Aftermath of the Ghana Technical Advisory Mission

Living with the Risk

By ACDCO

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OUTLINE

✓ Consortium of state agencies using geospatial imagery;
✓ Disaster Risk Reduction management;
✓ Thematic operational areas:
  . Food security
  . Water resources and disasters
  . Weather and climate
  . Land cover/land use and ecosystems
✓ Capacity building facilities identification;
✓ Conclusion
CONSORTIUM OF STATE AGENCIES USING GEOSPATIAL IMAGERY

RISK DEFINITION & DATA ASSESSMENT

Risk = hazard \times \text{vulnerability} / \text{capacity}

Capacity: in current situation = 1 (reference situation)
DISASTER RISK REDUCTION MANAGEMENT;
THEMATIC OPERATIONAL AREAS

User Engagement

Demand-Driven Solutions on Existing Risks

Capacity & Product Structuring

Workshops & Training On Earth Observation/Real-time Imagery
Indictors for the loss of Livestock, livelihood, meteorological conditions, ecosystem

 Destruction areas: Loss of property
CAPACITY BUILDING FACILITIES IDENTIFICATION

- Thresholds boundaries identified
- Public responsiveness to early warning systems
- Vulnerable periods and their hot spots
- Course-plotting maps and their upsurge velocities
CONCLUSION

1. Developing products and services for:
   • Disaster Management (Flood, Desertification and Disease Risk Mapping)
   • Land Degradation and GHG Emission Monitoring
   • Land Use Land Cover Change
   • Crop Area and Yield Statistics
   • Coastal Zone Monitoring

2. Stakeholder engagements to enhance the uptake of geospatial data and services

3. Capacity development in Real-Time Earth Observation Modules
THANK YOU
WELCOME TO GHANA