

Alain Ndonga Nzey

48 years old, Congolese (DRC)

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**SKILLS***** Environment management**

- Infrastructures protection using bioengineering technics such as vetiver system
- Erosion control and prevention using vetiver system as bioengineering technics
- Vulgarization, training and capacity building of local communities on environmental issues (Land degradation and protection, Ecosystem preservation and restoration, Global Climate Change and Global Warming)
- Environmental impact assessment of project
- Environmental and social management plan design and assessment

*** Project design and management in developing countries**

- Identification, formulation, implementation, monitoring and evaluation of projects in developing countries

PROFESSIONAL EXPERIENCE**• From September 2014 to September 2015: Consultant at UNEP (United Nations for Environment Program) for GIRE-LUKAYA Project at Kinshasa****Job description:**

- Methodologies development for Eco-DRR (Ecosystem-based disaster risk reduction) using bioengineering technics for erosions control in Lukaya watershed
- Communities capacities building on using Vetiver Grass System for erosion control and river bank protection
- Implementation and monitoring of Vetiver demonstration for erosion control and river bank protection

• From February-to August 2013: Consultant at FEMISA INTERNATIONAL, Kmpala-Ouganda office.**Job description:**

- Training on Vetiver Grass System for road embankment protection
- Implementation and monitoring of Vetiver demonstration for slope stabilization and erosion control on road embankment

• From January 2008 to May 2015: Consultant for infrastructures and environment protection at Egis- International,

(i) Pointe-Noire Agency /Republic of Congo: Highway project.

(ii) Brazzaville Agency/ Republic of Congo : Erosion control project

(iii) Kinshasa Agency/DR Congo: PMURR/PMIF/12-02 Word Bank project (from January 2008 to October 2009)

Job description:

- Planning and supervising vetiver's nurseries along Pointe Noire-Brazzaville Highway project
- Identification of plant species and Methodologies development of their implementation for infrastructures and sustainable environmental protection along the project area.
- Approbation of all vegetation protection technologies applied for ecosystem restoration, erosion control and slope stabilization in project area.
- Monitoring and assessment of the environmental and social management plan of the project

- **From September 2006 to December 2007: Consultant at SOGEA-SATOM (Vinci Construction group), Kenge-Kikwit National road RN1 project, RD Congo**

Job description:

- Methodologies development of vegetation cover for embankment protection and erosion control,
- Implementation of Vetiver System for embankment protection and erosion control on road project.

- **From October 2005 to April 2006: Senior Technical Advisor for CLIFS project (Congo Livelihood Improvement and Food Security) at IRM (Innovative Resources Management) in RDCongo**

Job description:

- Project Manager assistant for CLIFS project implementation, monitoring and reporting
- Implementation and monitoring of vetiver System for road embankment protection and erosion control along Lusanga-Kikwit-Kanga axis in Bandundu region;
- Provide training and vulgarization of the vetiver System to potential users such as local communities, Road Building companies and project funders.

- **From June to December 2005: Consultant at the Belgium Technical Cooperation (BTC) for FSU project (Fonds Social Urbain) in RDCongo**

Job description:

- Provide training to the local NGOs of Kisenso township on vetiver's propagation and nurseries techniques
- Supervision of vetiver system use for erosion control and slop stabilization in Kisenso township

- **From May 2004 to September 2005: National Coordinator of TVNI (The Vetiver Network International) in DR Congo**

Job description:

- Represent TVNI (The Vetiver Network International) to the national and international partners in DR Congo
- Planning and supervising TVNI activities in CLIFS/IRM/USAID project
- Recruitment and supervision of TVNI's Consultants in DR Congo,
- Reporting TVNI's activities to different project funders

EDUCATION

- 2018: University of Liège, Belgium: University Certificate in International Development and Cooperation
- 2016: University of Liège, Belgium: Master of specialization on Environment Sciences and Management in Developing Countries
- 2002 : University of Kinshasa, Congo DR: Agronomist Engineer in animal production
- 2000 : University of Kinshasa, Congo DR: Agronomist Engineer in Plant production
- 1997 : University of Kinshasa, Congo DR: Undergraduate diploma in General agronomy

INTERNATIONAL AFFILIATION

- Senior Technical Advisor and Focus Point of The Vetiver Network International (TVNI) in RD Congo and Congo Brazzaville
- Member of Soil and Water Conservation Society (SWCS)

AWARDS

- Vetiver Champion Award, at The sixth International Conference on Vetiver, Danang, Vietnam 2015
- The King of Thailand Vetiver Award, at The sixth International Conference on Vetiver, Danang, Vietnam 2015

