

Improving food and nutrition security by smallholders in a context of conflict, climate change and sanitary in Mali

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Abstract

If we talk about famine, the whole world is looking to Africa. With the largest arable land in the world and a relatively young population than other continents, a large part of this population is living in rural areas (production area), Africa has suffered for decades from food insecurity. This is a paradox, which can be explained by the combination of several factors. Knowing that the sovereignty of countries is partly linked to its capacity to ensure the food and nutritional security of its population; Africa remains from far away to be able to ensure this food security so much excepted. Every year millions of people are threatened or die of hunger and malnutrition in sub-Saharan African countries, according to the Food Security Cluster.

Despite this negative description and in a situation of conflict, climate change aggravated by the Covid-19 pandemic; some smallholders contribute or even significantly improve the food and nutritional security situation in Mali. With the application of the climate-smart agriculture (CSA) technologies such as Contour Bunding (CB), Microdosing (MD), Intercropping (IC), Zaï pits, and Adapted crop Variety (AV) treatments, and evaluated their contribution to smallholder households' food self-sufficiency.

So, will Africa be able to continue to depend on production surpluses from other countries / continents or should it address the constraints of recurring food and nutritional insecurities in a constantly changing world?

Biography

Seydou Sangare has completed his first Master at the age of 24 years from Bamako University, Mali. He is nowadays following another Master class in International Cooperation and Humanitarian Aid in Kalu Institute. He is Food security and nutritional project manager in a Spanish NGO, Mali. He has taken part in publication of "Contribution of Climate-Smart Agriculture Technologies to Food Self-Sufficiency of Smallholder Households in Mali". Through the implementation of the projects, he has also published more than 20 small articles to inform the citizens of Sevilla about the food and nutrition security situation in Mali. Finally, he has delivered many projects related in food and nutrition security.

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