Digitally Enabled Resilience and Nutrition Policy Innovations (DERPIn)

Harnessing Data and Evidence for Decision-making

DERPIn Malawi Digital Platform Launch

📅 Thursday, 23 October 2025   🕐 1:30– 3:15 PM CAT

📍 Virtual Event

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Introduction and Background

The Digitally Enabled Resilience and Nutrition Policy Innovations (DERPIn) project was designed to strengthen the resilience of African agrifood systems by leveraging digital technologies and data-driven solutions to empower policymakers, farmers, private sector enterprises, and other stakeholders with the tools and information they need to make informed decisions and implement effective gender-sensitive and inclusive policies. DERPIn was implemented by AKADEMIYA2063 from December 2023 through August 2025 on behalf of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) in collaboration with the Pan-African Farmers' Organization (PAFO) and national research partners in Benin, Ghana, Malawi, Senegal, and Uganda.
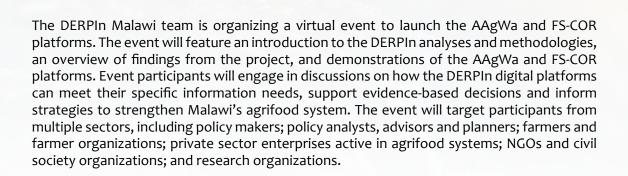
In Malawi, AKADEMIYA2063, the Malawi University of Science and Technology, and the Farmers Union of Malawi, a member of the Southern African Confederation of Agricultural Unions, collaborated to carry out analyses and develop digital platforms and tools to generate and share knowledge and evidence for use by Malawi's agrifood systems actors. The project has contributed to the availability and accessibility of agricultural, environmental, and nutrition data targeted to help policymakers, planners, farmers and their organizations, researchers, and the private sector to make informed decisions, foster evidence-based planning, and drive innovation within Malawi's agrifood systems.

To achieve this, DERPIn offers a variety of data products and policy-relevant analyses, including:

- Satellite-based agricultural statistics: Real-time crop type maps, production and yield forecasting, crop suitability maps, greenhouse gas emissions monitoring, tracking of crop growth and weather anomalies
- Vulnerability assessments: Maps and metrics of household vulnerability to economic, climatic, and social shocks
- Nutrient adequacy maps: Estimates of household adequacy for energy, protein, and 11 micronutrients; identification of key food sources; and sensitivity of demand to changes in income and price

These analyses are shared with stakeholders through a variety of channels, including country-specific digital platforms that allow users to access, interact with and download data, maps and analyses. The **Africa Agriculture Watch (AAgWa)** platform provides access to agricultural and climate-related statistics based on satellite data, while the **Food System Crisis Observatory and Response (FS-COR)** platform houses data and analyses on community vulnerability and nutrient adequacy. The platforms are designed to support agrifood system decisions and strategies by guiding resource allocation and planning, supporting market intelligence, and strengthening early warning systems and resilience-building interventions, among other applications. Both platforms serve as tools to guide strategies, investments, planning and decision-making by agrifood system actors in support of more resilient and inclusive agrifood systems.

The DERPIn Malawi team is organizing a virtual event to launch the AAgWa and FS-COR platforms. The event will feature an introduction to the DERPIn analyses and methodologies, an overview of findings from the project, and demonstrations of the AAgWa and FS-COR platforms. Event participants will engage in discussions on how the DERPIn digital platforms can meet their specific information needs, support evidence-based decisions and inform strategies to strengthen Malawi's agrifood system. The event will target participants from multiple sectors, including policy makers; policy analysts, advisors and planners; farmers and farmer organizations; private sector enterprises active in agrifood systems; NGOs and civil society organizations; and research organizations.

Objectives

The launch event aims to

- Provide an introduction to the DERPIn analyses and findings in Malawi
- Present and demonstrate the AAgWa and FS-COR platforms to potential users
- Identify policy implications and potential applications of the DERPIn analyses and digital platforms in Malawi's agrifood system
- Facilitate discussion on the information and evidence needs of Malawian agrifood system actors and opportunities to foster evidence-based decision making

Tentative Agenda

Time (CAT)	Agenda Item	Presenter
13.30–13.50	Welcoming remarks	DERPIn team and partners
13.50–13.55	DERPIn project overview	AKADEMIYA2063 DERPIn team
13.55–14.10	Presentation of FS-COR platform	AKADEMIYA2063 DERPIn team
14.10–14.25	Presentation of AAgWa platform	AKADEMIYA2063 DERPIn team
14.25–15.00	Discussion and Q&A	All
15.00–15.15	Closing	DERPIn team and partners