Who is RCMRD?

The Regional Centre of Mapping of Resources for Development is an intergovernmental organization that was established in 1975 under the auspices of the UN Economics Commission for Africa and the then Organization of African Union now Africa Union.

To be a Premier Centre of Excellence in the provision of geo-information and allied technologies for sustainable development in the member States and other stakeholders.

To strengthen the member States and our stakeholders’ capacity through Generation, Application and Dissemination of Geo-information and Allied Technologies for sustainable development.
Member States.

Botswana, Burundi, Comoros, Eswatini, Ethiopia, Lesotho, Kenya, Malawi, Mauritius, Namibia, Rwanda, Seychelles, Somalia, South Africa, South Sudan, Sudan, Tanzania, Uganda, Zambia, and Zimbabwe
Core Mandate

Capacity Development

Data and Information Dissemination

Servicing and Calibration of Mapping Equipment

Advisory Services

Project Implementation

Research and Development

Our Mission
Projects at RCMRD.

- GMES and AFRICA
- SDGs
- Climate Action
- DRR
- USE OF EO DATA
- SOIL4AFRICA
- CENSUS MAPPING
- D. E. Africa
- BIOPAMA
- OFESA
- SERVIR E&SA
- AfriGEO
- AGR-A RFBS
- NELGA DATA HUB
- AUDA NEPAD LAND HELP DESK
- AUDA NEPAD LAND HELP DESK
About AfriGEO

AfriGEO is an initiative of the African community in GEO aimed at providing a coordination framework and platform for Africa’s participation in GEO. In addition, it is a:

- Pan African initiative to raise awareness and develop capacity on EO for governments, research organizations and the commercial sector;
- Framework for strengthening partnerships and collaborations within Africa;
- Gateway into Africa for international partners;
- Support mechanism for the implementation of GEO objectives and programmes in Africa.
### Membership

#### Participating Organizations

1. AARSE The African Association of Remote Sensing of the Environment
2. African Climate Change research Centre
3. ACMAD African Centre of Meteorological Applications for Development
4. RCMRD Regional Centre for Mapping of Resources for Development
5. UNECA United Nations Economics Commission for Africa
6. AFRIGIST African Regional Institute for Geospatial Information Science and Technology
7. AGHRHYMET
8. ARCSSTE-E African Regional Centre for Space Science and Technology Education
9. CEDEAO/ECOWAS Communauté économique des États de l’Afrique de l’Ouest
10. OSS Observatoire du Sahara et du Sahel

Digital Earth Africa Coastline Monitoring Service
Digital Earth Africa Coastlines

- **Improved version** of the Australian Coastlines
- **Co-developed and validated** with implementing partners in Africa
- **First Africa-wide** Coastlines monitoring service
- Tracks continental changes **from 2000 to present**
- Monitor more than **60,000 km of coast**
- Provides **free interactive access** to
  - Hotspots
  - Rates of changes
  - Average yearly shorelines
Coastal Erosion Mapping

- Kenya – No change, Growth and Retreat coastline
OUTLOOK OF WETLANDS IN THE EAST AFRICA REGION

- Over exploitation of wetland resources
- Expansion and Encroachment
- Adverse effect of climate change
- Shrinking of some wetlands
- Expansion of others
- Pollution
- Increase in salinity
- Transition to other land use
- Over grazing in wetlands
Products

- Status Maps
- Change Maps
- Transitions
- Change Statistics
- Reports
- Methodologies
- Modelling Tools
BIOPAMA- Regional Resource Hub

- The Regional Resource Hub offers information management systems and tools, capacity building, knowledge sharing products and communication activities aiming to reinforce the management effectiveness and governance of protected areas and surrounding communities in eastern and southern Africa region.
- The Regional Resource Hub (RRH) is a knowledge hub for the Eastern and Southern African region that supports better decision making for fair and effective management and governance of protected and conserved areas.
- The Hub compiles and analyzes relevant data and provides information to support field interventions, policy dialogues and decision-making processes at local, national and regional levels.
BIOPAMA - Regional Resource Hub
Examples of information and knowledge available through the Regional Resource Hub

CURRENT COVERAGE OF TERRESTRIAL AND MARINE PROTECTED AND CONSERVED AREAS IN ESA COUNTRIES (%)
7th AfriGEO Symposium, 18-23 Sep 2023
Swakopmund, Namibia

Theme:
EO for Africa’s Prosperity
Thank You!

Phoebe Oduor/ 06 June, 2023
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