## Transforming Geo-Spatial Data to Web Map **Service Solutions**



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## Why this project?

The purpose of this is to improve the stakeholder's access and awareness of various outputs that are generated by SERVIR E&S Africa service areas. Some of these outputs are geospatial data, maps, tools/application and geoportals. This ultimately leads to informed decision making.

## **Approach/Project Activities**

### **Objectives**

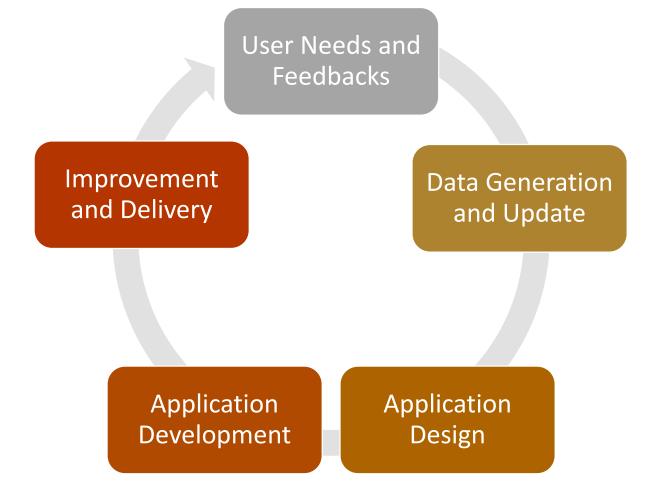
- To improve access and awareness of geospatial data in the region
- To enhance the institution capacity to share data through various online platforms
- To develop tools and applications that address users needs in decision making
- To provide capacity building for users to use these products

## **Outcomes/Anticipated Impacts**

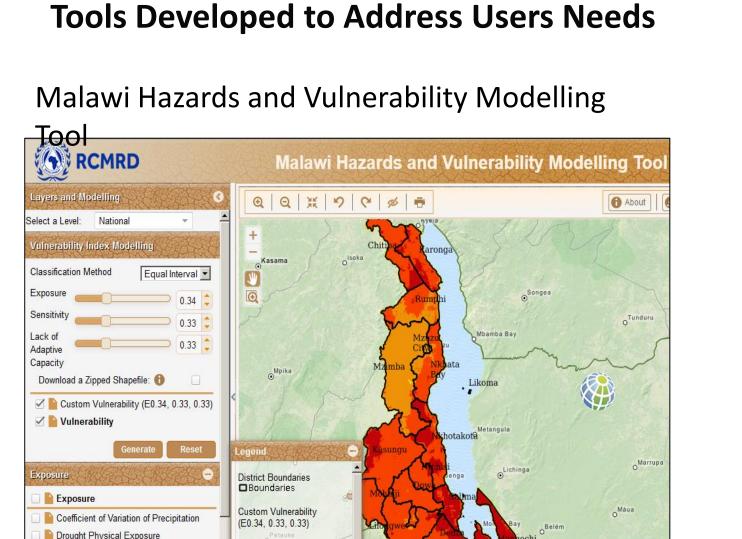
## **Project Partners & End Users**

- Government institutions and departments in all sectors
- ► NGOs
- Private institutions
- General public
- Academic institutions of higher learning



