



Toward a biophysical carbon accounting in Africa and perspectives for REDD and CDM

*Pointe-Noire (Republic of Congo)
17-19 March 2010*

Tentative Agenda (titles and names to be confirmed)

PROGRAMME Wednesday, 17 March 2010

Registration and Welcome Cocktail
08.00-08.45

Welcome address
Welcome from European Commission (A. Kentarchos)
Welcome from Congo
The CarboAfrica Project (R. Valentini)

10.00 – Coffee Break

Key note speeches on Africa and Global Carbon Cycle

Round Table on Africa and Global Change
Chair Riccardo Valentini
1 EU representative, 1 FAO, 1 UNEP, 1 UNDP, 1 WorldBank, 1 UNFCCC

12.30 Lunch

Terrestrial Carbon Observations in Africa and Ecosystem fluxes

14.00 3/4 Presentations

- **Title will be added later** (Kutsch W.)
- **Effects of topography, soil water and soil temperature on soil respiration in a semi-arid savanna ecosystem** (Mantlana B.)
- **Evaluating the use of commercial forest inventory data for aboveground biomass estimates in a REDD+ context** (Maniatis D.)
- **Carbon, water and energy fluxes in a West African humid tropical ecosystem** (Balogun A.)

15.00 – Coffee Break

Soil and Vegetation: Carbon and GHGs emissions in Africa

15.30 3/4 Presentations

- **Adoptable Technique(s) for Managing Ghanaian Saline Soils (ASamoah A.)**
- **Determinants of Africa's interannual vegetation variability with Climate, Vegetation type and Soil as interacting factors (Weber U.)**

17.00 – Close of the first day

19.00 – Conference Dinner?

PROGRAMME

Thursday, 18 March 2010

Soil and Vegetation: Carbon and GHG emissions in Africa (continuation)

08.00

- **Assessing forest structure and biomass from canopy aspect analysis on metric resolution remotely-sensed images (Couteron P.)**

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9.30 – Coffee Break

Biogeochemical Modelling

3/4 Presentations

- **Estimating GPP for Africa - satellite or ecosystem model? (Ardö J.)**

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12.30 – Lunch

Impact of vegetation fires on African GHG budget

14.00 3/4 Presentations

- **Impacts of wildfires on the forests in Zambia; Climate change vulnerability on the forest sector in Zambia (Siampale A. M.)**
- **A comparison of active fire detection and burned area mapping from satellite in the Congo basin (Balzter H.)**
- **Apport de la Télédétection et du SIG dans la gestion des feux de brousse au Togo (KOMBATE Y.)**
- **A statistical burned area model for the use in dynamic vegetation models (Veiko L.)**

15.00 – Coffee Break

Poster Session

15.30 Students will be invited to present their works (relevant to the conference) on posters.

- **Using satellite radar to map biomass (Mitchard E.)**
- **Carbon fluxes in mangrove forests (lang'at Joseph)**

- **Capabilities and Limitations of Landsat and Land Cover Data for Aboveground Woody Biomass Estimation of Uganda (Avitabile V.)**
- **Dynamic of carbon dioxide vapour exchanges between the atmosphere and terrestrial's systems (farrow, crop, forest) in south saharian zone of West Africa (AGO E. E.)**
- **Soil carbon in miombo woodland has large spatial variability (Woollen E.)**
- **Carbon sequestration and greenhouse gases release in the shea butter (*Vitellaria paradoxa*) and locust tree (*Parkia biglobosa*) traditional agroforestry system in the sudanian zone of Benin (Dossa E.)**

17.00 – Close of the second day

PROGRAMME

Friday, 19 March 2010

Carbon sequestration and reduced emissions potentialities in Africa

08.00 3/4 Presentations

- **Implementation of a small-scale sub-national REDD project in Western Uganda: Abalinda Ebihangwa (Elliott L.)**
- **The Kamuku national park in Nigeria: a potential greenhouse gas investment as a catalyst for conservation and development (Bako Matazu M.)**
- **Title will be added later (Saint-Andre L.)**
- **Forest carbon finance: potential and challenges for Nigeria (Muhaamed M.)**

12.00 – Lunch

Demonstration projects and developing capacities in Africa

13.30 3/4 Presentations

- **Root plasticity of 2 eucalypt clones under drought conditions in Congo (Jourdan C.)**
- **Our Ecosystems: A map tool for sharing (Woodhouse I.)**
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15.30 – Final remarks

16.00 – Conference closure
