



Background

The Regional Centre for Mapping of Resources for Development (RCMRD) wishes to invite you to its Second Edition of the Data Training Workshop on Protected and Conserved Areas under the Regional Resource Hub from 20th to 24th March 2023. The training workshop will be held physically at RCMRD premises in Nairobi, Kenya. Participants will be drawn from the following countries; Angola, Botswana, Eritrea, Eswatini, Ethiopia, Kenya, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Rwanda, Seychelles, Somalia, South Africa, South Sudan, Sudan, Tanzania, Uganda, Zambia and Zimbabwe.

The Regional Resource Hub acts as one of the regional observatories implemented by the Biodiversity and Protected Areas Management (BIOPAMA) programme and hosted by the Regional Centre for Mapping of Resources for Development (RCMRD) in Nairobi covering Eastern and Southern Africa.

BIOPAMA aims to improve the long-term conservation and sustainable use of natural resources in African, Caribbean and Pacific (ACP) countries, in protected areas and surrounding communities. It is an initiative of the Organisation of African, Caribbean and Pacific States financed by the European Union's 11th European Development Fund, jointly implemented by the International Union for Conservation of Nature (IUCN) and the Joint Research Centre of the European Commission (JRC).

The objectives of the training are as follows:

- To demonstrate and discuss the importance of data and information in decisions related to effectiveness and governance in protected and conserved areas
- To engage on how the countries will participate in the preparation of the State of Protected and Conserved Areas Report 2023 (SOPACA) that will be released this year
- To demonstrate the information management process of the RRH (data collection and process until elaboration of the information and knowledge products) to allow countries to engage actively with the Regional Reference Information System



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- To demonstrate and discuss the role the RRH can play in reporting processes, for e.g., to the Convention on Biological Diversity (CBD).
- To understand what the interest and needs of users and potential users in the countries are to allow the RRH team to improve the services and products available
- Launch the RRH community of practice that has evolved from the TEAMS networks
- To learn about some existing opportunities under Conservation Programs run by various institutions like Esri, OpenStreetMap etc

Expected outcome

Local, national and regional decisions related to biodiversity and protected area management and governance are made based on accurate and relevant information using RRH services and products.

Training Format: Hands on Demo Show case, Plenary Presentations, Practical Exercises and Computer Lab Technical Sessions

Security Clearance: Once you arrive at RCMRD main gate, kindly inform the security personnel you have come to attend the **RRH Training**. After the registration, you will be issued with a badge so ensure you have it all the time.

Date/ Time: 20 to 24 March 2023 from 9am to 5pm EAT

Venue: RCMRD Complex, Nairobi Kenya. [Map Location](#)

Contact person

- Ngugi Kimani the email is mkimani@rcmrd.org Phone: +254721324886 or
- Job Mwangi the email is jmwangi@rcmrd.org Phone: +254701165626

The following venues will be used at RCMRD Complex

- Registration and Opening of the training: Conference Room (Ground Floor)
- Computer Lab Training Room: Room B7, it's located on the First Floor. We will have someone at the reception for assistance.

Facilitators: RCMRD, IUCN, EU-JRC, UNEP-WCMC, Planet Labs, Esri & Open Street Maps.

Meals & Refreshments: They will be served at RCMRD Complex third-floor on the roof top, pergola section. This includes the morning and afternoon tea & snacks as well as lunch on all five days of the workshop



Internet

Wireless internet will be available at RCMRD. The code for accessing internet will be shared with participants on arrival at RCMRD Complex.

Visas

Participants who need an entry visa are requested to apply for it with a valid passport and the required additional documents at the nearest Kenya mission/representation. Please consult the nearest Kenyan Embassy for visa application deadlines and documentation required or visit <http://www.immigration.go.ke/Information.html>.

Participants from countries without Kenyan Embassies / Consulates, can obtain visas at Nairobi International Airport on arrival, please ensure to carry along the following if a visa is required;

1. Yellow fever vaccination card
2. Valid passport
3. One/Two passport size photographs (some countries may require photos)
4. Invitation letter
5. USD 100 per individual

Covid 19

All participants are expected to have their own travel insurance to support them in the case of illness during the workshop. RCMRD will have no liability for participants that test positive or fall ill during the workshop and no costs associated with this will be covered by RCMRD.

