**AN**

**ASSIGNMENT**

**ON THE TOPIC:**

**WAYS TO IMPROVE EXTENSION SERVICES IN NIGERIA**

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**COURSE CODE:**

**COURSE TITLE:**

**SUBMITTED TO**

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**JULY, 2023**

**INTRODUCTION**

Extension services in Nigeria play a crucial role in bridging the information gap between agricultural researchers and farmers. These services aim to disseminate scientific knowledge, technologies, and best practices to enhance agricultural productivity, sustainability, and profitability. The Federal Ministry of Agriculture and Rural Development (FMARD) and its state-level counterparts are responsible for providing extension services. The National Agricultural Extension and Research Liaison Services (NAERLS) serve as the coordinating body for extension activities nationwide. Agricultural Development Programs (ADPs) are state-level agencies that implement extension services at the local level. They provide training, advisory services, and technical assistance to farmers. Several NGOs in Nigeria also contribute to extension services. Examples include the Sasakawa Africa Association, International Institute of Tropical Agriculture (IITA), and Development Alternatives and Resource Center (DARC). The increasing penetration of mobile phones in Nigeria has facilitated the use of information and communication technologies (ICTs) in extension services. Projects like Akilimo, e-Services for Agriculture, and M-Farm leverage mobile platforms to deliver agricultural information and advisory services to farmers. Farmer Field Schools (FFS) is also an innovative approach to extension services that provide hands-on training within farmers' fields. It promotes peer-to-peer learning, participatory methods, and practical demonstrations of agricultural practices.

**WAYS TO IMPROVE EXTENSION SERVICES IN NIGERIA**

Improving extension services in Nigeria requires a comprehensive approach that addresses various aspects, including infrastructure, training, digital technology, and policy framework. Here are key areas that would improve extension services in Nigeria.

**1. Strengthening Infrastructure:**

a. Provision of adequate facilities: Investments should be made to establish and upgrade extension offices, training centers, and laboratories to provide a conducive working environment for extension agents and farmers.

b. Access to communication networks: Expanding mobile and internet coverage in rural areas will enable extension workers to easily communicate with farmers, share information, and deliver advisory services.

c. Access to agricultural inputs and resources: Ensuring timely availability of quality seeds, fertilizers, tools, and other farm inputs is crucial for effective extension services.

**2. Training and Capacity Building:**

a. Enhancing technical expertise: Continuous training programs should be provided to extension agents to improve their knowledge and skills on modern agricultural practices, climate-smart technologies, pest management, and value addition techniques.

b. Farmer-to-farmer knowledge exchange: Encouraging successful farmers to become trainers and share their experiences with fellow farmers can facilitate peer learning and adoption of best practices.

c. Soft skills development: Extension agents should also receive training on effective communication, facilitation, and community engagement to establish trust, foster dialogue, and empower farmers.

**3. Leveraging Digital Technology:**

a. ICT-enabled platforms: Developing and utilizing mobile applications, web portals, and SMS services can enhance information dissemination, enable real-time interactions, and provide personalized advisory services.

b. Remote sensing and data analytics: Integrating remote sensing technologies, satellite imagery, and data analytics can assist in early warning systems, crop monitoring, and decision-making by extension agents and farmers.

c. Online training and e-learning: Implementing online training modules and webinars can augment traditional training approaches, reaching a wider audience and ensuring continuous learning.

**4. Policy Framework and Coordination:**

a. Institutional support and coordination: Strengthening coordination among relevant government agencies, research institutions, NGOs, and private sector entities is crucial for effective extension service delivery.

b. Adequate funding: Allocating sufficient financial resources to extension services and ensuring timely disbursement of funds enables the implementation of training programs, infrastructure development, and technology adoption.

c. Policy reforms: Regular review and revision of agricultural policies considering the evolving needs and challenges of the sector can promote innovation and sustainability in extension services.

**CONCLUSION**

Improving extension services in Nigeria is crucial and this involves rejuvenating different areas and channels of communication; media, policy framework, infrastructure among others to promote economic advancement and agricultural productivity generally.

**REFERENCES**

Adeniji, V. A., Ajala, O. A., Ogunniyi, L. T., & Akangbe, J. A. (2020). Determinants of farmers' access to agricultural extension services in Nigeria. *Heliyon*, 6(12), e05751.

Akeredolu, M. M., & Agbelemoge, F. O. (2021). Determinants of mobile phone use for accessing agricultural extension services among small-scale farmers in Southwest Nigeria. *Cogent Food & Agriculture,* 7(1), 1898677

Borokini, T.I., and Akinbile, L.A. (2020). Overcoming extension services challenges in Nigeria: A SWOT analysis. *African Journal of Agricultural Research,* 15(1), 1-10.

Federal Ministry of Agriculture and Rural Development. (2016). Agriculture Promotion Policy (2016-2020): *The Green Alternative. Retrieved from: http://nipost.gov.ng/site/wp-content/uploads/2018/07/The-Green-Alternative.pdf*

Ogunniyi, L.T. (2020). ICTs in Nigeria’s agricultural extension services: A review of progress, challenges, and opportunities. *Journal of Agribusiness and Rural Development,* 55(2), 109-120.

United Nations Development Programme (UNDP). (2019). Strengthening Extension and Advisory Services in Nigeria. Retrieved from: *http://www.ng.undp.org/content/nigeria/en/home/library/agriculture/Strengthening\_Extension\_and\_Advisory\_Services\_in\_Nigeria.html*

Yusuf, W. A., Oladele, O. I., & Oloruntoba, G. O. (2012). The role of extension agents in agricultural development and poverty alleviation in Nigeria. *Global Advanced Research Journal of Agricultural Science,* 1(6), 142-148.