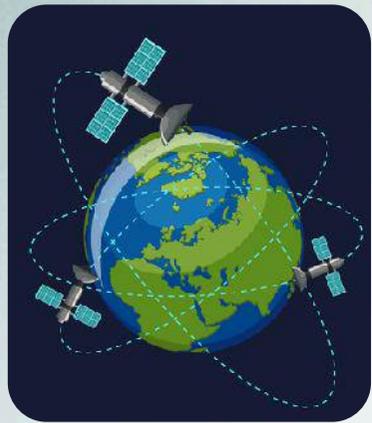# Regional Centre for Mapping of Resources for Development

RCMRD

2026 Training Calendar

Empowering sustainable development through geospatial technologies and specialized training
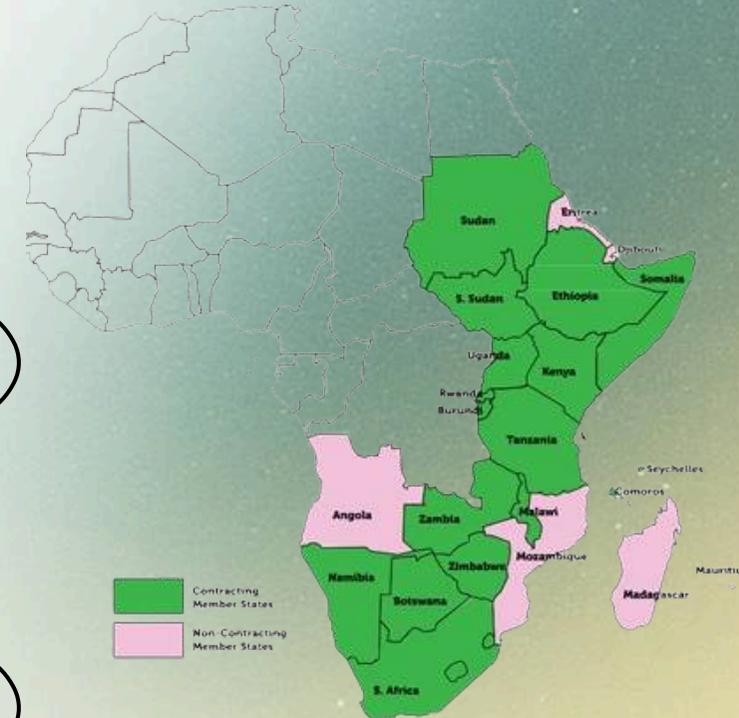
Overview of RCMRD

The Regional Centre for Mapping of Resources for Development is committed to sustainable development through geospatial technologies.

Over 50 years of excellence in geospatial resource mapping and capacity development across Eastern and Southern Africa

Empowering sustainable development through data-driven solutions in land management, agriculture, climate resilience, and ecosystems

We envision an Africa where geospatial innovation drives inclusive growth, environmental stewardship, and digital transformation.

Collaboration is key, RCMRD works with governments, development partners, and communities to deliver impactful and scalable solutions.

Contracting Member States

Non-Contracting Member States

Our vision

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

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.

January 2026

Week	Course Title	Category	Duration	Format	Cost
Jan 5-16	**Fundamentals of GIS & Remote Sensing**	Foundational	2 Weeks	In-person/ Virtual	$650
Jan 12-23	**Advanced GIS & Remote Sensing**	Core Technical	2 Weeks	In-person	$850
Jan 12-23	**GIS for Climate Change Vulnerability Assessment**	Climate & Environment	2 Weeks	Hybrid	$850
Jan 19-23	**Drone Operations for Environmental Monitoring**	UAV/Drones	1 Week	In-person	$450
Jan 19-30	**Spatial Data Infrastructure (SDI) & Geoportal Development**	Data Management	2 Weeks	In-person/ Virtual	$850
Jan 26-30	**Modern Land Surveying Instruments and Technologies**	Land Survey	1 Week	Hybrid	$350

February 2026

Week	Course Title	Category	Duration	Format	Cost
Feb 2-13	**Precision Agriculture & Smart Farming with GIS**	Agriculture	2 Weeks	In-person	$850
Feb 2-13	**Geospatial Intelligence (GEOINT) for Security & Defense**	Security	2 Weeks	In-person	$950
Feb 9-13	**UAV/Drone Mapping and Data Processing**	UAV/Drones	1 Week	Hybrid	$450
Feb 16-27	**Urban Planning & Smart City Development Using GIS**	Urban Planning	2 Weeks	In-person	$850
Feb 16-27	**Marine Spatial Planning & Coastal Management**	Marine/Ocean	2 Weeks	Hybrid	$850
Feb 23-27	**3D GIS & BIM Integration for Infrastructure Projects**	3D Modeling	1 Week	In-person	$650