- TVNI Innovation Award for the Integration of the Vetiver System within Conventional Erosion Control Technologies, Lucknow, India. October 2011
- TVNI Certificate of excellence in Vetiver Grass Technology, 1st Class, Addis Ababa, Ethiopia. March 2009

CONFERENCES AND WORKSHOPS ATTENDED

- July 2012 : The 67th International SWCS (Soil and Water Conservation Society) Annual Conference, Fort Worth, Texas, USA, July 22-25, 2012.
- October 2011 : The fifth International Conference on Vetiver : Vetiver and climate change. Central Institute of Medical and Aromatic Plants, Lucknow, India. 27-31 October 2011.
- February 2011 : Atelier Régional d'Information et d'Echanges sur les Forêts Modèles et la Mise en œuvre locale de la REDD+ dans le Bassin du Congo. Kinshasa – République Démocratique du Congo. 23, 24 et 25 février 2011
- March 2009 : National Workshop on the Vetiver System for soil and water conservation, environment protection and land rehabilitation. Addis Ababa, Ethiopia. 16, 17 and 18 march 2009
- February 2004 : Atelier de Formation en Technologie du Système Vétiver : Ses applications pour la protection de l'environnement et en Bio-Ingénierie (Lutte anti-érosive, protection des ouvrages d'art, des talus et des remblais contre les érosions) organisée par TVN (The Vetiver Network) et USAID), Kinshasa, 12, 13 et 14 février 2004

LINGUAGES SKILLS

- French : excellent
- English : Good

REFERENCES

- **Dr. Dale RACHMELER**, International Development Specialist, The Vetiver Network International, Oakland, California
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- **Mme Céline JACMAIN**, UNEP/DR Congo – Project Coordinator/IWRM, United Nations Environment Program. Tél: +243840444704, Email: Celine.JACMAIN@unep.org , privé : cejacmain@gmail.com
- **Ir. Patrick PASQUET**, Chef de Mission, Egis- International / Congo-Brazzaville
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- **Dr. Paul TRUONG**, CEO Veticon Consulting, Brisbane, Australie Tél: (+61) 0417 198 293
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- **Dr. Bienvenu KAMBASHI**, Professeur d'Université, Faculté des Sciences Agronomiques, Université de Kinshasa. Tél (+243) 998488992, E-mail : bkambashi@gmail.com

SOME VETIVER PROJECTS IMPLEMENTED BY
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THE VETIVER NETWORK INTERNATIONAL
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1. EROSION CONTROL AT KIKWIT, CONGO -KINSHASA



1. initial state of Kikwit gully site in 2006



2. gully site reshaping before planting vetiver at Kikwit



3. Panoramic view of gully site after planting vetiver



4. site checking after vetiver planting



5. Same site one year after planting vetiver, the gully totally stabilized and the site saved, 2007

2. SOME EROSION CONTROL PROJECTS AT CONGO- BRAZZAVILLE



1. Initial state of Boukeni gully , february 2009



2. Placing sand bags and planting vetiver



3. The progress of work at Boukeni site, one month later



4. Same gully totally stabilized and stopped after planting vetiver , november 2009



1. Casis erosion control project at Congo Brazzaville, november 2009



2. Same site completely stabilized, some months after planting vetiver



1. Other side of Casis erosion site while planting vetiver



2. Same place some months later totally stabilized



1. View from bottom of Casis site at Congo Brazzaville, November 2009



2. Same site one year later totally recovered and stabilized with vetiver grass



1. Hard structure work and planting vetiver in progress at Boukeni 2nd project, november 2012



2. Same site totally stabilized, may 2014

3. ROAD EMBANKMENT PROTECTION AT KINSHASA CONGO



1. Road cut embankment before vetiver planting may 2007



2. Road cut embankment totally stabilized some months after vetiver planting



1. Fill embankment before vetiver planting, september 2007



2. Same place some months later

4. ROAD EMBANKMENT BETWEEN POINTE- NOIRE AND BRAZZAVILLE, REPUBLIC OF CONGO



Vetiver plantation on steep slope of road, November 2013



Road slope totally protected by vetiver grass, some months later



Further erosions occur on slope while working in Congo Brazzaville road project



Road slope totally protected by vetiver grass, some months later

5. ROAD SLOPE PROTECTION BETWEEN AROUND BUNDIBUNGYO TOWN IN UGANDA REPUBLIC



Initial status : Some erosion occurs on unprotected slop, august 2013



Vetiver planting august 2013



On going vetiver plantation on steep slope in Uganda republic , august 2013



Ten months later, steep slope totally recovered and stabilized by vetiver grass, may 2014