Agronomic decision support system

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1 Project Description

This project aims to reduce exposure to climate risk through model-based advice and seasonal predictors. The agronomic decision support system will use Artificial Intelligence to generate and disseminate location-specific advisories based on climate data and soil type to assist farmers anticipate and respond to emerging conditions through the season.

2 How does my project can advance climate action using open data ?

Our project intends to advance climate action by using open data in the following ways :

- will collect, compile sustainable development and climate data that was once fragmented or disconnected across institutions.
- develop, deploy and scale responsible AI applications to disseminate real-time weather conditions.
- build early warning systems on climate risks (floods, high temperatures, deadly droughts, etc.) using weather data.

3 Expected Outcomes

Reduce exposure to climate risk through model-based advice and seasonal predictors.

4 Who will directly benefit from this project and who are the users?

Farmers and governments will be the direct beneficiaries of my project.

The users will be farmers, researchers, innovators, governments, any structure and organization interested in the issue of climate change.