UNLOCKING CLIMATE ACTION FROM PATTERNS OF THE PAST



Find out more at digitalearthafrica.org

Digital Earth Africa is using satellite imagery to inform climate action and mitigation activities across Africa.

Africa is at the frontline of the climate crisis. The human and economic impacts of climate extremes such as droughts, flooding and rising sea levels are already being felt across the continent. Building greater resilience to the changing climate is crucial to Africa's future.

Digital Earth Africa empowers decision makers across Africa to take country-led climate action by providing open, free and accessible Earth observation data on a continental scale. This creates an opportunity for decision-makers to access data for high quality continental, country and local scale analyses to produce actionable strategies. Industry and policymakers can access the data they need to detect changes to their country's water supply, land, forests, crop coverage or coastline, and use it to make informed decisions to mitigate and adapt to climate change.

Digital Earth Africa satellite data provides a record of the landscape over the last three decades up to the present day, capturing the patterns of the past. This gives governments, industry and researchers the data to detect changes, and make assessments and predictions of future conditions to inform planning and decision making for adaptation to the changing climate.

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Image right caption: Crop labels collection using the Enabling Crop Analytics at Scale (ECAAS) Tool by staff from the Ministry of Agriculture, Zambia. The ECAAS tools is a joint initiative of DE Africa, RCMRD, Frontier SI and Tetra Tech.

