Contribution by

Group on Earth Observation Secretariat

GEOSS for Africa

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Photovoltaic Solar Electricity Potential in the Mediterranean Basin, Africa, and Southwest Asia

GEONETCast, CBERS, SERVIR, Sand and Dust Storm Warning System, AEGOS, Wildland Fire Early Warning System, Puma, AMESD and GMES Africa, BIOTA, TIGER, SoDa, MERIT, African Protected Areas, ClimDev Africa, ChlorOGiN, AfricaGeoSat1
AfriGEOSS: Building GEOSS in Africa
African Participation in GEO

**Member Nations:**
- Algeria
- Burkina Faso
- Cameroon
- Central African Republic
- Congo, Republic of the
- Egypt
- Ethiopia
- Gabon
- Ghana
- Guinea-Bissau
- Guinea, Republic of
- Ivory Coast
- Mali
- Mauritius
- Morocco
- Niger
- Nigeria
- South Africa
- Sudan
- Tunisia
- Uganda

**Participating Organizations:**
- AARSE
- ACMAD
- EIS-Africa
- RCMRD
- UNECA
AfriGEOSS objectives

- Coordinate and bring together relevant stakeholders, institutions and agencies across Africa that are involved in GEO and other Earth observation activities;
- Provide a platform for countries to participate in GEO and to contribute to GEOSS;
- Assist in knowledge sharing and global collaborations;
- Identify challenges, gaps and opportunities for African contributions to GEO and GEOSS;
- Leverage existing capacities and planned assets and resources; and
- Develop an appropriate strategy and participatory model for achieving the above goals.
Priority Actions

- Engage with regional agencies and training centres
- Coordinate satellite infrastructure pilot projects
  - Coordinate data acquisition strategy for Africa.
  - African Resources and Environmental Management Constellation (ARMC)
  - AfricaGeoSat-1 Project
  - African Monitoring of the Environment for Sustainable Development (AMESD) and Monitoring of Environment and Security in Africa (MESA)
- Coordinate application pilot projects
  - Bio-Energy Atlas for Africa.
  - GEO Forest Carbon Tracking (FCT) and Global Forest Observations Initiatives (GFOI)
  - The Meningitis Risk and Information Technology project (MERIT)
  - GEO-GLAM
Priority Actions contd

• Promote data democracy and data sharing
  – focusing on four pillars of data democracy
  – advancing data sharing principles and action plan (ID-01)

• Organise sessions on GEO and GEOSS at premier African conferences
  – AARSE, AfricaGIS

• Organise regional workshops
  – East, Central, North, West, South regions
Thank you!