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Consult with an environmental scientist

TALK TO AN EXPERT

# TAHMO

## Weather stations for Africa



## **FARMING IS ALL ABOUT KNOWING THE WEATHER**

Today, weather data improve the lives of many people. But, there are still parts of the globe here weather monitoring doesn't exist. That is exactly the case across much of the African continent.

## CLOSING THE CLIMATE DATA GAP

The Trans-African Hydro-Meteorological Observatory (TAHMO) initiative seeks to install and operate 20,000 weather stations in sub-Saharan Africa.

[TAHMO initiative](#) >



## LEARNING HOW TO FARM BETTER

In the upcoming century, world population will reach 9.7 billion people by 2050. We will need to produce more food – and for that, we desperately need more and better farming.

## WMO RESOLUTIONS 40 & 25

The TAHMO initiative supports World Meteorological Organization (WMO) Resolutions 40 and 25 by giving free access to raw weather data for scientific research and government use.

[Learn about the WMO resolutions](#) >



## TAHMO FACTS

- The first TAHMO weather station was installed in 2012.
- To date, TAHMO has installed over 500 weather stations in Cameroon, Chad, Democratic Republic of Congo, Ghana, Kenya, Mali, Nigeria, Senegal, South Africa, and Uganda.
- The majority of weather stations are being installed at local schools where teachers are using the data in their classroom lessons.



“The global market for calories is now here. If we can generate more food production in Africa, it’s going to affect the price and availability of food around the world. So, an entire continent having inefficient production and ineffective structures costs us all.”

*– Dr. John Selker, Professor of Biological and Ecological Engineering | Oregon State University*

## GET INVOLVED!

Do you want to be involved in this ambitious program? Would you like to contribute your ideas and efforts to this multi-dimensional initiative? [TAHMO is always looking for new people to get involved.](#)

**Modern sensors give us more data.** The ATMOS 41 weather station brings data to African farmers. METER packages 12 weather sensors into a single, compact device.