Food and Agriculture Organization of the United Nations

STRENGTHENING AFGHANISTAN INSTITUTIONS CAPACITY FOR
THE ASSESSMENT OF AGRICULTURE PRODUCTION AND SCENARIOS DEVELOPMENT

LAND RESOURCES INFORMATION MANAGMENT SYSTEMS (LRIMS)

The Land Resources Information Management System (LRIMS) is a Data Integration and Analysis System for Land Suitability Evaluation and Modeling Land Responses to Agricultural Policies to be built and customized for the Afghan context.

01 **LRIMS comprises a suite of user-friendly GIS-based information management and analysis tools organized into a toolbox.** It introduces navigation, authoring, processing, query, and map-building capabilities; and offers standardized analysis functionality.

02 **LRIMS presents a framework for the management of GIS content, provides straightforward access to organizational data and metadata** organized into a central spatial database, and promotes collaboration between staff within an organization.

03 **LRIMS allows evaluation of land-use suitability through multiple criteria analysis-based assessments** of the physical/socio-economic conditions of land, including Socio-Agricultural Vulnerability Assessment (SAVA).

04 **LRIMS would guide policy-makers in developing appropriate policies/plans and providing location-specific adaptation options for farmers** through the evaluation of the benefits /constraints of different options and the simulation of different scenarios for various land-uses.

05 **LRIMS enhances Data Sharing (e.g. through published and shared maps)** LRIMS-authored maps would consequently be delivered through the web to unlimited numbers of users. A dedicated information portal would be built to provide information on land suitability.

The ultimate objective of LRIMS is to improve agriculture planning activities, policies and programs and eventually farmer productivity.

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