FSRP
First High-Learning Event for Food System Resilience Program for Eastern and Southern Africa

IGAD
PEACE, PROSPERITY AND REGIONAL INTEGRATION

IGAD Digital Agro-Climate Advisory Services (DACAS)

Empowering IGAD Member States through Knowledge, Innovation, and Climate Resilience



Weather & Climate Insights | **Agricultural Advisors** | **Market Intelligence** | **Soil & Land Information** | **Early Warnings** | **Member State Coordination**

A regional knowledge ecosystem connecting data, expertise, and services to support action at national and local levels.

One Regional Platform. Stronger Food Systems for All.

Food Systems Resilience Program (FSRP)

Why Regional DACAS?

Regional DACAS is a regional initiative under the Food Systems Resilience Program that strengthens food security, improves agricultural productivity, and builds climate resilience across IGAD Member States.



What DACAS does

- Provides farmers, extension workers, and policymakers with timely access to agro-climate information.
- Delivers actionable intelligence on weather forecasts, early warnings, soil health, and agronomy.
- Supports better decision-making across the agricultural value chain.
- Promotes regional market integration through better information and coordination.

Core advisory services

Weather forecasts
Timely forecasting for farm-level decisions

Early warnings
Risk alerts for proactive response

Soil health
Data-driven soil management guidance

Agronomy advisory
Best-practice crop management support

Livestock services
Information supporting herd health and productivity

Market intelligence
Price and trade information for market access



From data to action

DACAS integrates regional and national data, synthesizes knowledge, and supports timely advisory services, extension workers, policymakers and other food-system actors.

How Regional DACAS Works

A connected regional platform that turns diverse data into timely advisory, information and services for resilient food systems across IGAD.

PLATFORMS FEEDING INTO DACAS PORTAL

- **Ground Water Information System**
- **Regional Soil Information System**
- **Fertilizer Watch**
- **Agriculture Watch**
  Provides information on crop conditions and pasture & rangelands conditions, including area, health, productivity and trends.
- **Pest Watch**
- **Screening of CSA Technologies**

DACAS PORTAL



- Weather & climate information
- Agricultural advisory services
- Crop & pasture / rangeland information
- Market intelligence
- Alerts & early warnings
- Knowledge Services & best practices

IGAD MEMBER STATES

DISSEMINATION CHANNELS (UNDERTAKEN BY MEMBER STATES)

- Mobile (SMS/USSD/apps)
- Web portal
- Extension services & field networks
- Email & newsletters

END USERS

- Farmers & pastoralists
- Extension workers
- Policymakers & planners
- Private sector
- Researchers & development partners

DATA & INFORMATION FROM MEMBER STATES
(Feedback to DACAS Portal and Platforms)

CONTINUOUS FEEDBACK LOOP
Member States provide data and information back to the DACAS Portal and platforms.

- Weather & climate observations
- Soil & water data
- Crop, livestock, pest & disease reports
- Market & price information
- Local innovations and best practices
- User feedback on advisory services

Member States remain central to validation, contextualization, dissemination and continuous improvement of DACAS services.

Food Systems Resilience Program (FSRP)

Building Resilience Together



The Regional DACAS Knowledge Network is more than a digital platform; it is a collaborative ecosystem designed to empower IGAD Member States by transforming climate and agricultural data into actionable intelligence.

The four pillars of Regional DACAS

Learning Events

Structured events for capacity building, dialogue and shared learning across Member States.

Knowledge Network

A regional sharing mechanism connecting stakeholders, experts and communities of practice.

DACAS Portal

The central digital hub, hosting data, advisors, tools and synthesized knowledge products.

Governance

Structured oversight supporting standardized, validated and equitable service delivery.

Value to Member States

Improved productivity	Timely and tailored advice to enhance crop, livestock and rangeland performance.
Climate adaptation	Early warnings and climate information to reduce risks and build resilience.
Market access	Market and price intelligence to inform production, marketing and trade decisions.
Food-system resilience	Integrated, evidence-based support for more productive, competitive and resilient food systems.
Shared innovation	A regional platform for learning, knowledge exchange and scaling of best practices and innovations.

Regional DACAS helps Member States connect data, knowledge and services to support more timely, coordinated and evidence-based action.

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IGAD

THE WORLD BANK