SUSTAINABLE INTENSIFICATION INNOVATION LAB
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FEED THE FUTURE
The U.S. Government's Global Hunger & Food Security Initiative

APRIL | News & Updates

The Climate Crisis is Spurring a Global Shift Toward Conservation Agriculture

Climate change is forcing farmers around the world to adopt new agronomic techniques to maintain arable soil. In Mozambique and Cambodia, Feed the Future is distributing specialized tools and training farmers in practices like minimum tillage.

Click here to read about how the Appropriate Scale Mechanization Consortium (ASMC) trains Cambodian farmers in Conservation Agriculture Techniques!

Climate-Smart Agriculture (CSA) & Approaches

CSA is an approach that helps to guide actions needed to transform and reorient agricultural systems to effectively support development and ensure food security in a changing climate. CSA aims to tackle three main objectives: sustainably increasing agricultural productivity and incomes; adapting and building resilience to climate change; and reducing and/or removing greenhouse gas emission, where possible.

Read more about CSA here!

Climate-Smart Agriculture Presentation from the Policy Research Consortium

Eric Raile, Associate Professor at Montana State University, conducted research on Political and Public Will for Climate-Smart Agriculture in Sub-Saharan Africa. Click the link below to view his presentation to learn more!

View Presentation!

Student and Intern Highlights

Muth E-Nieng

Intern with the Center of Excellence on Sustainable Agricultural Intensification and Nutrition

"When I was asked to mentor my juniors, I was very happy to share my knowledge and experiences. Also, during my study in the University, I had a good time being a mentor at an organization to build up the capacity of our young bruiser generation in Cambodia."

Click here to read more about Muth's story!

Boeng Phally

Intern with the Center of Excellence on Sustainable Agricultural Intensification and Nutrition

"I chose to major in agriculture because I love it and in five years' time I want to have my own farm and to join efforts to promote the agriculture sector in Cambodia."

Click here to read more about Boeng's story!

Gracie Pekarcik

Nasiba Aktar

S3 Cambodia: Scaling Suitable Sustainable Technologies

Gracie is earning her Masters in Agriculture Leadership and Education at the University of Tennessee

"The biggest setback in my research has definitely been the inability to travel to Cambodia to work on the S3 project and conduct research due to the pandemic. The enthusiasm and diligence of the research team in the U.S. and on the ground in Cambodia have inspired me to continue in my own work. I look forward to the day I get to step foot in Cambodia. Until then I'll continue to remain optimistic and focused on producing the best work I can for S3-Cambodia."

Gracie was also awarded additional funds to support S3 from the McClure Scholar Program.

Pathways of Scaling Ag Innovations for SI in the Polders of Bangladesh

Nasiba is earning her Ph.D. in Agricultural Economics at Bangladesh Agricultural University

"I have always had a fascination to work for the women community, especially those who are disadvantaged. SIIL gave me the opportunity to fulfill my dream. I have learned a lot about the gender and socio-cultural dimensions for the adoption of improved agricultural technologies and the livelihood of the climate-vulnerable communities. I am fortunate that I got the opportunity to conduct research on gender in coastal agriculture. I am delighted that a page of my life has opened."

Success Story in Aquaculture

American Soybean Association's (ASA) World Initiative for Soy in Human Health (WISHH) Program, Kansas State University (KSU) and other partners have collaborated to produce new fish feeding and growth charts. These vital new tools will assist Cambodian fish farmers in their transition from homemade feeds based on rice bran and wild fish to pelleted soy-based feeds manufactured in Cambodian feed mills.

Commercialization of Aquaculture for Sustainable Trade (CAST) – Cambodia is ASA/WISHH's USDA-funded Food for Progress project that benefits from KSU's expertise and work with the Center of Excellence on Sustainable Agricultural Intensification and Nutrition (CE SAIN) at the Royal University of Agriculture (RUA). CE SAIN was established by the Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SIIL) funded through the United States Agency for International Development.

Read Article Here!

Recognizing Earth Day!

In Case You Missed It:

Click on the image to watch a video from P.V. Vara Prasad, SIIL Director, about the importance of science and innovations that will protect our

environment!

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Collaborative Research on Sustainable Intensification

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