Electricity

In Kenya the standard voltage is 240 V and the frequency is 50 Hz. You can use your electric appliances in Kenya, if the standard voltage in your country is in between 220 - 240 V. Please see an example of the plugs used below:



Security

Like many other large cities in the world, Nairobi has its share of security problems and you are advised to take the necessary precautions to avoid being the victim of crime:

Emergency Contacts: Emergency security number for Nairobi Police is 999 or 112. However, the following staff members can be reached in case of any emergency



Please do not hesitate to contact Ngugi Kimani for any help and/or clarification on logistical issues please use the contacts below:

- Ngugi Kimani the email is mkimani@rcmrd.org Phone: +254721324886 or
- Job Mwangi the email is jmwangi@rcmrd.org Phone: +254701165626

Social Media Pages and Online Presence

- [Twitter Page](#)
- [Facebook](#)
- [LinkedIn](#)
- [Website](#)

AGENDA

DAY 1: Monday 20-March-2023		
8:30am to 9:30am	Registration	<ul style="list-style-type: none"> • Arrival of Participants and Registration
9:30am to 10:30am Conference Room Plenary (Ground Floor)	Session 1: Introductory, setting the scene and opening remarks <i>Facilitator - Ngugi</i>	<ul style="list-style-type: none"> • Welcome and Registration • Self-Introduction of participants • Training overview, objectives and social media channels • Opening remarks from RCMRD, IUCN, EU-JRC & UNEP-WCMC • Group Photo
10:30am to 11:00am	Health Break	
11:15am to 12:00pm Conference Room Plenary (Ground Floor)	SESSION 2: Regional Resource Hub (RRH) Presentation <i>Facilitator - Ngugi</i>	<ul style="list-style-type: none"> • Participants Expectations • What is the RRH? What RRH offers in terms of services and tools? • Why do we need the RRH? To whom and for what (informed decision making) • What RRH is doing in partnership with the Regional Commissions? • Introduction to ESA Hub portal • Protected Ares Dashboard per Country and Regional





<p>12:00pm to 12:30pm</p> <p>Conference Room Plenary (Ground Floor)</p>	<p>SESSION 3:</p> <p>Data Contribution: Protected Areas & Conserved Areas data</p> <p><i>Facilitators - Erick and Jasmin</i></p>	<ul style="list-style-type: none"> • Who is UNEP-WCMC and their role in RRH • PA Global Biodiversity Target • Overview of the Protected Planet Initiative and its linkages to the RRH • Collaboration with the RRH and data for decision-making • Requirements by the countries (data standards, data contributor form, data sharing guidelines) • Data verification • Who can contribute data • Target Data users
<p>12:30pm to 2:00pm</p>	<p>Lunch Break</p>	
<p>2:15pm to 3:30pm</p> <p>Conference Room Plenary (Ground Floor)</p>	<p>SESSION 4:</p> <p>Data Contribution: Protected Areas & Conserved Areas data</p> <p><i>Facilitators - Erick and Jasmin</i></p>	<ul style="list-style-type: none"> • How are the countries performing in terms of the data updates • Priority Countries • Accessing data from the RRH or Protected Planet per country, region or protected area • Discussion: How to contribute data, mandated institutions and data consumers
<p>3:30pm to 4:00pm</p>	<p>Health Break</p>	
<p>4:15pm to 5:00pm</p> <p>Two Parallels Sessions</p>	<p>SESSION 5a:</p> <p><i>Parallels Session 1</i> Conference Room Plenary (Ground Floor)</p> <p><i>Moderator - Claudia</i></p>	<ul style="list-style-type: none"> • Protected Area system in Tanzania, their conservation and management challenges – <i>Zacharia Wambura</i> • Invasive Species Mapping in Kenya's North Rangelands – <i>Edward Ouko</i>
	<p>SESSION 5b:</p> <p>Computer Lab Hands-on exercise (B7 room at First Floor)</p> <p><i>Facilitators – Erick, Jasmin & Isaac</i></p>	<ul style="list-style-type: none"> • Demonstration of the RRH Dashboard & Protected Planet to access and extract data per country and region • One-to-one sessions to go through the data and make any changes



