SERVIR
Connecting Space to Village

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SERVIR
Linking Science to End User Needs

Science

End User Needs

Courtesy: alifayre
What We Do

- Identify needs in SERVIR regions
- Link science products from research institutions to meet those needs through improved access to data, models, online maps, and visualizations
- Build capacity of regional institutions, stakeholders, and young professionals
- Strengthen partnerships and foster collaboration across SERVIR network
SERVIR Thematic Service Areas

• Water and related disasters

• Agriculture and food security

• Weather and Climate

• Land Cover and Ecosystems
  – Several efforts are underway within SERVIR, today only highlighting SERVIR Eastern and Southern Africa’s Land Cover Mapping initiative
Collaboration started in support of GHG emissions inventory effort led by US EPA and UNFCCC in 2012.

Countries included in creating land cover maps in collaboration with ministries:

- Malawi
- Rwanda
- Tanzania
- Zambia
- Namibia
- Botswana
- Ethiopia
- Uganda
- Lesotho
Co-Development of Land Cover Maps

Ancillary Data Collection Workshops at government ministries

Field Data Collection in Collaboration with ministries

Capacity Building through Visiting Scientist Programs
Namibia Land Cover Maps
Uganda Land Cover Maps
As a direct result of SERVIR land cover effort in Rwanda, the World Bank is now supporting natural capital accounting effort at Rwanda Natural Resources Authority with support from SERVIR.
So far in past 4 years....

- 40 Land Cover maps for the nine countries have been developed in collaboration with government ministries

- Over 120 people trained on generation of land cover maps

- Online platform for accessing maps developed

- Network with over 50 institutions in the established.

- Countries have been able to develop their own Land Cover maps from training given: Zambia (1990), Ethiopia (2015), Rwanda (2015)
Product Catalogue

SERVIRcatalog.net / SERVIRcatalogue.net
• SERVIR is a link between Earth observations and end user decision making in developing countries.

• SERVIR efforts are led by the needs of the region. Land cover mapping is a classic example of SERVIR’s efforts to build capacity in the region.

• Presence of SERVIR Hub, a technical institution with regional governmental support, makes the linkage sustainable.