Societal Resilience using Space Technology - Ghana as a case study

UN-SPIDER, GHANA PARTNERSHIP

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National Disaster Management Organisation (NADMO - GHANA)
1. The Genesis of Ghana’s Risks Identification and Management
2. The Support of Space Data Management
3. The Model of Collaboration
4. The Synergy of In-situ and Space Data Management
The Genesis of Ghana’s Risks Identification and Management

The Technical Advisory Mission (TAM) to Ghana

CONSORTIUM OF STATE AGENCIES USING GEOSPATIAL IMAGERIES

National Emergency Operation Centre (EOC)
The Support of Space Data Management

Famine Early Warning System (FEWS) and Communities Resilience Early Warning System (CREWS) projects resulted in Rainsat Ghana. Finance sourced by USAID and UNDP respectively to support this good initiative of UN-SPIDER.

A community of practice that involves Communities and Regional resilience in one part international and multinational partnership and interest in the other.
The Model of Collaboration

DISASTER RISK REDUCTION MANAGEMENT; THEMATIC OPERATIONAL AREAS

- Workshops & Training On Earth Observation/Real-time Imagery
- Capacity & Product Structuring
- Demand-Driven Solutions on Existing Risks
- User Engagement
The AIRS – Atmospheric Infrared Sounder – instrument on Aqua measured carbon dioxide a few thousand feet above the surface.


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Model Analysis Of Development Arrangement

Centre for Remote Sensing and Geographic Information Services (CERSGIS)
Indictors for the loss of Livestock, livelihood, meteorological conditions, ecosystem

Destruction areas: Loss of property
THANK YOU
WELCOME TO GHANA