DAY 2: Tuesday 21-March-2023		
9:15am to 9:30am	Recap	<ul style="list-style-type: none"> Overview of previous day & highlight of the day's session
9:30am to 10:30am Conference Room Plenary (Ground Floor)	SESSION 1: Global Perspective of Regional Reference Information System (RRIS) tool to supporting effective conservation <i>Facilitator – Claudia & Falko</i>	<ul style="list-style-type: none"> Who is EU-JRC and JRC support for projects in Eastern Africa Contribution and the role of JRC in supporting in the Regional Resource Hub Africa Knowledge Platform & Digital Observatory for Protected Areas (DOPA) Overview of the RRIS as an integrated for supporting effective conservation Global Context of the Reference Information System (RIS) Partnerships delivering the RIS Services offered to the RRH by the RIS
10:30am to 11:00am	Health Break	
11:15am to 12:15pm Conference Room Plenary (Ground Floor)	SESSION 2: Regional Perspective of Regional Reference Information System (RRIS) tool to supporting effective conservation <i>Facilitator – Isaac, Claudia)</i>	<ul style="list-style-type: none"> Overview of the RRIS as an integrated tool for supporting effective conservation Various ways of accessing the RRIS How to find data at national and regional level How can the RRIS help monitor progress on national and regional conservation targets Discussion: How to contribute to policies and indicators?
12:15pm to 12:45pm	<i>Facilitators -Job & Isaac</i>	<ul style="list-style-type: none"> Visit to the RRH Office, Computer Lab and Data Office Section
12:45pm to 2:15pm	Lunch Break	
2:15pm to 3:30pm Conference Room Plenary (Ground Floor)	SESSION 3: Protected Areas Management Effectiveness (PAME) & Protected Areas Governance and Equity (PAGE)	<ul style="list-style-type: none"> Tools are used in conservation and management of protected areas e.g., IMET, METT How are systems used for monitoring and evaluation for effective management of protected areas and Reporting Protected Areas Governance and Equity Are there users who would be interested in the PAME & PAGE tools





	<i>Facilitators – Claudia & Falko</i>	
3:30pm to 4:00pm	Health Break	
4:15pm to 5:00pm	SESSION 4a: <i>Parallels Session 1</i> Conference Room (Ground Floor) <i>Moderator – Jasmin and Erick</i>	<ul style="list-style-type: none"> Lessons learnt from Eastern Africa Forest Observatory (OFESA) by Center for International Forestry Research on: <ul style="list-style-type: none"> Community Monitoring - <i>Ivy</i> Governance Framework engagements - <i>Douglas</i>
	SESSION 4b: <i>Parallels Session 2</i> Computer Lab Hands-on exercise (B7 room at First Floor) <i>Facilitators – Isaac & Falko</i>	<ul style="list-style-type: none"> Computer Lab Hands on Demo of the Regional RIS How to find data at national and regional level How can the RRIS help monitor progress on national and regional conservation targets

DAY 3: Wednesday 22-March-2023		
9:15am to 9:30am	Recap	<ul style="list-style-type: none"> Overview of previous day & highlight of the day's session
9:30am to 10:30am Conference Room Plenary (Ground Floor)	SESSION 1: Conservation Program Opportunities (Part 1) <i>Moderator - Njeri Maina</i>	<ul style="list-style-type: none"> Planet Labs – About Planet, Norway's International Climate and Forest Initiative (NICFI) Data Program, its usage in the conservation and restoration areas, and carbon credit. <i>Luisa Teixeira</i>
10:30am to 11:00am	Health Break	
11:15am to 12:30pm Conference Room Plenary (Ground Floor)	SESSION 2: Conservation Program Opportunities (Part 2)	<ul style="list-style-type: none"> Esri Conservation Programs - Preserving biodiversity with GIS so as to achieve sustainable conservation with the power of geography – <i>Pauline Okeyo</i>



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	<i>Moderator - Jasmin</i>	
12:30pm to 2:00pm	Lunch Break	
<p>2:15pm to 3:30pm</p> <p>Conference Room Plenary (Ground Floor)</p>	<p>SESSION 3:</p> <p>Conservation Program Opportunities (Part 3)</p> <p><i>Moderator - Falko</i></p>	<ul style="list-style-type: none"> • Kenya Forest Service Alert System – <i>Richard Ngugi</i> • Empowering communities through participatory data systems to improve marine protected areas management and governance in Madagascar- <i>Tahiry Randrianjafimanana</i> • Wetlands Monitoring and Assessment Sudd Wetland – <i>Josphat & Pauline</i>
3:30pm to 4:00pm	Health Break	
<p>4:15pm to 5:00pm</p>	<p>SESSION 4a:</p> <p><i>Parallels Session 1</i></p> <p>Conference Room (Ground Floor)</p> <p>Moderator - Claudia</p>	<ul style="list-style-type: none"> • Modelling Masai Giraffe Habitat Suitability and connectivity using GEE at Landscape level in Tsavo Mkomazi ecosystem by Africa Wildlife Foundation - <i>Amos Chege</i> • Using Data Science to Support Decision Making in Protected Areas by Eswatini National Trust Commission - <i>Zakhe Dlamini</i>
	<p>SESSION 4b:</p> <p>Computer Lab Hands-on exercise (B7 room at First Floor)</p> <p><i>Facilitator - Isaac</i></p>	<ul style="list-style-type: none"> • Mobile Data Collection - Erick and Jasmin





