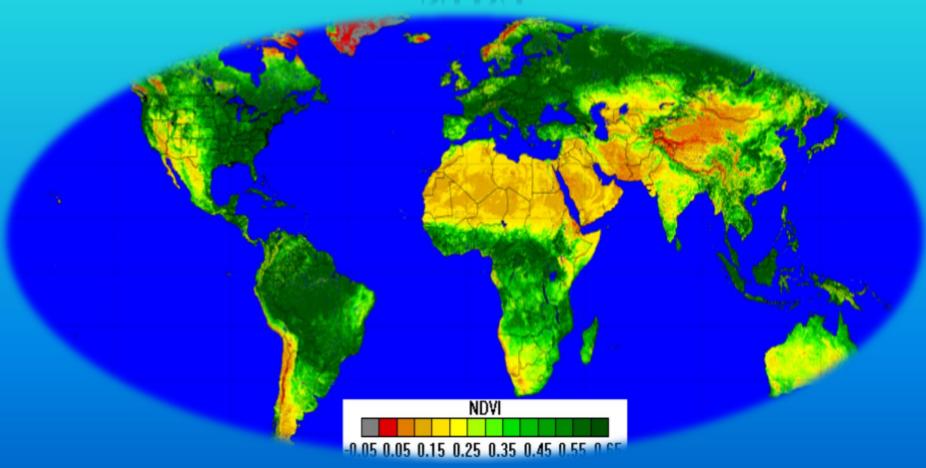
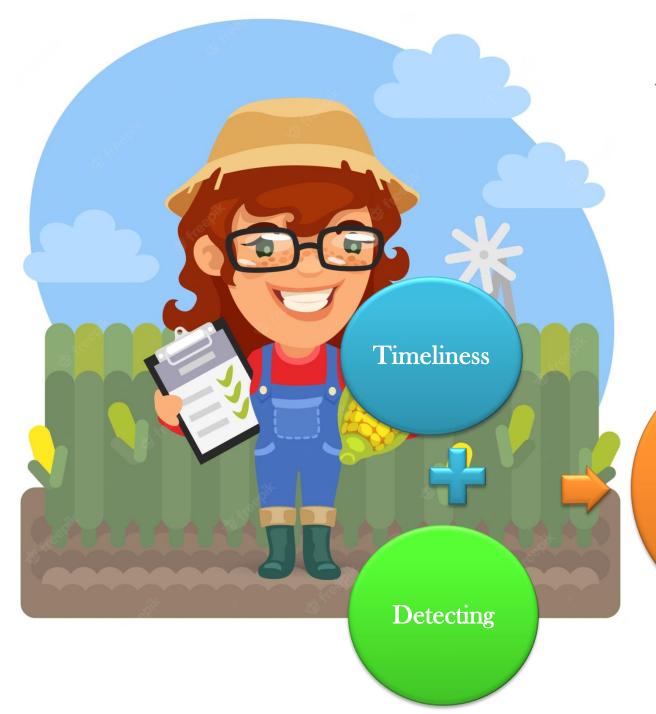
USING EARTH OBSERVING SYSTEM TO CONTROL THE AGRICULTURAL CROPS NDVI







