



# FEED THE FUTURE

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



**February** | News & Updates

*Project Feature: ASMIH-Bangladesh*

*Smallholder Farmer Using Conservation  
Agriculture Taught by the ASMIH-  
Bangladesh Project*

Md. Islam Biswas, 54-years old, is an enthusiast, smallholder farmer in Bangladesh. Biswas was part of



receiving training from the ASMIH-Bangladesh team on conservation agriculture (CA) systems.

The CA system is a mechanized system that can drastically reduce cost, time, labor, and drudgery that is usually associated with traditional cultivation practices.



Biswas is now leading a group of 10 farmers at Baratia village in Bangladesh who are interested in using CA practices in their fields. Click the link below to read the full story about Biswas and how his farm has significantly improved using this new technique!

[Read the Success Story Here!](#)

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## *Youth Engagement: Intern and Student Highlights*



**Sophea Uon**

*CE SAIN - Cambodia*

*Sophea is earning her Master's degree in Public Administration at Royal University of Agriculture in Cambodia*

I chose to study this major so I could understand the policies and procedures to transform public



**Kieron Moller**

*Digital Tools, Geospatial and Farming Systems Consortium*

*Kieron is majoring in Biosystems and Agriculture Engineering at Michigan State University*

Currently, Kieron is investigating the challenges that livestock farming in

institutions with the support of customers and stakeholders. Understanding the policies and procedures for is very effective and important for human resource management. I am learning to also use this knowledge to build capacity and share work experience with other staff. I could support and strengthen the principles of officials and staffs' performance in Royal University of Agriculture and other research and development projects.

There is has not been any significant setback in my study at all. We all study via online platform due to COVID-19 which is going well. The only difficulty can be the somewhat unreliable internet connection.

Moreover, I chose my major so I could also disseminate the laws, documents, regulations and other guidelines and strengthen services to be effective and transparent. I am looking forward to being able to use the knowledge I have acquired here to do just that.

Bangladesh is facing. According to Kieron's findings, Bangladesh is one of the most vulnerable countries to climate change due to low elevation and rising sea levels. This country has suffered from flooding, droughts, hurricanes, cyclones, earthquakes, tidal surges, poor veterinary care, lack of technical expertise, breeding, management practices, and COVID-19. As a consequence of these natural disasters and other challenges, livestock production has been affected.

Kieron's research compiles different areas from climate change to COVID-19 and looks for potential solutions to help and improve the decision-making that affects people's lives. He considered the maps would help people figure out which regions to target with specific intervention methods.

To conclude, Kieron said, "I hope that by publishing this, it would improve at least one person's life. But I hope it helps more people. I enjoy helping other people as much as I can".

## *Highlights and Accomplishments*



### ***Professor of Agronomy Receives Outstanding Scientist Award***

Ignacio Ciampitti, professor of agronomy and director of the Digital Tools, Geospatial, and Farming Systems Consortium at the Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification, is the recipient of K-State's Sigma Xi Outstanding Scientist Award.

[Read the Press Release Here!](#)

## *Agronomy Graduate Student Earns First Place in Competition*

Rachel Veenstra, a doctoral student in agronomy and a member of the Ignacio Ciampitti lab, was awarded first place at the Crop Science Society of America society-wide student competition at the International American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America annual meeting in Salt Lake City. Veenstra presented her poster and oral presentation on the topic, "Corn Tillers: Rethinking the 'Sucker' Theory," authored by both Ciampitti and herself and part of her doctoral research program at K-State, sponsored by Kansas Corn and Corteva Agriscience.



[Read the Press Release Here!](#)

## *Highlight Video: Case Study of Senegal*

A screenshot of a video thumbnail. At the top, it features the logos for Michigan State University and Kansas State University. The main title is "Current and Future Challenges and Opportunities for Livestock Farming in West Africa: Case Study of Senegal". Below the title, the authors are listed: "Rasu Eeswaran, A. Pouyan Nejadhashemi, Aliou Faye, Doohong Min, P.V. Vara Prasad, Ignacio A. Ciampitti". At the bottom, there are logos for USAID and FEED THE FUTURE.

Click on the image to watch a highlight video and learn more about a Case Study in Senegal regarding Current and Futures Challenges and Opportunities for Livestock Farming in West Africa.

## *Upcoming Events*

### *International Women's Day 2022 -- Tuesday, March 8th*

This year for International Women's Day, we will be highlighting women from all of SILL's activities. The theme this year is #BreakTheBias. The week leading up to March 8th, be sure you are following along on our social media channels to

see the strong, women leaders of SIIL around the world!

#BreakTheBias

“

The Sustainable Intensification Innovation Lab is proud to support and empower women in agriculture around the world! For this International Women's Day, we are helping to #BreakTheBias, and strive for a world that is diverse and inclusive.

”



**International  
Women's Day  
2022**



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Collaborative Research on  
Sustainable Intensification

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