DAY 4: Thursday 23-March-2023		
9:15am to 9:30am	Recap	<ul style="list-style-type: none"> Overview of previous day & highlight of the day's session
9:30am to 10:30am Conference Room Plenary (Ground Floor)	SESSION 1: SOPACA Knowledge Products, Convention on Biological Diversity (CBD) Targets and Global Biodiversity Framework <i>Facilitators – Christine, Yvonne & Job</i>	<ul style="list-style-type: none"> What is it State of Protected and Conserved Areas Report (SOPACA) Highlights and take aways of SOPACA 1 (2020 Edition) SOPACA II Development Roadmap (2023 Edition) Upcoming National Engagements What is the Convention on Biological Diversity (CBD) and the Global Biodiversity Framework (GBF) Role of the RRH in assisting countries to achieve CBD and GBF targets
10:30am to 11:00am	Health Break	
11:15am to 12:30pm Conference Room Plenary (Ground Floor)	SESSION 2: Organization engaging in Biodiversity Conservation <i>Moderator - Falko</i>	<ul style="list-style-type: none"> Africa Wildlife Foundation – <i>Dr. Phillip Muruthi</i> The Nature Conservancy – <i>Irene Muthuka</i> Land Use Land Cover and Change Mapping Service – <i>Phoebe</i>
Lunch Break		
2:15pm to 3:30pm Conference Room Plenary (Ground Floor)	SESSION 3: Knowledge & Experience Sharing <i>Moderator - Ngugi</i>	<ul style="list-style-type: none"> Food and Agriculture organization (FAO) - Botswana Land Degradation Monitoring System - <i>Lesika Basalumi</i> What are Other Effective Area-based Management Mechanism (OECM)- <i>Erick & Yvonne</i> Ngamiland Council of Non-Governmental Organization (NCONGO) Botswana - <i>Letlhogonolo Kamuti</i>
3:30pm to 4:00pm	Health Break	
4:15pm to 5:00pm	SESSION 4a: <i>Parallels Session 1</i> Conference Room (Ground Floor) <i>Moderator - Erick</i>	<ul style="list-style-type: none"> Mapping Biodiversity Priorities in Africa Project, Ethiopia Biodiversity Institute Geoportal – <i>Tariku Geda</i>



	<p>SESSION 4b: <i>Parallels Session 2</i></p> <p>Computer Lab Hands-on exercise (B7 room at First Floor)</p> <p><i>Moderator- Isaac</i></p>	<ul style="list-style-type: none"> • Computer Lab Hands on Demo of Esri Conservation Program tools – <i>Pauline Okeyo, Esri</i>

DAY 5: Friday 24-March-2023		
9:15am to 9:30am	Recap	<ul style="list-style-type: none"> • Overview of previous day & highlight of the day's session
9:30am to 10:30am	<p>SESSION 1: Community of Practice</p> <p>Conference Room (Ground Floor)</p> <p><i>Moderator Erick and Isaac</i></p>	<ul style="list-style-type: none"> • RRH Community of Practice • Objectives and envisioned functions • What is it and who can join? • Champions for each thematic area • Linkages with other key projects GMES & OFESA
10:30am to 11:00am	Health Break	
11:15am to 12:00pm	<p>SESSION 2: Policy & Visibility</p> <p>Conference Room (Ground Floor)</p> <p><i>Moderator - Ngugi</i></p>	<ul style="list-style-type: none"> • Policy Engagements - Yvonne • Communication Tools & Channels – Job • Way forward • Date for the next data workshop in 2024
Arranging the Conference Room		
12:15pm to 1:00pm	<p>SESSION 3: Closing</p> <p>Conference Room (Ground Floor)</p> <p><i>Facilitator Ngugi</i></p>	<ul style="list-style-type: none"> • Vote of thanks by two participants • Remarks from IUCN, JRC, UN-WCMC and RCMRD • Graduation: Issuance of Certificates & Awards • Closure
1:00pm to 2:00pm	Lunch Break and Departure	

