



PASSAGE: strengthening PASToral livelihoodS in the African Greater horn through Effective anticipatory action

PASSAGE project aims to build the resilience of pastoral communities in the Horn of Africa through inclusive, cross-scale risk narratives and anticipatory action plans based on predictive multi-hazard impact-based forecasts.

The project is led by **IGAD’s Centre for Pastoral Areas and Livestock Development (ICPALD)**, with co-leadership from the **University of Sussex** and the **International Federation of Red Cross and Red Crescent Societies (IFRC)**. It brings together a transdisciplinary team spanning regional institutions like **ICPAC, RCMRD, WFP**, local NGOs (**CeRID**), private sector (**Virridy**), government agencies (**NDMA**), and academic research institutions (**Universities of Nairobi, Makerere, and Jigjiga**).

GEOGRAPHICAL SCOPE



1. STAKEHOLDER ENGAGEMENT

Key Achievements:

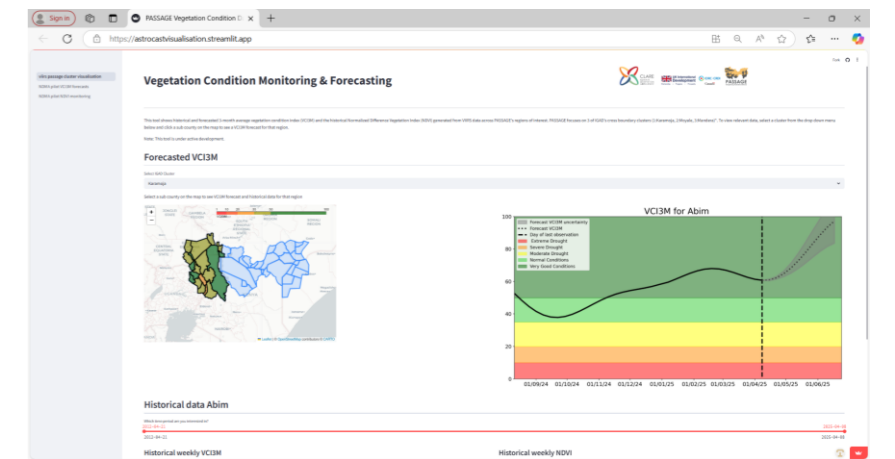
- Regional and Local Forums held** including GHACOF, Sub-COF and led localized dialogues
- Knowledge Learning Hub (KLH) piloted in Moyale** bringing together community leaders, women, NGOs and local government to co-develop anticipatory action plans.
- Technical sessions at the 1st Eastern Africa Dialogue Platform**, on drought anticipatory action and extreme heat , demonstrating leadership role in shaping AA policy and practice in GHA region.
- Early Action Dialogues across Kenya, Uganda, and South Sudan** by National Societies in coordination with local government teams helping define localized early action protocols.



2. PRODUCT DEVELOPMENT

Key Achievements:

- Vegetation Condition Index (VCI3M) forecasting expanded across 3 IGAD clusters** with an operational app and dashboard supporting early decision-making.
- Land cover maps and invasive species models** developed using machine learning (RF, ANN), including species like *Prosopis juliflora* and *Opuntia*.
- Extreme heat forecasting tools designed**, including vulnerability overlays and advancing regional EWS for heatwaves.



3. CAPACITY STRENGTHENING

Key Achievements:

- Annual planning meeting** to review project progress and chart a strategic path forward.
- Training of Trainers** to local NGOs for Knowledge Learning Hubs
- PhDs and MScs students recruited and supported** across Kenya, Uganda, and Ethiopia.
- 59th Kenya Veterinary Scientific Conference** to showcase how research-driven forage forecasting models enhance anticipatory planning and drought risk mitigation for pastoralist communities in the Greater Horn of Africa.



Project Start Date:	July 2023
Project End Date:	December 2026
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