
12:30 – 13:30	Lunch
13:30 – 15:30	Zambia Stephen Syampungani – Cooperbelt University
	Zimbabwe Isla Grundy – University of Zimbabwe
	Angola Virginia Lacerda – José Eduardo dos Santos University
	Plenary Discussion – Common challenges of Miombo woodland management: Research and Management needs
15:30 – 16:00	Tea/Coffee Break
16:00 -17:00 Including Q & A	SADC Forestry, REDD and Fire Programme Moses Chakanga –SADC Natural Resource & Wildlife Management
19:00	Reception Dinner



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Day 2: 24 July, 2013

SESSION 2 CONTINUE:

MONITORING OF MIOMBO WOODLANDS

08:00 – 10:00 Including Q & A	Africa-wide land cover extent and change mapping with Landsat Matt Hansen – University of Maryland (UMD)
	Landsat satellites, data access and the Landsat Science Team David Roy –South Dakota State University (SDSU)
	The correspondence of Miombo vegetation to high rainfall savanna in Australia - an analysis of climatic drivers, fire patterns and tree life histories across two continents Sally Archibald – CSIR South Africa
	Fire Monitoring in Southern Africa Riaan van den Dool – CSIR South Africa
10:00 – 10:30	Tea/Coffee Break



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SESSION 3

MEASURING CARBON STOCKS AND REDD

<p>10:30 – 12:30</p> <p>Including Q & A</p>	<p>Overview on REDD+ and the GOFC-GOLD REDD+ and Sourcebook activities</p> <p>Brice Mora – University of Wageningen</p>
	<p>Proposed research and analysis for assessing REDD+ opportunities in Southern Africa</p> <p>Maria Pereira - Wageningen agricultural university</p>
	<p>Development of Sustainable National Forest Resource Information Platform for Monitoring REDD+</p> <p>Joaquim Macuácuá – Department of Natural Resources/DNTF</p>
	<p>Challenges and possibilities of remote sensing-based Miombo woodland inventories for forest management and REDD⁺</p> <p>Jonas Franke- Remote Sensing Solutions, Germany</p>
<p>12:30 - 13:00</p>	<p>Plenary Discussion - main topics extracted</p>
<p>13:00 – 14:00</p>	<p>Lunch</p>



SESSION 3: MEASURING CARBON STOCKS AND REDD CONTINUE

14:00 – 15:30	Carbon stocks and REDD+ in Miombo Woodlands Iain McNicol – University of Edinburgh
	Communities in the development of sub-national MRVs: do they really matter? Kaala Moombe- CIFOR
	Future fire carbon emissions in Miombo woodlands Fernando Sedano – University of Maryland
	Mapping fire regime in the Niassa National Reserve (2000 to 2012) Arménio Cangela/Natasha Ribeiro –FAEF/UEM
15:30 – 16:00	Tea/Coffee Break
16:00 – 17:00	Funding Fire Management - REDD Potential in Miombo Woodlands Robin Beatty - 321Fire
	Plenary Discussion – main topics extracted



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Day 3: 25. July 2013

SESSION 4: ROADMAP DEVELOPMENT TOWARDS SCIENCE PLAN

08:30 – 8:45

Presentation and discussion of the draft Miombo Network Science Plan

Natasha Ribeiro

8:45 – 10:00

Breakout groups

10:00 – 11:00
Including Q&A

Report back to Plenary

Tea/Coffee Break included



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SESSION 5

NETWORKING IN SOUTHERN AFRICA AND FIELDS OF COOPERATION

11:00 – 12:30	<p>Southern Africa Fire Network –SAFNet: Goals and common fields of cooperation Miombo</p> <p style="text-align: center;">Navashni Govender</p>
	<p>Southern African Science Service Centre for Climate Change and Adaptive Land Management (SASSCAL): Aims and potentials for collaborations</p> <p style="text-align: center;">Joerg Helmschrot – SASSCAL</p>
	<p>OSFAC - Observatoire Satellitale des For d'Afrique Centrale - Activities and ongoing projects</p> <p style="text-align: center;">Landing Mane</p>
	<p>GOFC-GOLD Data training initiative</p> <p style="text-align: center;">David Roy – GOFC-GOLD</p>
12:30 - 13:00 Including Q&A	<p>Plenary discussion</p>
13:00 -14:00	<p>Lunch</p>



SESSION 6

MIOMBO NETWORK GOVERNANCE

14:00- 15:00	Network governance and election of steering committee Natasha Ribeiro
15:00 – 15:30	Evaluation of the meeting Closing Romana Bandeira – Head of the Forest Engineering Department
15:30 – 16:30	Miombo Network steering committee meeting Maputo City tour for the remaining participants who are not in the SC

Organizing Committee

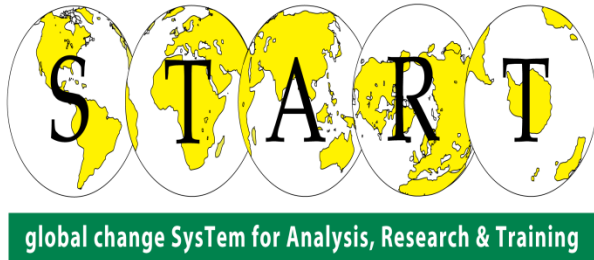
- **International:**

- Natasha Ribeiro (Eduardo Mondlane University),
- Dominick Kwesha (Green Resources),
- Hank Shugart (University of Virginia),
- Olga Krankina (Oregon State University),
- David Roy (University of South Dakota) ,
- Anja Hoffmann (GOFC Fire IT),
- Casey Ryan (University of Edinburgh)

- **Local:**

- Natasha Ribeiro
- Romana Bandeira
- Aniceto Chaúque,
- Faruk Mamugy,
- Jone Júnior,
- Adélia Chavane

Funding Sources



Establishment of a suitable fire monitoring and plan for the sustainable management of Miombo Woodlands in Niassa National Reserve Northern Mozambique (**GRANT NO:** RU2010GRG23) – coordinated by: Natasha Ribeiro