

OUR MISSION

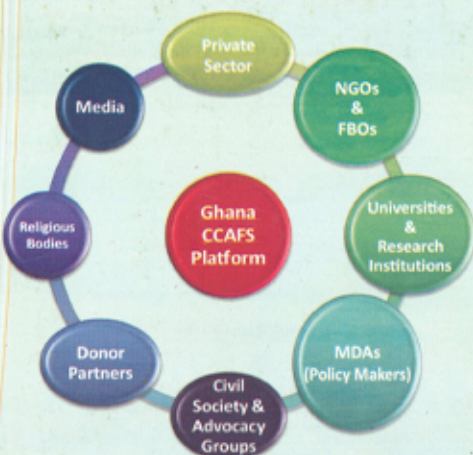
Our mission is to serve as a Climate Change Agriculture and Food Security Exchange Platform in Ghana that will provide technical backstopping to support and enable effective coordination, dialogue and sharing of information on adaptation to climate change at all levels. As well as develop linkages that will feed into the regional CORAF/IDRC platform of exchange between researchers and policy-makers.

OUR VISION

Our vision is to build up Ghana Climate Change Agriculture and Food Security Platform that will bring a unified voice and priority needs to the national and regional platforms of exchange between researchers and policy makers.

GHANA CCAFS PLATFORM'S DIVERSITY OF ACTORS FOR DIALOGUE

This platform recognizes the need for plurality and cooperation between sectors to achieve successful livelihood outcomes in the face of climate change.



The Deputy Ministers for MESTI & MOTI with DG of CSIR during the Platform launching



Cross section of Participant during an information sharing session



Field Visit by the Core Team to aquaponic farm

CONTACT US

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GHANA CLIMATE CHANGE AGRICULTURE AND FOOD SECURITY PLATFORM

Platform for Information Sharing and Learning to Improve Livelihoods



Food Security underpins the stability and prosperity of societies, as evidenced by recent food crisis around the world. Global food systems are facing unprecedented and ever increasing pressure from climate change. The general consequences of climate change are becoming increasingly well-known globally, great uncertainty remains about how the effects of climate change will play out in specific locations.

The UNFCCC defined Climate Change (CC): "A change of climate which is attributed directly or indirectly to human activity that alters the composition of the global atmosphere and which is in addition to natural climate variability over comparable time periods" Climate change presents a complex, cross-sector challenge. Both mitigation and adaptation efforts will require a coordinated response across institutions, both public and private. Substantial body of scientific literature describes these effects as:

- Shifts in species distributions
- Decoupling of coevolved interactions, such as plant-pollinator relationships
- Reductions in specie population sizes
- Extinction or extirpation of range-restricted or isolated species and populations
- Loss of habitat due to increased fire frequency, drought, floods, etc.
- Direct warming of habitats.
- Increased spread of wildlife diseases, parasites, and zoonosis
- Increased spread of invasive or nonnative species, including plants, animals and pathogens



Major challenges in Ghana's agricultural sector include inadequate irrigation and water management facilities (and reliance on rain-fed systems), limited access to credit for rural producers, low levels of mechanization, and minimal knowledge transfer between research and end users. Climate change will exacerbate these existing challenges in Ghana through erratic and unpredictable rainfall patterns and intensity, a gradual rise in mean temperatures across the country, and the emergence of new pests and diseases.

WHY THE PLATFORM?

Various governmental and research institutions, academia, private sector and individuals have initiated programmes and projects aimed at delivering on Climate Smart Agriculture (CSA) to enhance livelihoods, increased agricultural production and sustainable socio-economic development. However, the activities of these stakeholders in the climate change arena appear isolated, disjointed and uncoordinated to reap desired maximum benefits through knowledge and information sharing and utilization at all levels. CCAFS was launched in West Africa in 2010. Partnership was extended to CSIR-Ghana through project collaborative mechanisms of Consultative meetings, Workshops, Training, and Field Level implementation and National Mobilization workshop where decision was taken by over 50 participants to firm up platform for information sharing in CCA. The Goal of Ghana-CCAFS Platform is: To enhance climate change adaptation in the agricultural sector in rural communities in Ghana through exchange of information. Specific objectives are:

1. To network and interact regularly to develop Ghana's priorities and needs for adaptation to climate change to feed *Africa Interact* at the ECOWAS sub-regional-level.
2. Share policy status and options for climate change adaptation and mitigation in agriculture.
3. Ensure widespread dissemination of outputs (e.g. policy briefs, reports, releases) through CCAFS, CORAF websites and portals for example *Africa Adapt*
4. Identify related research needs and priorities.
5. Build capacities enhancing change and adaptation to climate change effects at the local, national and sub-regional levels

