

CURRICULUM VITAE (CV)

Name:

Regina Wambui Nganga

Profession:

Surveyor / Cartographer/GIS or Geoinformatics technologist

Date of Birth:

1979

Marital Status:

Married

Contacts:

Address: P. o. Box 30197 – 00100, Nairobi

Tel : 0710380055

e-mail: rwambui@uonbi.co.ke , rewang2007@gmail.com , reginganga@yahoo.com

Nationality: Kenyan

Membership in Professional Societies:

GIS Kenya

Key Qualifications:

- The JICA-Net Training Program on remote sensing (Nairobi, August 2008)
- The JICA-Net Training Program on GIS (Nairobi, September 2008)
- The GIS Training course for potential users (AICAD- Juja 2007)

Education

University of Nairobi 2008 - 2012 B.A. (Land Economics)

Kenya Polytechnic 2003-2004 Higher Diploma in Land Surveying.

Kenya Polytechnic 1999-2001 Diploma in cartography

University of Nairobi Sept 2007 Certificate in AutoCAD & AutoCAD Civil 3D

Employment Record

2007 - To Date: Working with *University of Nairobi, Main Campus.*

Duties and responsibilities:

- Maintenance and repair of equipment in the department
- Participate in the organization and running all departmental practical exercise
- Participate in the research and consultancy activities in the department
- Responsible for all GIS, Digital Photogrammetry, Surface Modelling and remote sensing practicals in consultation with the lecturer in charge
- Participate in the organization and implementation of survey camp, Kibwezi fieldwork
- Setting up of equipment needed for running of practicals
- Provide students with necessary materials for practical exercises
- Keep and maintain an inventory of equipment and materials in the lab/office
- In charge of checking, preparation and availing of equipment needed for running the practicals
- Guide and assist the students in their practical exercises
- Maintenance of the departmental reading room and keeps stock of all past students project

Dec 2004 to March 2007: Worked with Ramani Geo-systems as a GIS data processor and Analyst

Duties & Responsibilities.

- GIS Data Capture & Entry.
- Geo-referencing.
- Updating and developing GIS data.
- Processing data for various projects.
- Performing various analyses
- Data management & structuring.
- Creating Profiles & DEMs.
- Mosaicing aerial photographs.
- Fieldwork - Attribute collection
- Training people on internship.
- **Map production and design**
- GIS Training

- Using various surveying & mapping software which include Arc view 3.2 or arc view GIS, ArcGIS 9.2, MapInfo Professional Versions 6.0,7.0, 8.0 & 8.1, Global Mapper, Image Xuite, AutoCAD 2007 & AutoCAD civil 3D, Map source, Idrisi Kilimanjaro

Dec 2001-Dec 2002: Worked with Miano & associates Licensed land surveyors & Associates as a Surveyor cum Cartographer.

Duties & Responsibilities.

- Cartographic work e.g. Drawing Mutation forms and cadastral plans.
- Survey Fieldwork.
- Map filing

Oct 2000-Dec 2000: (Internship) Geomaps International, Nairobi as a GIS Data Processor.

Duties & Responsibilities.

- Checking and filing Survey Records.
- GIS Data entry (mainly scanning and digitizing).

PROJECTS DONE:

At University of Nairobi:

- Mapping and planning of Moi Teaching and Referral Hospital, Eldoret (2012)
- An Investigation of a Slum Upgrading Project, (2011-2012)
- Eldoret mapping project (2009- 2010)
- Research Project on Effects of Urbanization on Pre – urban areas (Kitengela), 2009
- Uganda towns mapping projects, (2007 – 2008)

At Ramani Geo-systems:

- Topographical mapping of Juba Town and its environs, JICA (Southern Sudan) (2006 – 2007)
- Pesa Point suitability mapping, (2005 – 2006)
- Aerial photographs processing of Naivasha and Serengeti areas.
- Nakuru Town Digital Mapping and database creation
- Mt. Kenya fence mapping, Bill Woodley Mt. Kenya Trust (2006)
- Elephant corridor mapping, Bill Woodley Mt. Kenya Trust (2006)
- Mountain Bike route mapping, Bill Woodley Mt. Kenya Trust, (2005)
- Environmental degradation assessment project for Lake Naivasha catchment area, LNGG (Lake Naivasha Growers Group) (2005)
- Kiambu mapping project, (2007)
- Data development of the greater Nairobi and Kenya (2004 – 2007)

REFEREES:

1. Dr. F. N. Karanja,

Senior Lecturer,
Dept. of Geospatial & Space tech.
University of Nairobi
P. o. Box 30197 – 00100
Nairobi
Tel:020 318262 ext. 28339
Mobile: 0724 873901

2. Mr. G. T. O. Osewe

Senior Lecturer,
The Kenya Polytechnic University
College
P. o. Box 52428 - 00200
Nairobi
Mobile: 0724 268997

3. John Maina Njira-ini

GIS Expert
Moi University- Main,
P. o. Box 3900,
Eldoret.
Mobile: 0727574915

4. Mr. Mohammed Ali

IT Manager
Ramani Geo-systems
P. o. Box 15353 – 00509,
Nairobi.
Tel: 020 602035
Mobile:0733 262743