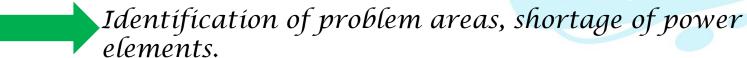
IDEA

making the appropriate management decisions



TARGETS

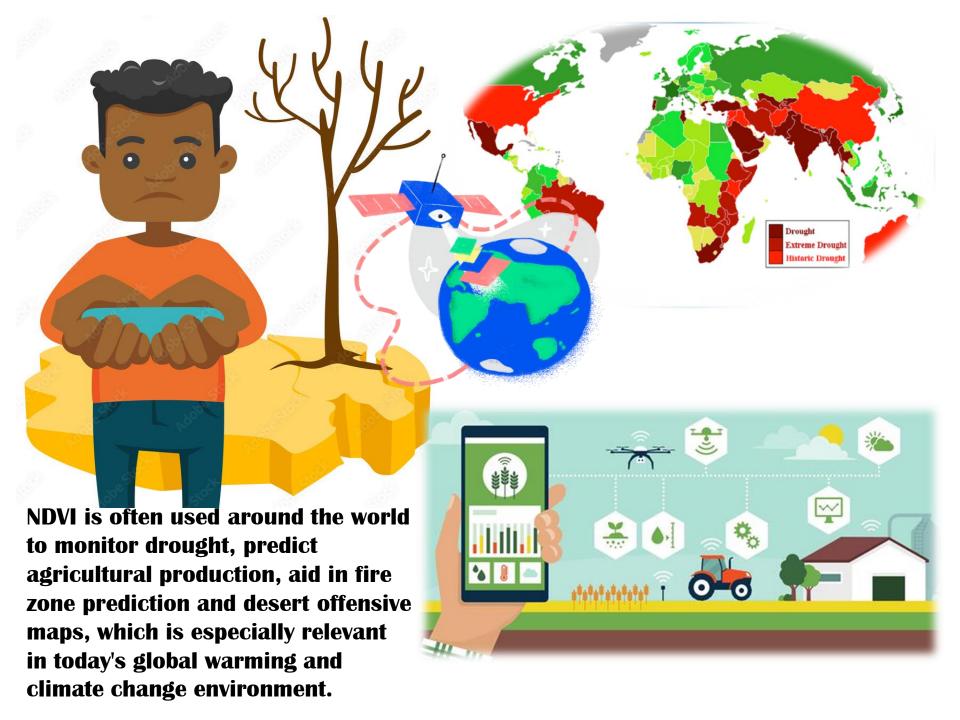


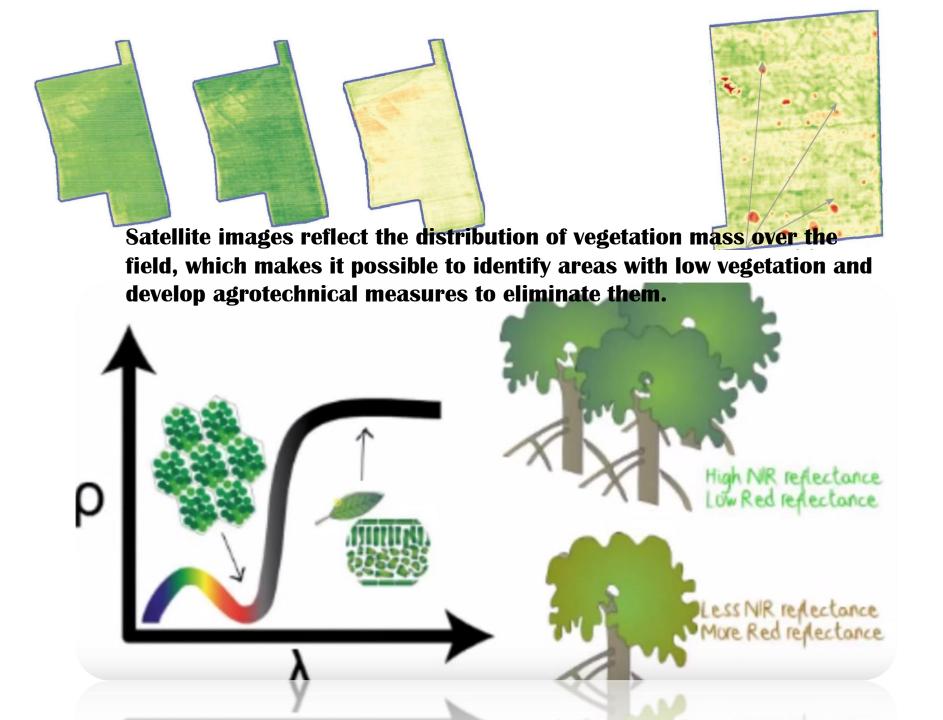




Assessment of the general condition of crops, ranking and comparison of fields.

Prediction of yield, evaluation of options on experimental fields.