March 2026

Week	Course Title	Category	Duration	Format	Cost
Mar 2-13	**Land Administration & Cadastral Systems**	Land Management	2 Weeks	In-person	$850
Mar 2-13	**Forest Carbon Monitoring & REDD+ Implementation**	Forestry	2 Weeks	Hybrid	$850
Mar 9-20	**Land Information Systems (LIS) and Digital Land Management**	Land Management	2 Weeks	In-person	$650
Mar 16-27	**Disaster Risk Reduction & Emergency Response GIS**	Disaster Management	2 Weeks	In-person	$850
Mar 16-27	**Water Resources Management & Hydrological Modeling**	Water	2 Weeks	Hybrid	$850
Mar 23-27	**GIS for Public Health & Disease Surveillance**	Health	1 Week	Hybrid	$550
Mar 30-Apr 10	**Python for Geospatial Data Science & Automation**	Programming	2 Weeks	Virtual	$950

April 2026

Week	Course Title	Category	Duration	Format	Cost
Apr 6-10	**Big Geospatial Data Analytics with Google Earth Engine**	Big Data	1 Week	Virtual	$650
Apr 6-17	**Renewable Energy Site Suitability Analysis**	Energy	2 Weeks	In-person	$850
Apr 13-17	**Indigenous Mapping & Community-Based GIS**	Social GIS	1 Week	Hybrid	$550
Apr 20-24	**Geospatial AI: Machine Learning for Satellite Imagery**	AI/ML	1 Week	Virtual	$750
Apr 20-May 1	**Advanced Web-Based Mapping Using Open Source GIS Tools**	Web GIS	2 Weeks	Hybrid	$950
Apr 27-May 1	**Mobile Data Collection and Mapping**	Mobile GIS	1 Week	In-person	$450

May 2026

Week	Course Title	Category	Duration	Format	Cost
May 4-15	**Using Open Source Tools to Create an Enterprise GIS**	Database	2 Weeks	Hybrid	$850
May 4-15	**Biodiversity Conservation & Habitat Mapping**	Ecology	2 Weeks	Hybrid	$850
May 11-15	**GIS for Mining & Mineral Exploration**	Mining	1 Week	In-person	$650
May 18-29	**Gis for Climate Resilience & Adaptation Planning**	Climate	2 Weeks	Hybrid	$850
May 18-29	**Telecommunications Network Planning with GIS**	ICT	2 Weeks	Virtual	$850
May 25-29	**GIS for Tourism & Heritage Site Management**	Tourism	1 Week	Hybrid	$550

June 2026

Week	Course Title	Category	Duration	Format	Cost
Jun 1-12	**Geospatial Cloud Platforms & Server Management**	Cloud Computing	2 Weeks	Hybrid	$950
Jun 1-12	**Agricultural & Food Security Monitoring Using Gis & Remote Sensing**	Agriculture	2 Weeks	In-person	$850
Jun 8-12	**LiDAR Data Processing & Applications**	Advanced RS	1 Week	In-person	$750
Jun 15-26	**GIS for Transportation Planning and Logistics Optimization**	Transport	2 Weeks	Hybrid	$850
Jun 15-26	**Environmental Impact Assessment (EIA) Using GIS**	Environment	2 Weeks	In-person	$850
Jun 22-26	**GIS for Insurance & Risk Modeling**	Finance	1 Week	Virtual	$650
Jun 29-Jul 10	**Deep Learning for Remote Sensing**	AI/ML	2 Weeks	Virtual	$950

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July 2026

Week	Course Title	Category	Duration	Format	Cost
Jul 6-17	**3D Gis and Digital Twin Technology for Smart Cities**	Smart Cities	2 Weeks	In-person	$950
Jul 6-17	**Waste Management & Circular Economy GIS**	Environment	2 Weeks	Hybrid	$850
Jul 13-17	**Satellite Communication & IoT Integration in GIS**	IoT	1 Week	Virtual	$650
Jul 20-31	**Geospatial Data Science with R**	Data Science	2 Weeks	Virtual	$950
Jul 20-31	**Land Degradation Neutrality (LDN) Implementation and Monitoring**	Land Management	2 Weeks	In-person	$850
Jul 27-Aug 7	**3D Geospatial Modeling & Virtual Reality Integration**	Visualization	2 Weeks	In-person	$850

