#### SUSTAINABLE INTENSIFICATION INNOVATION LAB ISSUE 22 | June 2023





# June News & Updates

Project Update: S-3 Cambodia -Scaling Suitable Sustainable Technologies

Sustainable Excellence on Agricultural Intensification and Nutrition (CESAIN) in Cambodia, and agricultural Universities within Cambodia bridged the gap between education and production through experiential learning opportunities for local students. Students from multiple schools participated in grafting competitions to learn new agricultural techniques. They learned how to graft tomatoes and then participated in a growing competition for their plants. The grafting competition

along with the plant science curriculum that was taught in classrooms. Educators were given resources to utilize experiential learning in their classrooms. Teachers and administrators expressed excitement over the lesson plans and the opportunity to use the techniques and experiments while students remained engaged and interested in how to pursue agricultural careers in the future.



Students study the importance of soil health for the growth of crops. Photo credit: David Ader

The American University of the Caribbean Introduces Beekeeping in Southern Haiti



Farmers in the southern region of Haiti are always looking for ways to increase their production efficiency to lead to better livelihoods for their families and communities. The American University of the Caribbean (AUC) School of Agriculture and Environmental Science began to engage in beekeeping research and extension projects, hosting workshops and seminars to teach the local population about beekeeping. Read below how in

An undergraduate class session showing beehive management. American University of Caribbean, Le Cayes. Photo credit: AUC

just five months the AUC successfully introduced this style of agriculture and how the local community has responded to this new venture.

Read More Here!

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## Youth Engagement: Student Highlight



#### Hin Lyhour *CE SAIN Cambodia Hin earned his Ph.D. degree in Agricultural Science from the Royal University of Agriculture in Cambodia.*

Hin graduated in 2021 with a Ph.D. in Agricultural Science. His research focused on the evaluation of appropriate farm machinery for agricultural conservation practices. Through his research, Hin boosted his capacity in project management skills and agricultural machinery. With the support of CE SAIN Lyhour was able to collaborate with U.S. professors to help edit and complete his dissertation research. To learn more about Hin's story click the button below.

> Click Here to Read More!

## The Power of Solar Energy in Bangladesh

With the popularity of drip irrigation systems in Bangladesh rising, solar power has been tested and proven to be the most costeffective way to power irrigation pumps. This leads to greater retention of many of the region's high-value crops including orchards. With there being many different types of solar pumps available on the market this has become one of the most



Local farmers gather to learn about the new system of irrigation Photo credit: Chayan Kumer Saha

efficient and affordable ways to irrigate for local producers in Bangladesh.

Upcoming Events



## SUSTAINABLE INTENSIFICATION INNOVATION LAB

## 2023 ANNUAL MEETING Somone, Senegal

Registration details will be available soon.

Mark your calendars for the upcoming annual meeting of the Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SIIL). The event will feature presentations on future activities of SIIL, consortia and research projects, and opportunities for collaboration and networking. SIIL sub-awardees, external advisory board, collaborators, host country partners, management entity staff, and USAID representatives will all be in attendance! For more information contact Layne Davis at laynewilson@ksu.edu.









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