



## Pre-COF 68 Webinar

### Theme: Early Warning for Mitigation of Climate Risks

# Satellite-Based Early Warning for Food Security Monitoring in Eastern Africa

14<sup>th</sup> August 2024, 2 pm - 3.30 pm

#### Background

Livelihoods in the Horn of Africa have long been vulnerable to the impacts of climate variability and extremes. The multi-year extreme events have exacerbated the challenges facing regional agricultural production systems. This has resulted in a renewed focus on developing early warning systems for near real-time monitoring of crops and rangelands. Such systems are vital in detecting short-term deficits in crop production resulting from a range of drivers especially in areas frequently impacted by high cases of food insecurity.

The East Africa Agriculture Watch (EAAW) (<https://agriculturehotspots.icpac.net/>) is a public online decision support system for monitoring crop and rangeland conditions in near real time. The system provides automatic ten-day warnings on agricultural anomalies in Eastern Africa (consortium of 11 countries), as well as access to agro-meteo indicators and reference data used to produce the drought conditions warnings. It is based on the Global Anomaly Hotspots of Agricultural Production (ASAP) platform developed by the Joint Research Centre (JRC) of the European Commission (<https://agricultural-production-hotspots.ec.europa.eu/>).

#### Objectives

The webinar is intended to inform GHACOF 68 participants on use of the EA Agriculture watch for agricultural monitoring activities, early warning and response planning anticipation at regional, national and sub-national levels.

Specific objectives of the workshop:

- To introduce GHACOF stakeholders to the EA Agriculture watch
- To create an understanding of the products and processes of the EA Agriculture watch
- To demonstrate the use of the EAAW to monitor current season and asses previous ones
- To collect feedback from experts on the system



Expected outcomes:

1. Improved understanding of the East Africa Agriculture Watch as an early warning tool for early action

### **Webinar structure**

- a. Introduction (Moderator) (10 minutes) (Linda Akoth)**
  - Welcome and Opening Remarks and setting the scene
  - Overview of the webinar objectives and agenda
  - Introduction of the panelists
- b. Presentation: Introduction to the EAAW (Oliver Kipkoge (ICPAC) and Dr. Felix Rembold (JRC) (20 minutes)**
- c. Q&A (5 minutes)**
- d. Online demonstration of the EAAW (Oliver Kipkoge & Dr. Felix Rembold) (10 minutes)**
- e. Interactive Session: Q&A (All) (15 min)**
- f. Closing Remarks (Moderator) (5 min) (Linda Akoth)**
  - Summarizing key insights and take aways from the webinar
  - Expressing gratitude to speakers, participants, and organizers
  - Announce GHACOF 68 and provide registration link to participants.
  - Close the webinar