Patent Search

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Abstract:

Implementation of Artificial Intelligence and IOT based technologies for Sustainable farming and Smart Agriculture is the proposed invention. The proposed inventior predicting the disadvantages that are inherent in the smart farming techniques. The invention aims at utilising the algorithms of Artificial Intelligence to achieve the g sustainable development.

Complete Specification

Description:[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of th information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.
[0002] Digital Agriculture, sometimes known as smart farming or e-agriculture is tools that digitally collect, store, analyze, and share electronic date and/or inforn agriculture. The Food and Agriculture Organisation of the United Nations has described the digitalization process of agriculture as the digital agricultural revolution.
[0003] A number of different types of smart farming analysis systems that are known in the prior art. For example, the following patents are provided for their su teachings and are all incorporated by reference.
[0004] Smart farming and artificial intelligence in East Africa: Addressing indigeneity, plants, and gender:- Precision agriculture, including the deployment of robot workers, artificial intelligence (AI) driven equipment, and corresponding “smart” systems, is being enthusiastically lauded for improving crop yields, strengthening fo security, generating economic growth, and combating poverty. Techno-optimism has captured the imagination of media, industry, and governments alike. Simultan researchers in the computer science and machine learning spaces have begun cataloguing potential harms that arise from information technologies that are shape bias, discrimination, and Western hierarchies of power. While precision agriculture and smart farming technologies may provide some opportunities for East Africar smallholder women farmers, they may also emerge as a new—yet familiar—system of appropriation and control over their labor and knowledge. Concurrently, the need to address how such technologies continue to reinforce plants as mere objects to be optimized and managed, rather than “smart” beings with their own mate forces and ways of knowing that shape our worlds. This article considers how precision agriculture and smart farming are potentially managing, surveilling, and opt both women farmers and plants in ways that reinforce hierarchies and disregard Indigenous ways of knowing and being. It models a decolonial mode of deliberatio

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