





Scientific evidence and knowledge to reduce food losses and improve food safety in Africa

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JRC Role vis a vis specific policy context

What the JRC does:

As the science and knowledge service of the Commission our mission is to support EU policies with independent evidence throughout the whole policy cycle

Example of ongoing activities:

contribute to scientific preparation of UNFSS (priority tracks 1 and 2 in particular include a large number of technical solutions about reducing food waste and increasing food safety)

Provide evidence and scientific knowledge for ongoing NDICI programming, e.g. about research and collaboration on pest and diseases monitoring and on food loss, with investment in digital services and tools









APHLIS The African Postharvest Losses Information System

JRC is the initiator of APHLIS, which in its more than 10 years of existence has become the leading international initiative specialized in collecting, analyzing and disseminating data on postharvest losses and risks for cereal grains, beans and tubers in Africa.

APHLIS works closely together with several African countries for strengthening their reporting capacity towards the Malabo declaration objective of halving PHLs by 2025

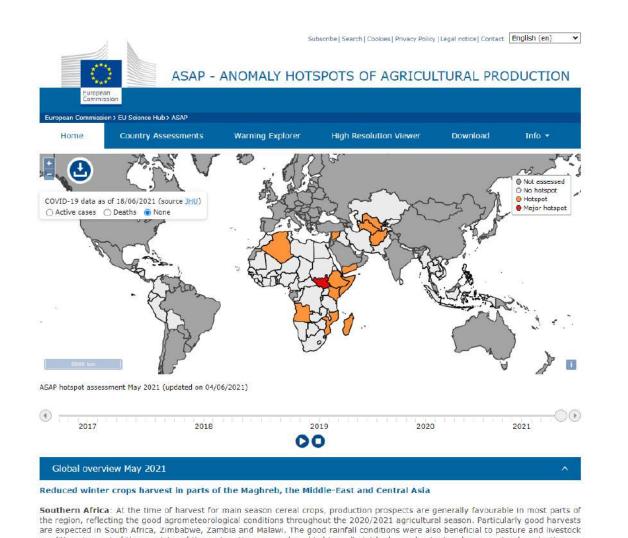








Anomaly hot-Spots of Agricultural production (ASAP)



ASAP is a digital Decision Support System to further improve Early Warning of food production anomalies for food security assessments and contribute to existing international initiatives (IPC, Global Report on Food Crises, Knowledge Centre on FNS, etc...)

Complements MARS Bulletins for Europe for countries with high risk of food insecurity

JRC contribution to the GEOGLAM CM4EW











Data, capacity, resource, research-implementation gaps

The 2020 desert locusts emergency has shown once again that satellite observation alone is not sufficient to detect and monitor impact on the ground











Knowledge Centre for Global Food and Nutrition Security https://knowledge4policy.ec.europa.eu/global-food-nutrition-security_en



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UN Food Systems Summit



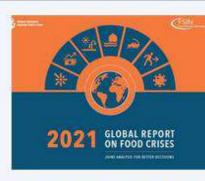
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Agroecology in Africa **Case Studies**



EU Sustainable Cocoa Initiative



Food crises worsened in 2020



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