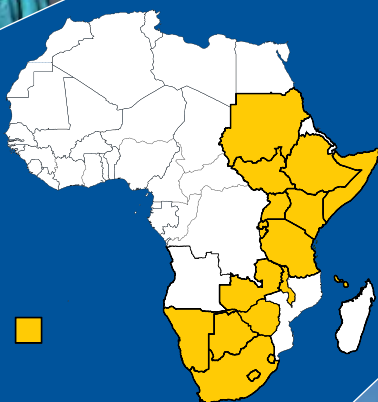




Regional Centre for Mapping of Resources for Development



profile



About RCMRD

The Regional Centre for Mapping of Resources for Development (RCMRD) was established in 1975 under the auspices of the United Nations Economic Commission for Africa (UNECA) and the African Union (AU). It is an inter-governmental organization and currently has contracting Member States in the Eastern and Southern Africa Regions.

Our Vision

To be a premier Centre of Excellence in the provision of Geo-Information services.

Advisory/Project Services

RCMRD offers competitive services in the fields of its expertise such as:-

- Spatial Decision Support Systems
- Management of Urban Areas, Utilities and Facilities
- GIS Application in the Management of Natural Resources
- Land Suitability Mapping & Inventorying
- Acquisition of appropriate mapping data, and software equipment.
- Formulation of Data Policies and Infrastructure
- Food Security & Environmental Information Systems
- Web Mapping
- Digital Cadastral Surveys
- Flood Prediction & Modeling
- Land Management Information Systems
- Resource Mapping
- Natural hazards mapping and forecasting
- Engineering, Structure, Hydrographic and Deformation Surveys
- Digital Photogrammetry
- Information Technology solutions and services
- Calibration, Service & Repair of surveying and mapping equipment

Capacity Development

Services offered by RCMRD are complemented by courses such as

- Remote Sensing (RS) & Satellite Image Processing/Interpretation
- Geographic Information Systems (GIS) Global Positioning/ Navigation Systems (GPS) including their applications
- Geo-spatial database development and management
- Web Applications & Mapping
- Mobile Mapping
- Total Stations usage and application
- Computer Aided Designs (CAD)
- Integrated Water Resources Management
- Land Information Management Systems
- Servicing, Repair & Calibration of survey equipment

Information Communication Technology courses offered at the RCMRD caters for corporate organizations and the general public as Short Programmes, Academic Programmes, Corporate Programmes and as End-User Application Courses

Our Mission

To promote sustainable development through generation, application and dissemination of Geo-Information and allied Information Communication Technology (ICT) services and products in the Member States and beyond.

Our Approach

RCMRD programmes are oriented towards sustainable applications in natural resource management, infrastructure and environmental management utilizing Geo-Information Technologies.

Our Facilities

RCMRD is situated on the eastern side of Nairobi with;

- 4 state-of-art computer rooms dedicated to practical instructor led training information Communication Technology (ICT), Global Positioning/Navigation Systems (GPS), Remote Sensing (RS) and Geographical Information Systems (GIS)
- 4 LECTURE Halls
- 2 Conference Halls
- Laboratories for GIS and RS Analysis
- Field Vehicles
- Continuous Observation Station (CORS - GPS/GNSS) plus various surveying and mapping equipment
- Photogrammetric Work Station

Research and Development

The RCMRD has a full-fledged research and development capacity. It conducts research and development activities in all its fields expertise

