

Capacity building in agricultural extension through cyber extension mechanism

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Farmers need accessing to information resources in order To improve the quality and quantity of production, marketing, sailing and processing of their products. Information and communication technology plays an important role in promoting rural and to achieve sustainable agriculture. Agricultural extension system which have the important responsibility of information transmission and responding to Beneficiaries in the agricultural sector, more than other sectors depending to access to update and on time information. Cyber extension by using a variety of digital technologies, is one of the newest extension approaches that enable to responding the demands of the present age. this article using review methods has discussing about the applications of ICT in agricultural extension, comparing the characteristics of traditional extension and cyber extension and then investigating the importance and function of cyber extension in the present age. Cyber extension is developing agricultural by using Information and communication technology in cyberspace and increases: the data transfer rate, rural development, cooperation, interaction, depth and content of the extension messages, possibilities and abilities of extension and ultimately reducing costs and saving time. According to researches, a cyber-extension is one of the vital tools to support agricultural extension and development, and reduce the Communication gap between components of the agricultural extension systems and Increasing the proper communication between these components can lead to overall development of the country's agricultural system.

Key Words: Information and communication technology, cyber extension, agricultural extension, Internet.