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## (54) Title of the invention: AI ENABLED SYSTEM FOR CLIMATE CHANGE PREDICTION FOR AGRICULTURE PURPOSES

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(57) Abstract:

The present invention relatesto provide an AI enabled system for climate change prediction for agriculture purposes. The system forecast temperature changes, arising diseases, growth of harmful and beneficial microorganisms, soil structure, water quality, forecast weather report etc. which are assisted to make appropriate decision. The system comprising of numbers of sensors, data collection unit, crop modelling, data analysis, machine learning algorithm, cloud storage engine, IoT.

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