RCMRD Member States

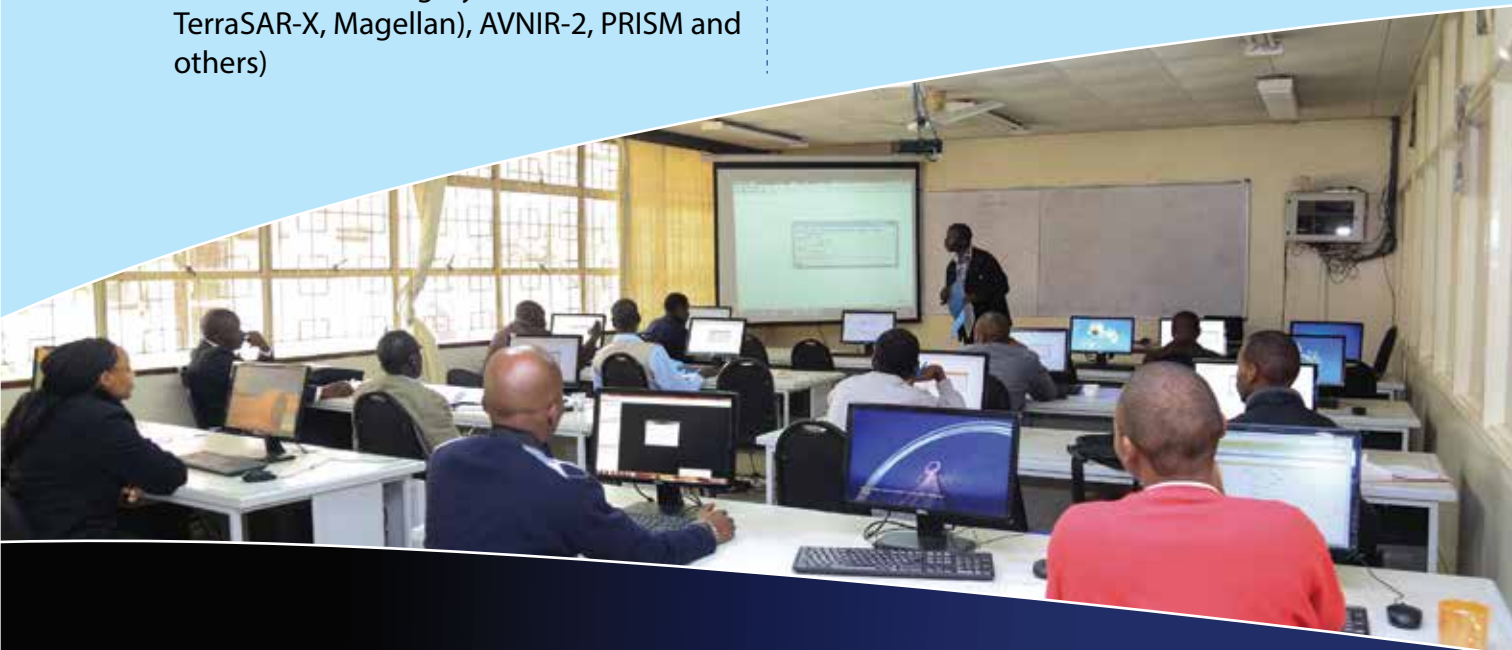
Botswana | Burundi | Comoros | Ethiopia | Kenya
Lesotho | Malawi | Mauritius | Namibia | Rwanda
Seychelles | Somalia | South Africa
South Sudan | Sudan | Swaziland | Tanzania
Uganda | Zambia | Zimbabwe



Spatial Data Supply

The RCMRD offers satellite imagery data products;

- **Very High Resolution Data**
(higher than 5 Meters Resolution)
SPOT5, Ikonos, Pleiades, KompSat, QuickBird, WorldView 1&2, GeoEye 1&2 among others
- **High Resolution Data**
(5 - 10 Meters Resolution)
SPOT 4, ASTER and a variety of LIDAR/RADAR Imagery (RADARSAT, TerraSAR-X, Magellan), AVNIR-2, PRISM and others)
- **Medium Resolution Data**
(10 - 50 Meters Resolution)
Landsat Series, Hyperion, ASAR, SAR, SPOT-Veg, CBERS-2, IR-MSS, EO-1 etc.
- **Low Resolution Data**
(lower than 60 Meters Resolution)
MERIS, WFI, MODIS, SPOT - VGT etc.



**Regional Centre for
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