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Sustainable Agricultural Livelihood Restoration, Rehabilitation and Resilience in Kenya

Training Manual

2.2 MODULE 2

NATURAL RESOURCES MANAGEMENT

Natural resources management (NRM) refers to the management of resources such as land, trees, water, and air to ensure their continued availability for current and future generations. Natural resource management involves interactions between people and natural landscapes with their associated ecologies.

Integrated natural resource management and Community-based natural resource management technologies will be used for restoring and rehabilitation of agricultural landscapes as well as for improving livelihoods. Integrated Natural Resources Management (INRM) is an approach that integrates research of different types of natural resources into stakeholder-driven processes of adaptive management and innovations to improve livelihoods, agro- ecosystem resilience, agricultural productivity and environmental services at community, eco-regional and global scales of intervention and impact. INRM has emerged as a necessary approach to solve problems of agricultural communities.

Community-based NRM refers to the process of involving local communities in the management of these resources with the objective of both conserving the environment but also ensuring socio-economic development of local communities.

This training manual seeks to equip trainers, working in a rural context with information and skills to carry out activities related to INRM for the benefits of the targeted community. These activities range from raising awareness about natural resource depletion, facilitating discussions surrounding equitable use of natural resources, to approaching government and other agencies to ensure that local communities benefit from resources use in their areas. The training will cover the following sub-modules:

- Land degradation and sustainable agriculture
- Integrated soil fertility and water management
- Soil and water management
- Problematic soils and their management
- Irrigation and drainage
- Agroforestry systems