



## **MWANDONGO ERIC DZANGA**

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### **Current Position**

Technologist, Department of Geospatial and Space Technology

### **Academic Qualifications**

- Post Diploma, Photogrammetry and Remote Sensing at KISM, 1992 – 1993
- Diploma, Photogrammetry at KISM, 1983– 1986

### **Professional Qualifications**

- Certificate, Autocad (School of Engineering, UoN), 2013
- Certificate, Digital Sensor System (Applanix)

### **Areas of Specialisation**

- Digital Photogrammetric Mapping
- Ground Control for Mapping
- Engineering Surveying
- General Surveying and Mapping

### **Academic/Professional Career**

- Photogrammetric Assistant III, Air Survey Section, Survey of Kenya 1987-1995
- Senior Photogrammetrist, Geomaps 1995– 2002
- Chief Photogrammetrist, Geomaps, 2003– 2009
- Technologist, Department of Geospatial & Space Technology, UoN, 2010 – to date

## **Administrative Positions Held Geomaps Ltd.**

### **Achievements at Computer Assisted Mapping Project (CAMP), Survey of Kenya, Ministry of Lands**

- ◆ Member of team that carried out successful completion of Migori Block Adjustment with independent models.
- ◆ Recommendations on block configuration have been greatly appreciated and will be adopted for future applications. This will reduce the cost of photo control, duration and related processes drastically.
- ◆ Member of team that carried out research and tests on connectivity, adjacency and topology, thus making it possible for Survey of Kenya (C.A.M.P.) to be able to carry out GIS of any Block ranging from scales of 1:10,000 to 1:50,000.

### **Some of the Projects Achieved at Geomaps Ltd.**

- ◆ **2007 - 2009**
  - Development of Geomaps GIS portal,
  - Digital mapping of Kenya-Uganda Oil Pipeline
- ◆ **2006 - 2007**
  - Establishment of Nairobi Water and Sewerage Company Network Inventory.
  - Establishment of Nairobi City Council GIS Program.
- ◆ **2001 - 2003**
  - Digital Mapping and Establishment of GIS for Kigali Urban Planning and Management Capacity Building Project
- ◆ **2001 - 2003**
  - Digital Mapping of El – Nino Roads Project
  - Nyayo Tea Zones Digital Mapping.