



## Agricultura digital: Innovación en las prácticas productivas [

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text (article)

Analítica

Digital agriculture involves the intelligent incorporation of technologies into food systems with the intention of making them more effective. From this area, this article seeks to describe the challenges of digital agriculture based on the incorporation of innovations in production practices. For this, an investigation was developed with a documentary-bibliographic design. According to the results, there are various technologies applied in the production processes, the use of sensors, unmanned ships, mobile applications, robotics, satellite image processing, the Internet of Things, Big Data analysis, learning stand out. automatic, among others in permanent evolutionsuch as artificial intelligence or synthetic biology, which poses various challenges to digital agriculture, such as: humans, it must be aimed at guaranteeing a healthy life for everyone; environmental, promote sustainable development; politicians, have asolid national and international institutional pillar; legal, incorporate legal frameworks to regulate activities; scientists, promote research and development; economic, establish financing and incentives for access to innovations; and training, technologically literate the actors targeted by these changes. It is concluded that innovations in productive practices in agriculture must first meet social demands, aimed at establishing a harmonious development of human beings and ecosystems, constituting intelligent food systems without exclusion, which will allow for the consolidation of production. Global food supply to significantly contribute to reducing world hunger

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