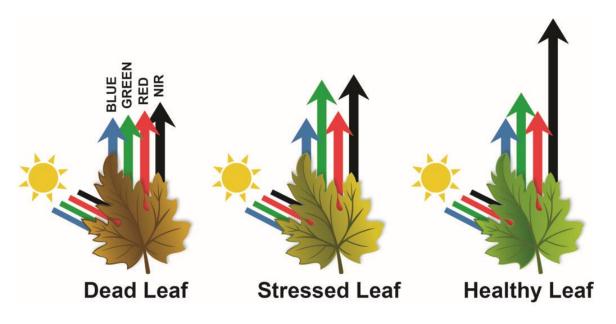


PROBLEM DEFINITION

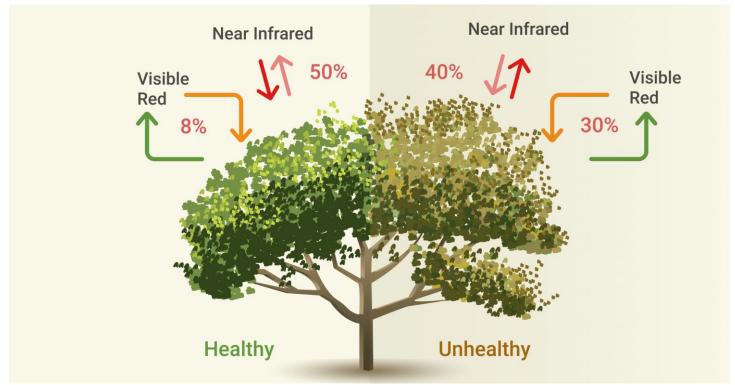
The main question of agronomists in the spring: "How did winter crops survive the winter: winter rapeseed, winter wheat?" There is no opportunity to get to the fields, and work must be planned based on the current state of crops.

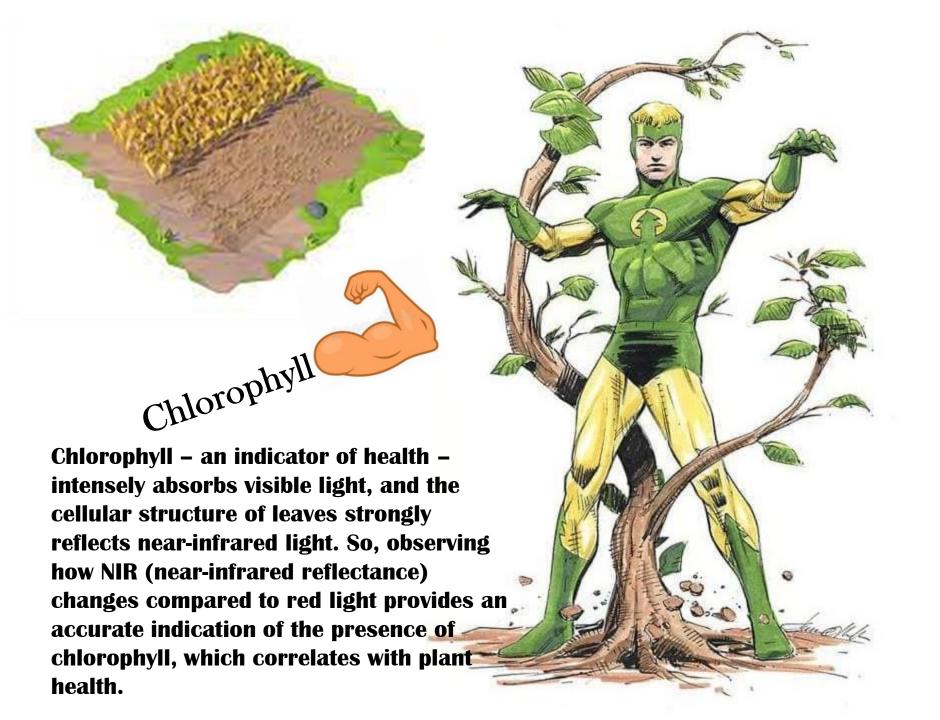


An indispensable tool for solving this problem is satellite monitoring of the NDVI index in the Earth Observing System.



Simply put, NDVI is an indicator of plant health based on how a plant reflects light at specific frequencies (some waves are absorbed and others are reflected).





SOLUTIONS OFFERED BY THE PROJECT

The Earth Observing System provides access to applications such as **Land Viewer and Crop Monitoring.** This allows you to monitor plant health and calculate the **NDVI** index on the fly.



MARKETS



Our markets could be all agricultural enterprises, regardless of the form of ownership and cultivated area, individual farmers' associations, and young scientists who are engaged in agronomic research.



Our team

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