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E-Governance Mediated Agriculture for Sustainable Life in India

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Abstract

This era is called as ICT era which comprises the ICT Mediated Agriculture Extension in Rural as well as Urban areas to disseminate the ethics of information by Decision Support System (DSS), Management Information System(MIS) and Expert System(ES) by impregnating the User Interface and Knowledge Management System. So, E-Agriculture, therefore describes an emerging field focused on the enhancement of agricultural and rural development through improved information and communication process. The main Objective is to provide an Interface to farmers and consumers and to facilitate linking up of agriculture produce marketing cooperative.ITCs,E-chaupal,IT-Kiosks,Eid-party agriline,Gyandoot Project,Warana weired Village,Information Village Project of MSSRF(MS Swaminathan Research Foundation),I-kisan project of Nagarjun group of companies,Kisan Call Center(KCC),Bhoomi Project,Village Knowledge Center etc. are the recent development in e-governance mediated agriculture in India.It add value to the lives of Farmers and End-users in a Sustainable way through Knowledge Management Portals, e-kiosks, Common Service centers in grass root level

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Introduction

1.1. E-agriculture

It is a relatively recent term in the field of agriculture and rural development practices. Consistency in the use of this term began to materialize with the dissemination of results from a global survey carried out by the United Nations (UN). This survey conducted in late 2006 by the Food and Agriculture Organization of the United Nations (FAO) found that half of those who replied identified “e agriculture” with information dissemination, access and exchange, communication and participation processes improvements around rural development. In contrast, less than a third highlighted the importance of technical hardware and technological tools.

E-agriculture, therefore, describes an emerging field focused on the enhancement of agricultural and rural development through improved information and communication processes. More specifically, e-agriculture involves the conceptualization, design, development, evaluation and application of innovative ways to use information and communication technologies (ICTs) in the rural domain, with a primary focus on agriculture.

1.2. Mission and Objectives

The e-Agriculture Community of Practice is a global initiative launched in partnership with the e-Agriculture Working Group in 2007 to enhance the role of ICT in agricultural development and food security. It provides an international framework to facilitate the processes of capturing, managing, and disseminating the lessons learned through national and regional activities, as well as the results and implications of multilateral processes related to the use of ICT in agriculture and rural development. The e-Agriculture Community also provides the basis for the international community to monitor development and validation of conceptual models and methodologies, and to package and disseminate them once tested. Through its collective activities some additional outputs of the Community include: the development and strengthening of innovative mechanisms and processes for information exchange and communication, including normative guidelines and tools being formulated, tested and disseminated to address the range of demands and capabilities of different Community members; empowering networks for exchange of new mechanisms and processes among key stakeholders; relevant content in digital format being developed, filtered, mobilized and exchanged by community members; and other activities based on active partnerships and collaborative lesson-learning.

1.3. Deliverables

The e-Agriculture community has over 6,000 registered individual members. This membership encompasses development practitioners, policymakers, representatives of farmer organizations, researchers, and information and communication specialists involved in agriculture and rural development, from more than 150 countries. The Community activities comprise three components: a web-based multilingual space (English, French and Spanish) for knowledge sharing and collaboration on a neutral domain (e-agriculture); face-to-face events; and in-country interventions.

Over this past year, e-Agriculture Community members from around the world participated in activities such as online forum discussions (virtual meetings), international and regional meetings, and free online capacity building opportunities (through the IMARK partnership). Participation from both the private sector and non-UN organizations was also secured.

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