August 2026

Week	Course Title	Category	Duration	Format	Cost
Aug 3-14	**Blockchain for Land Transparency & Governance**	Emerging Tech	2 Weeks	Virtual	$950
Aug 3-14	**Blue Economy & Marine GIS**	Marine/Ocean	2 Weeks	Hybrid	$850
Aug 10-14	**GIS for Real Estate & Property Valuation**	Real Estate	1 Week	Hybrid	$550
Aug 17-28	**Advanced Spatial Modelling and Predictive Analytics in GIS**	Advanced Analytics	2 Weeks	Virtual	$950
Aug 17-28	**Ecosystem Services Assessment & Valuation**	Ecology	2 Weeks	In-person	$850
Aug 24-28	**Geospatial Cybersecurity & Data Protection**	Security	1 Week	Virtual	$650

September 2026

Week	Course Title	Category	Duration	Format	Cost
Sep 1-12	**Multispectral, Hyperspectral, and Thermal Image Analysis**	Advanced RS	2 Weeks	In-person	$950
Sep 1-12	**GIS for Humanitarian Assistance & Refugee Mapping**	Humanitarian	2 Weeks	Hybrid	$850
Sep 8-12	**Participatory GIS and Crowdsourced Mapping**	Social GIS	1 Week	Virtual	$450
Sep 15-26	**Automated Feature Extraction & Change Detection**	AI/ML	2 Weeks	Virtual	$950
Sep 15-26	**GIS and Remote Sensing for Climate Resilience & Adaptation Planning**	Agriculture	2 Weeks	In-person	$850
Sep 22-26	**GIS and Remote Sensing for Spatial Planning**	Physical Planning	1 Week	Hybrid	$550
Sep 29 - Oct 10	**Enterprise GIS Implementation & Management**	Business GIS	2 Weeks	Virtual	$950

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October 2026

Week	Course Title	Category	Duration	Format	Cost
Oct 6-17	**SAR (Synthetic Aperture Radar) Data Processing**	Advanced RS	2 Weeks	Hybrid	$850
Oct 6-17	**Heat Island GIS & Urban Microclimate Modeling**	Urban Climate	2 Weeks	In-person	$850
Oct 13-17	**GIS for Supply Chain & Logistics**	Business	1 Week	Hybrid	$650
Oct 20-31	**Geospatial Predictive Analytics & Modeling**	Data Science	2 Weeks	Virtual	$950
Oct 20-31	**Drone Wildlife Habitat Mapping & Conservation Planning**	Ecology	2 Weeks	Hybrid	$850
Oct 27-31	**GNSS & RTK Surveying for High-Precision Mapping**	Land Survey	1 Week	Hybrid	$550

November 2026

Week	Course Title	Category	Duration	Format	Cost
Nov 3-14	**Real-Time GIS & Sensor Network Integration**	IoT /Sensors	2 Weeks	Virtual	$950
Nov 3-14	**GIS for Climate Finance & Carbon Credits**	Climate Finance	2 Weeks	Hybrid	$850
Nov 10-14	**Geospatial Ethics, Privacy & Responsible AI**	Ethics	1 Week	Virtual	$350
Nov 17-28	**Flood Risk Modeling & Early Warning Systems**	Disaster Management	2 Weeks	In-person	$850
Nov 17-28	**Geospatial Solutions for SDG Monitoring**	SDGs	2 Weeks	Hybrid	$850
Nov 24-28	**GIS for Journalism & Media (GeoJournalism)**	Media	1 Week	Virtual	$550

December 2026

Week	Course Title	Category	Duration	Format	Cost
Dec 1-12	**Advanced Cartography & Data Visualization**	Visualization	2 Weeks	Hybrid	$750
Dec 1-12	**Geothermal & Mineral Resource Mapping**	Energy/ Mining	2 Weeks	In-person	$850
Dec 8-12	**GIS for Sports & Event Management**	Sports	1 Week	Virtual	$550
Dec 15-19	**Multisensor Fusion (UAV + Satellite + Ground)**	EO Operations	1 Week	Virtual	$650
Dec 22-23	**Geospatial Tools for Monitoring & Evaluation**	Management	2 Days	Virtual	$350

Key Benefits of RCMRD Training

01 **Highly Qualified Expert Trainers Available**
Gain insights from industry-leading professionals.

