



FEED THE FUTURE

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



February | News & Updates

SIIIL Director, P.V. Vara Prasad, Named in Top 1% of World's Influential and Highly Cited Researchers

P.V. Vara Prasad, director of the Sustainable Intensification Innovation Lab, university distinguished professor, and R.O. Kruse Professor of Agriculture at Kansas State University has been listed in the Clarivate World's Influential Researchers with Highly Cited Researchers 2022 List. Prasad has active programs in several countries in Africa and Asia focused on improving the livelihoods of people and providing food and nutritional security to smallholder farmers. He is passionate about research, education, outreach activities, and building

human and institutional capacity. Prasad is the only researcher named in the list from K-State for 2022. To read more about Vara and his distinguished award use the link below!



[Read More Here!](#)

Initiative Update: CEMARCH



The Haiti Agricultural University Partnership: Center for Mitigation, Adaptation, and Resilience to Climate-Change in Haiti, or HAUP-CEMARCH, through Kansas State University's SIIL has announced the first enrollment of students in Haiti. The project provides educational opportunities for Bachelor of Science students to pursue a degree in the agricultural sciences. The initiative is currently only supporting Bachelor students but intends to include

Master of Science students beginning in September of 2023. Use the link below to learn more!

[Learn More Here!](#)

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SIIL's CEMARCH Director, Elizabeth Guertal, Presented with the



Elizabeth “Beth” Guertal, the project director of the Center of Excellence on Mitigation, Adaptation, and Resilience to Climate Change (CEMARCH) in the Sustainable Intensification Innovation Lab (SIIL) at Kansas State University has been awarded the Presidential Award of the Crop Science Society of America (CSSA), at the organization’s 2022 annual meeting held in Baltimore, Maryland. Guertal has been highly involved in the CSSA organization and is a Past CSSA President from January 2020 through December 2020. In 2021, Guertal was awarded the Fred V. Grau Turfgrass Science Award. To read more about Beth’s award click the link below!

[Read More Here!](#)

Youth Engagement: Intern and Student Highlights



Chruk Sang

CE SAIN Cambodia

Chruk is earned his Bachelor's degree in animal science at the Royal University of Agriculture in Cambodia.

Chruk is currently studying abroad at the Weihenstephan-Triesdorf University of Applied Science a Fachhochschule in Freising, Germany. He has his academic background in animal science but is specializing in international farm management for his Master’s degree. Sang has a history of working with soybean and fish meal growth and performance in Japanese Quail. He is a part of the new generation of researchers and scholars in Cambodia. Chruk plans



Ayele Mamo

Sustainably Intensified Production Systems Impact on Nutrition

Ayele earned his Master's degree in engineering hydrology from Bahir Dar Univeristy in Ethiopia.

Ayele earned his Bachelor’s degree in Hydraulic and Water Resource Engineering in 2015 and received his Master’s degree in Engineering Hydrology in 2018, both from Bahir Dar University. While during his studies, he researched the impact of catchment characteristics on sediment dynamics in multiple locations. Mamo has since taken a job with his alma mater as a lecturer in the civil and water resource engineering department.

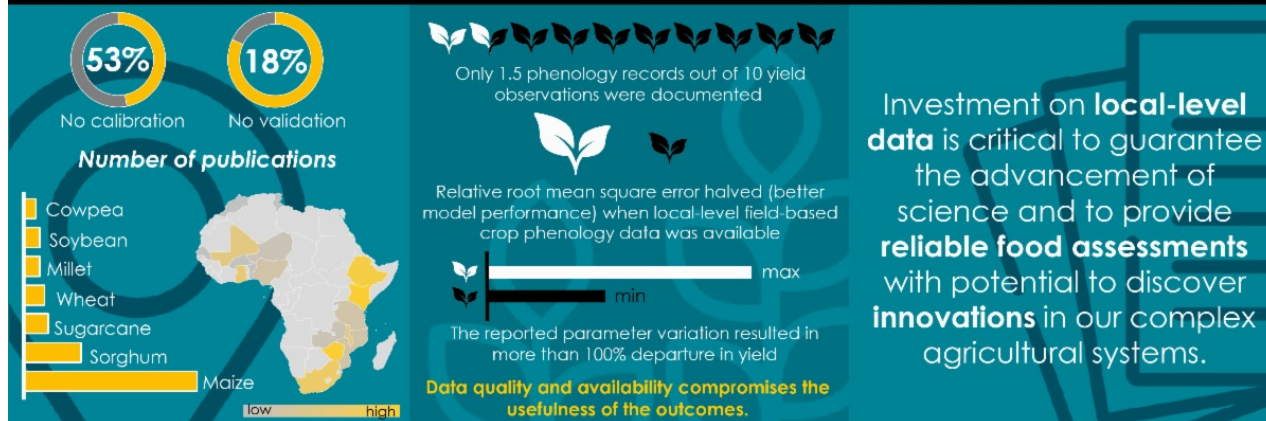
Alarming Urgency for Investment in Local Data for Advancements in Africa

The urgency for investment on local data for advancing food assessments in Africa
A review case study for APSIM crop modeling

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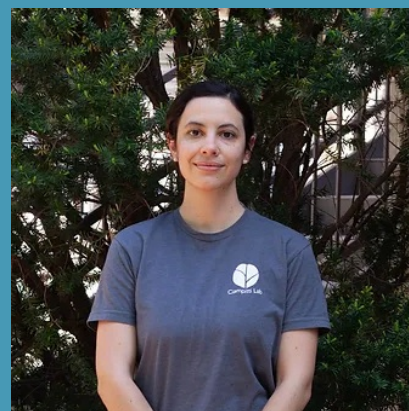
24
COUNTRIES

7
CROPS



Research led by Ana Carcedo, a postdoctoral researcher at the Digital Geospatial Farming Systems Consortium from the SILL, showcases how limited field data represents a challenge for crop models to provide valuable insights.

Her analysis, which applies to several African Regions, describes past and current research efforts, limitations, challenges, and future research investments for relevant food security assessments. The research emphasizes the critical need for future investments in collecting local-level field data and the need to promote the development of standard protocols for data collection, as well as the importance of data sharing and accessibility for future usage.



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