



AGRHYMET Regional Centre



Monitoring For Environment and Security in Africa (MESA)






Water Management for Cropland and Rangeland



AGRHYMET Regional Centre, a specialized institution of the permanent interstate committee for drought control in the Sahel (CILSS) is hired by ECOWAS for the implementation of the MESA project with the Theme « Water management for Cropland and Rangeland » in the fourteen(14) countries of ECOWAS including Mauritania and Chad.

This theme will permit to set up three (3) main information services coming from earth observation what will permit political decision makers and other responsible of the West African Sub-Region to take more effective decisions.

The 3 services of ECOWAS Thema

The Crop service	The Pastoralism service	The Bushfire service
<p>It monitors the crop situation (advance or tardiness of the setting up conditions, Satisfaction level in terms of water supply) and provide result perspectives for the food security early warning.</p> 	<p>It monitors the situation of rangelands (vegetation front advance or tardiness compared to the average, potential production of the forage biomass), the surface water bodies (beginning and dryness), in order to support the decision taking.</p> 	<p>It provides indications on Bushfire risks (areas at risk of fire before the fire), the monitoring of active fires and the evaluation of the burn areas for an effective decision in the domain of environment management.</p> 

AGRHYMET REGIONAL CENTRE is as well in charge of :

- Coordinate the MESA Thema Land activities at the level of ECOWAS area
- Set up national work groups and a regional network of the MESA information and products users. The assignment of each national group is to do the promotion of MESA activities at national level and also to the partners.
- Enable the access of MESA information to the recipients
- Promote a discussion forum to evaluate the relevance and the efficiency of MESA operational products and do recommendation for the post MESA.