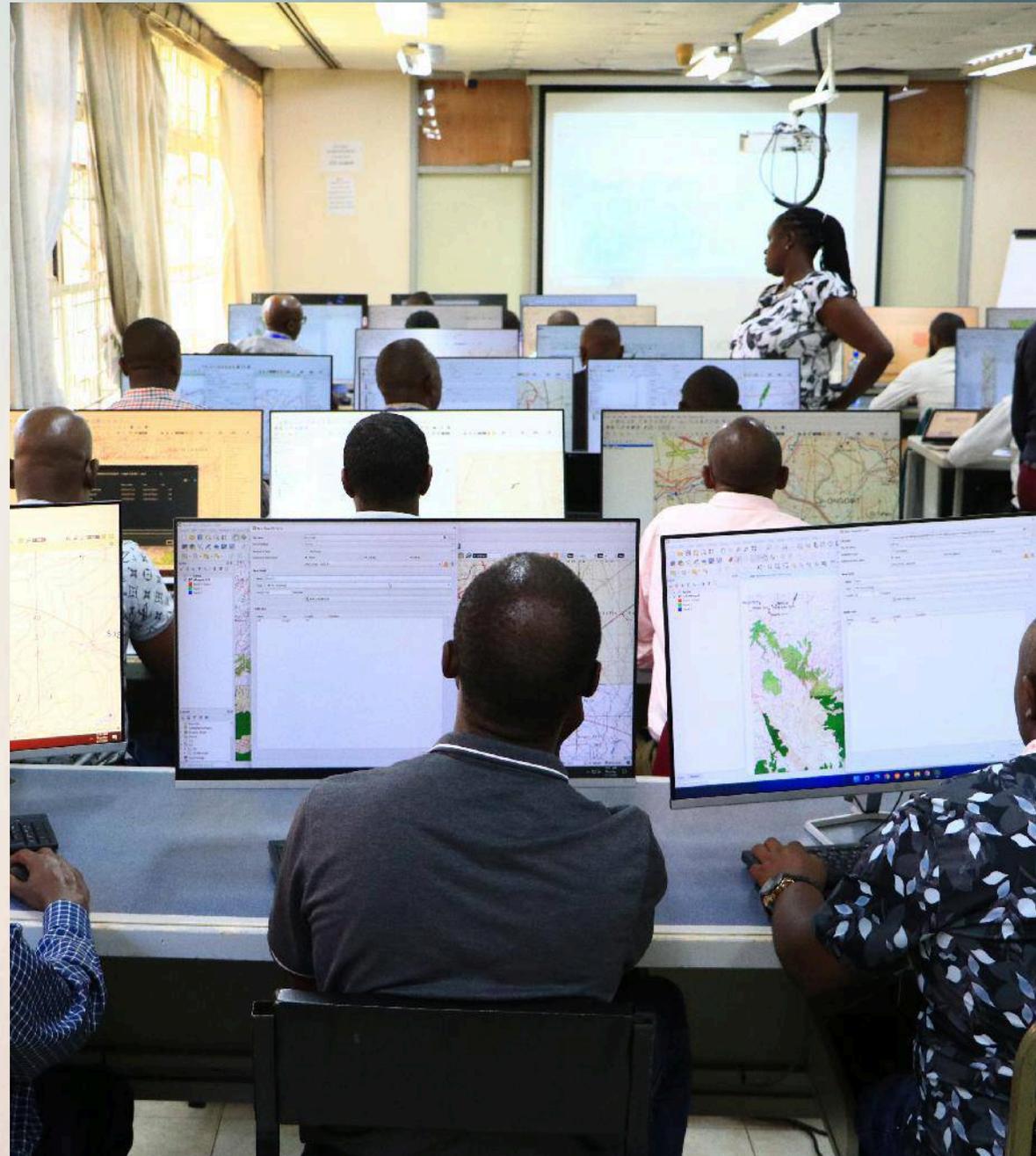**02** **State-of-the-Art Facilities for Learning**
Access to modern resources and technologies.

03 **Practical Sessions for Real-World Experience**
Participate in hands-on learning opportunities.

04 **Tailored Programs**
Customized training solutions for individuals and organizations,

Logistics & Accomodation

Accommodation Details

Affordable on-site accommodation at RCMRD premises; nearby options can be recommended

Location

Trainings are held at RCMRD, Nairobi, or at client preferred sites on request.

Delivery

Monday–Friday, 8:30 AM–4:30 PM; includes theory, practicals, and fieldwork

Accessibility Support

Access to course materials, datasets, and expert trainers

![RCMRD logo]

Contact Us

Email

training@rcmrd.org

Phone

+254 101 777778
+254 114 444460

Scan the QR Code to Register

https://www.research.net/r/rcmrdtraining