



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

MAY | News & Updates



Student Defends Thesis to Become an Agricultural Engineer

Improving Food and Nutrition Security in Senegal and Niger

Congratulations to Fatou Ndiaye for recently successfully defending her thesis! Ndiaye is studying at the University of Bambey in Senegal.

"As in any scientific research activity, I have to encounter some difficulties related in particular to synthesizing the ideas and results that appeared during my work for composing my thesis. This really delayed me. This great scientific rigor and the relevant suggestions from others at SIIL gave me the courage to continue my work. Along with that, the concern for my work well done

motivated me and gave me the most encouragement. Today I am happy to be able to defend my thesis to be an Agricultural Engineer!"

Journal of Agriculture, Food Systems and Community Development Publishes Article on Wild Gardening as a Sustainable Strategy in Northwest Cambodia

The SILL would like to send congratulations to Pennsylvania State University's Sarah Eissler, who had her work published in the Journal of Agriculture, Food Systems, and Community Development (JAFSCD). Eissler's paper titled, "Wild gardening as a sustainable intensification strategy in northwest Cambodian smallholder systems," examines the relationship between Sustainable Intensification and the future of food security and how Cambodian farmers are assessing the modern approach of wild gardening practices.

[Read Article Here!](#)

Student and Intern Highlights



Talla Lo

Improving Food and Nutrition Security in Senegal and Niger.

Talla is earning his Ph.D. in Animal Science at the University of Thies.

"There are difficulties in both two trials often linked to stockouts but these difficulties are felt a lot more in the farming environment mainly because of the inaccessibility to the sites due to the spatial distribution which poses enormous difficulties for taking parameters on time. In addition to that, the problems of unavailability of project funds



Chakriya Norng
CE SAIN Cambodia

Chakriya is earning her Ph.D. in Food Science at the Royal University of Agriculture.

Chakriya Norng's major tasks involve training farmers for the technical and economic improvement of rice liquor production and also managed all concerns to the production process from 2012 to 2019. In 2018, she was awarded the scholarship grant by the Center of Excellence on Sustainable Agricultural Intensification and Nutrition (CE SAIN) for her Doctorate of Agricultural Science major in Food Science in RUA. With her Ph.D. she studies locally grown young muskmelon because this is an important crop in Cambodia. However, information regarding the

often cause stock shortages of concentrated feed and the normal conduct of field missions to correctly monitor the trials on time. Despite this, our ambition to finalize the thesis remains intact because we are convinced that the work we are doing will definitely improve the challenging food and nutritional security of our livestock in the peanut basin of Senegal."

quality and safety of local fermented muskmelon from different retail outlets in Cambodia is limited. Because of this Norng suggested that there is a need for these local processors to learn the basic concepts of "Good Manufacturing Practices or Good Hygiene Practices" to produce consistently good quality and safe products and be competitive in the local or international market.



Malick Thiaw

ASMIH - West Africa

Thiaw is earning his Bachelor's degree in Agricultural Engineering at ISFAR - University of Bambey.

"As any scientific work is never free of difficulties, mine will not be an exception. The start of our study coincided with the arrival of COVID-19 in Senegal, which greatly delayed our planning with the state of emergency. It caused the closure of all the agricultural research centers in the country. Nevertheless, our scientific supervisor did not spare any effort to the good continuation of our study in the best conditions. It was sometimes difficult for us with the pressure but it was necessary for the good success of our work. In addition, very good conditions were made available to us to carry out this work with a lot of theoretical and practical teaching in the research. This study allowed us to broaden our knowledge in the framework of research but also in professional life with seminars and missions sometimes assisted from which we drew much experience."

Current and Future Challenges and Opportunities for Livestock in Senegal

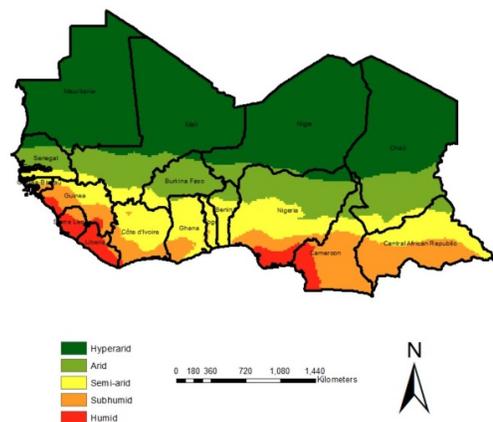


Eeswaran Rasu is a Ph.D. candidate at Michigan State University who specializes in the Digital Tools, Geospatial and Farming Systems

Consortium (DGFSC), funded by the SIIL. He conducted a review to identify challenges and opportunities for different livestock farming systems in Senegal which covered pastoral, agro-pastoral, and off-land systems which are the three unique major livestock production systems in Senegal.

[Click here](#) to read the full update from the DGFSC about the current and future challenges and opportunities for livestock in Senegal!

Agroecological zones in West Africa



Upcoming World Environment Day

June 5th, 2021 is recognized as World Environment Day. Find out below how you can get involved and celebrate!

Learn More
Here!



Collaborative Research on
Sustainable Intensification

