



# Regional Centre for Mapping of Resources for Development (RCMRD), Nairobi, Kenya



## Global Navigation Satellite Systems(GNSS) Technologies for Precise Applications

RCMRD is an intergovernmental organization established in 1975 under the auspices of the United Nations, economic commission of Africa (UNECA) and the African Union (AU). It draws its membership from eastern and southern African countries and currently has 20 contracting members. It promotes and builds capacities on land and land related disciplines using current Geo Information technologies to her member states. For info, please visit [www.rcmrd.org](http://www.rcmrd.org). The training shall be held at RCMRD offices in Nairobi



**Intake: 5 days in 5<sup>th</sup> June, and 4<sup>th</sup> September**

### Target Group

The qualifying participants shall be Land surveyors, Geodesist, Engineers, Earth Research Scientists, Cartographers from African countries with experience in Global Navigation Satellite System (GNSS) technologies.

**Cost : USD 250 per head, tuition fee**

### Course Objectives

The purpose of the course is to provide knowledge and technical skills in GNSS technologies and precise applications including engineering, construction and cadastral

### Some GNSS Applications



### Content

- ❖ Global Navigation Satellite System (GNSS) Technologies & Applications
- ❖ GNSS Augmentation Systems and Availability in Africa
- ❖ Continuously Operating GNSS Reference Stations(CORS), and Real Time GNSS Geodetic Networks(RGTN)
- ❖ GNSS Augmentation Systems and Availability in Africa
- ❖ Reference systems, AFREF, datum and Coordinate systems
- ❖ Practical field works on Static GNSS surveys RTK using Base/Rover, RTK using CORS
- ❖ Practical GNSS data post processing and reporting using open source software

**Accommodation can be arranged from USD 40 bed & breakfast**

**For applications and more information contact, Muya Kamamia, [muyack@rcmrd.org](mailto:muyack@rcmrd.org)**



#### MEMBER STATES:

Botswana, Burundi, Comoros, Ethiopia, Kenya, Lesotho, Malawi, Mauritius, Namibia, Rwanda, Seychelles, Somali, South Africa, South Sudan, Sudan, Swaziland, Tanzania, Uganda, Zambia & Zimbabwe.

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