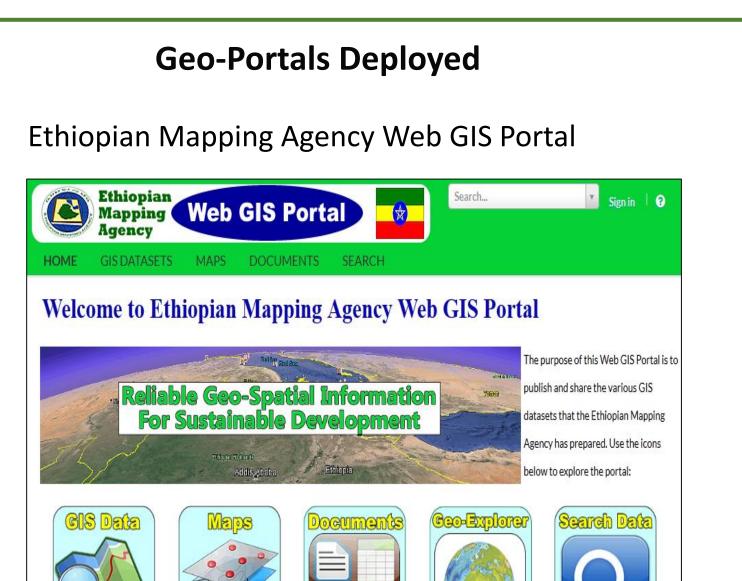


User Driven Application development cycle



- Improved availability and usage of geospatial data in the region
- Improved capacity to use web based application by users
- Increased awareness on the importance of data sharing
- Simplified and cheaper data visualization without the need for a desktop applications

Results



The launch of Ethiopian Mapping Agency Web GIS Portal in Addis Ababa during the Conference of Ministers

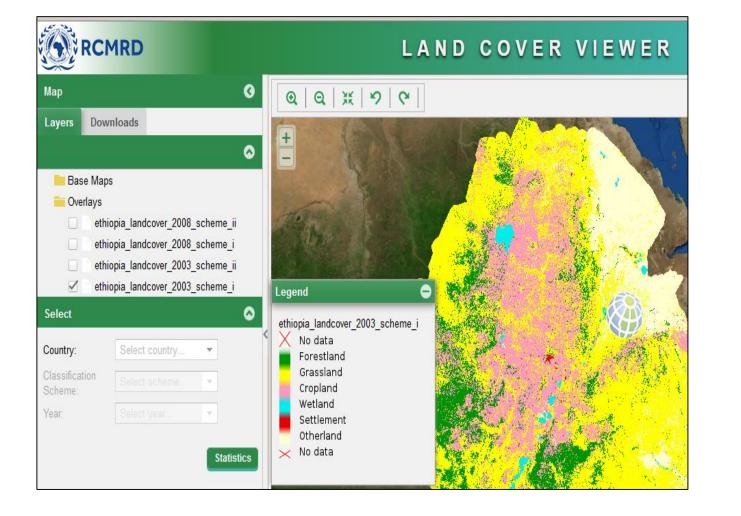
# Apps Portal for accessing tools and applications Gpps portal

**Data Access & Awareness** 

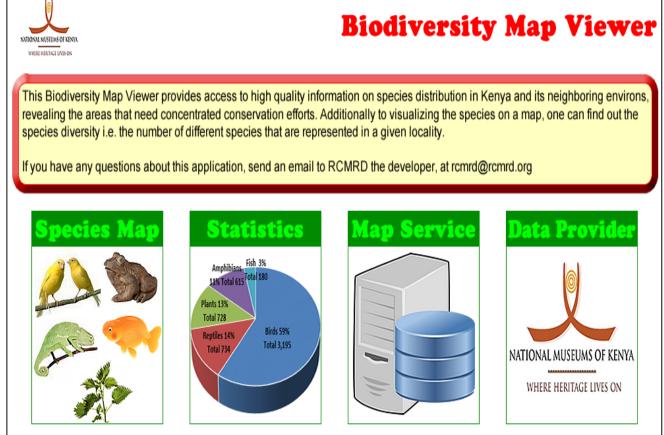




### Land Cover Viewer to support Green House Gas



### **Biodiversity Map Viewer for Museums of Kenya**





#### Rwanda Spatial Data Portal for Disaster Risk Reduction



### **Rwanda-SpIDeRR**

DDeRR (Spatial Information and Data Portal for Disaster Risk Reduction) is a one-stop data and information coordination atform for DRR in Rwanda. The Regional Centre for Mapping of Resources for Development (RCMRD) and SERVIR-Eastern outhern Africa partnered with the Rwanda Ministry of Disaster Management and Refugee Affairs (MIDIMAR) and other ational stakeholders to develop and establish SpIDeRR to enhance the capacity of the ministry and other stakeholders in their his portal is intended to give MIDIMAR and other allied agencies a platform where they can share data and information including documents that are relevant to any of the different phases of DRR. Besides these, the general public can also access ata and information available in SpIDeRR and visualize maps and statistics available through the portal.

### Lesotho Committee on Environmental Data Portal



Innovatively addressing land Eastern Africa Coastal **Erosion Hotspots** resource problems in Kenya

**RCMRD Member States** 







