



## GEO SAHEL: DATA MANAGEMENT AND MAPPING PLATFORM

### WHAT IS GEO SAHEL?

Action Against Hunger is developing a **data management and mapping platform** for its field and remote-sensing data in West Africa. The goal of this project is to develop a **platform that can harness a multitude of data including:** nutrition indicators, water/sanitation, food security surveys and demographic data among others.

In this portal people can find all information that is collected in this program as well as datasets which have been made available by others. All maps can be accessed by a web-based viewer to allow users (mainly field staff) to access and **easily map datasets from a variety of sources.**

The platform is user-friendly enough for non-technicians to use, but powerful enough to deal with large datasets covering the West African region. The project is being managed by ACF's West Africa Regional Office in Dakar, Senegal.

### WHAT TYPES OF MAPS ARE AVAILABLE AND HOW TO ACCESS THEM?

- Nutrition
- Agriculture: Biomass maps, agricultural activities in Niger, Biomass anomaly maps, type of vegetation covering the land,
- Livestock: livestock season maps (dry season, rainy season and cold season (transition areas); these maps can be mixed with water access anomaly and biomass maps such as anomaly, production, vulnerability.
- Health: clinics and hospitals in certain areas
- Water and Sanitation: Water access anomalies.
- Administrative regions
- Bing maps: political and geographic maps provided by Bing.
- ACF Interventions
- Hazards: seasonal predictions of dry and rainfalls areas, together with biomass maps.

Maps are available in the following site:

<http://www.geosahel.info/Choosemap.aspx>

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