Abstract

Since India has a strong agriculture base and agriculture being the field of high developmental priority, the creation of a suitable Computational Agriculture Information System has become essential as development of agricultural sector is a potential catalyst for socio-economic development. The real test of technological development is whether it reaches people and the most important task is to produce, manage and deliver relevant information systems appropriately that are useful for the society. So, there is a need to locally develop information systems which are based on local needs and structures. That is why a country like India needs to adopt and develop information systems based on its own needs and structures, using their own methods and practices in the areas like healthcare, agriculture, education etc. Some of the problems faced towards informatics development for agriculture in India are: • Unavailability of appropriate Agriculture Information Systems to facilitate Agriculture Informatics suitable to the Indian requirements. • Scarcity of experienced indigenous systems development resources capable of producing suitable information systems for the Agriculture sector. This paper primarily focuses on developing Computational Agriculture Information System
A Study on Agriculture Informatics in Indian Context

References

- A. Flores, "Speeding up Data Delivery for Precision Agriculture", Agric. Res. Mag.: The United State Department of Agriculture (USDA), VOL. 51, NO. 6, PP. 17,20
- http://planningcommission.nic.in/plans/planrel/11thf.htm
- L. Pradhan, S. Dehuri, B B Mohapatra and A K Panda, "A Study of Computational Intelligence in Agriculture"

Index Terms

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Keywords

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