



# FEED THE FUTURE

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

## January | News & Updates

### *Consortium Feature: Digital Tools, Geospatial and Farming Systems Consortium*



#### Drought Vulnerability to Improve Productivity in Senegal

Tara Ippolito is a Ph.D. student in the Environmental Studies Program, College of Arts and Science, at the University of Colorado, Boulder. She is currently studying the biophysical challenges faced by smallholder farmers in Senegal.

Tara explained that the project is in the exploratory phase, working on retrieving data, processing, data analysis, and developing scenarios. She thinks that this project will build on the current drought vulnerability

literature in the sub-Saharan Africa region.

Moving forward, she is hoping to build a scalable tool that can be utilized by farmers for decision-making purposes.

[Learn More Here!](#)

### *Project Feature: S3 Cambodia: Scaling Suitable Sustainable Technologies*

The S3 project is working to train as many farmers as possible in vegetable grafting technologies. The new Farmer-to-Farmer program in Cambodia is equipped to do just that. So when the Farmer-to-Farmer program asked S3 for help, they were

happy to collaborate!

Farmer-to-Farmer could not bring any Americans to Cambodia to do the grafting training, but the S3 technician from NUBB, Channaty Ngang, was already trained in grafting. Ngang was able to work with them to help train on grafting.

This collaboration helped to connect S3 to other farmer groups and also helped more farmers learn about grafting. We hope that through these collaborations more farmers will be able to use this technology to produce more vegetables in the wet season.



## *Youth Engagement: Intern and Student Highlights*



**Channa Rein**

*CE SAIN - Cambodia*

*Chan is interning at the Agricultural Technology Park in Battambang*

"My internship experience encouraged me to think of a collaboration with a group of friends to set up a farm where visitors can come to buy fresh vegetables as well as to taste the food made from our vegetables grown on the farm.

The setup will follow the Agricultural Technology Park (ATP) model and in the long run, I really want to create my own farm this is diverse, including vegetables and rice planting, livestock raising, and aquaculture practice which is similar to the ATP."



**Phon Chandy**

*CE SAIN - Cambodia*

*Chan is interning at the Agricultural Technology Park in Battambang*

"Spending time at the CE SAIN Agricultural Technology Park (ATP) in Battambang for nine months, I have learned more about agricultural techniques, planting, and harvest planting, fertilization managing, pest controlling, compost producing, and report preparation.

I am very happy to be able to learn from where all agricultural technologies do not use chemical pesticides which is in line with my future goal that I want to have my own vegetable farm to provide safe vegetables to the community."



### *SIIIL Scholar Defends MS Thesis*

Abdou Karim Seck successfully defended his MS thesis at ENSA - The University of Thies. Abdou's thesis was on the "Contribution on Dual-Purpose Millet Adoption in the South Agropastoralism Peanut Basin Production Systems (Kaolack): Development of Young Millet Stovers Base Feed for Young Bulls.". Abdou is a student in the SIIIL Improving Food and Nutritional Security in Senegal and Niger project.

*Congratulations Abdou!*

### *SIIIL Team Member Awarded 2021 SEED Ambassador*

Hardeep Singh has been selected as a SEED Ambassador. The Scientists Engaging and Educating Decision-makers (SEED) Ambassador leadership program is a year-long, immersive advocacy training program with the goal of developing trusted relationships between Society members and Members of Congress. Each year, a small class of Society members are selected to receive the SEED Ambassador award. Award recipients participate in exclusive monthly webinars with the Science Policy Office staff and expert guest speakers. Each month, a new advocacy skill is introduced with topics building on previous skills to develop meaningful relationships with congressional offices. To learn more about the SEED Ambassador program, click the button below!



[Learn More Here!](#)

## *Highlight Video: S3 Cambodia*

Click on the image to watch a highlight video and learn more about our project,

## S3-Cambodia: Scaling Suitable Sustainable Technologies



### *Hiring for Open Position*

As you all know, the SIIL has an open position for a Program Administrator (PA)! The PA will work together with the SIIL Director and Associate Director (AD) and Business Manager in the coordination, communication, and monitoring of sub-award research projects. The PA will be responsible for implementing SIIL's knowledge management and communication strategies. The PA will produce a range of communication materials for internal and external target audiences. The PA will also coordinate SIIL events, scientific meetings, and other activities relevant to the oversight of the SIIL.

If you or someone you know fits this job description, please see the document below to read about it and apply!

[Apply to the Position Here!](#)

