



FEED THE FUTURE

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



May | News & Updates

Initiative Update: Guertal Serves as Program Director

Beth Guertal is serving as the program director for the Center of Excellence on Mitigation, Adaptation, and Resilience to Climate-Change in Haiti led by the Sustainable Intensification Innovation Lab. Guertal is responsible for managing the center's day-to-day operations, supporting the center's vision and goals and serving as a leader in the national education, research and outreach community. Read the press release below to learn more.

[Read the Full Press Release Here!](#)

Consortium Update: Pearl Millet Innovation in Senegal

Nilson Vieira Junior is a Postdoctoral Researcher with the Digital Geospatial Farming System Consortium (DGFSC). He is currently working with crop modeling applied to intercropping and farming systems.



Pearl millet is the most cultivated cereal in Senegal and plays a critical role in food security for the livelihood of smallholder farmers and their communities. This is an essential crop because it can be used as human food and animal feed.

"Our main objective is to evaluate the interactions between genotype, environment (weather), and management to optimize management and develop regional recommendations for pearl millet systems in Senegal," explained Nilson.

After the DGFSC team runs simulations, they define the management standards for each region. Based on that, they compare between regions, and finally, they organize the information and propose possible interventions to improve the farming system in Senegal.

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Youth Engagement: Intern and Student Highlights



Sreypich Chhun

S3-Cambodia

Sreypich is earning her Master's degree in Agricultural Extension at the Royal University of Agriculture in Cambodia.

"I am currently pursuing my Master's degree in Agricultural Extension to explore more in the field of research; especially the research related to rural development, food security, and



Safiatou Sanna

Burkina Faso

Safiatou is earning her Ph.D. degree in Agronomy at the University of Joseph KI-ZERBO in Burkina Faso.

"The main objectives of my thesis project are the evaluation of the effect of cropping systems on the maintenance of soil fertility and the improvement of soil fertility through

nutrition. I have always urged myself to learn almost everything related to my research topic. It was difficult at the start because I had no idea where to begin and there are so many new things that I am not familiar with. However, due to my strong commitment to higher education and my supervising committees I've been able to fight through those obstacles with new learned experiences. I stay self-motivated every day and the more I learn, the more confidence I gain that soon I will be able to complete my research."

the use of cowpea mutants that fix atmospheric nitrogen. After the loss of these populations caused by field flooding, I was so disappointed that I nearly gave up on the thesis. I realized that dropping out would be synonymous with the inability to conduct thesis research and therefore, failure. In addition, considering the time it took to generate the lines, the funds used, and the deadlines to complete the thesis, we were compelled to reorient our objective to complete our goals and finish my degree."

SII Hosts International Scholars at Kansas State University

Kansas State University (KSU) is collaborating alongside Sher-e-Kashmir University of Agricultural Sciences and Technology (SKUAST) to host twelve undergraduate students for the summer. The students, who come from many regions of India, will visit for two months taking part in activities to provide a rich educational exchange experience. While at KSU the students will engage in both lab and fieldwork, participate with guest speakers and panels, and travel to surrounding agricultural universities for campus visits. The goal of the program is to expose the students to many different sectors of agriculture to encourage their participation in continuing in higher education.



Climate-Smart Government for Climate-Smart Agriculture



Read the Agrilinks blog post written by Eric Raile, funded by the Policy Research Consortium of the SII, where he assesses the importance of the widespread acceptance of climate-smart agriculture tools. Raile emphasizes the use of infrastructure and policymaking to help reach target profitability for the agriculture sector.

[Read the Blog Here!](#)

Upcoming Event: 2022 SII Annual Meeting



The SIIl will be hosting its 2022 Annual Meeting next month in Cambodia, June 23-25, 2022. We will receive highlights and updates regarding our current projects, consortia, and initiatives. We will also be hosting USAID representatives and individuals from external partners in Cambodia. Be sure to follow along on our social media for all the highlights!



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