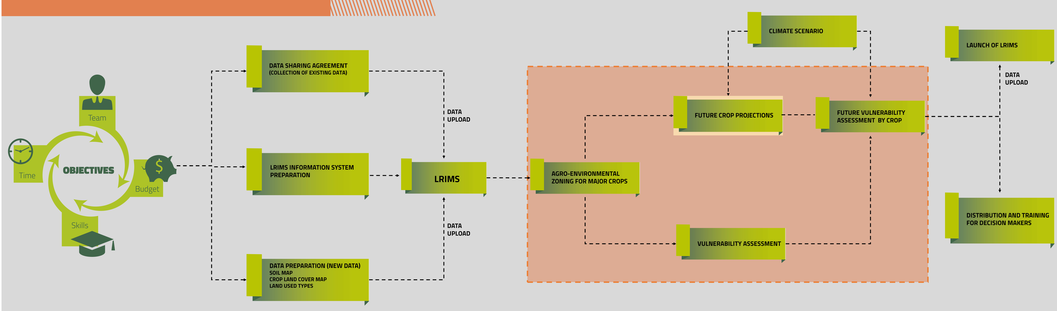
Food and Agriculture Organization of the United Nations

Strengthening Agro-climatic Monitoring and Information Systems (SAMIS)

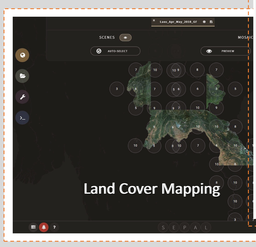
Land Resource Information Management System (LRIMS)

PRODUCTION CHAIN



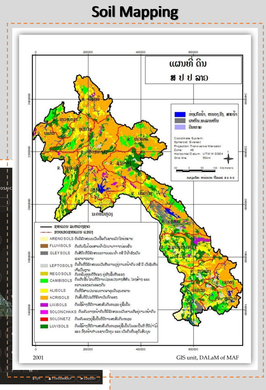
DATA Acquisition

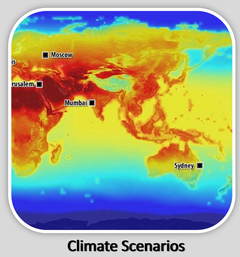
Data Sharing Agreements



Land Cover Mapping

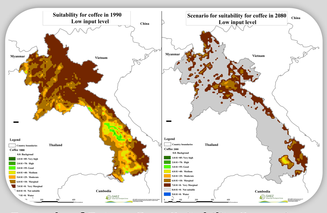
Soil Mapping





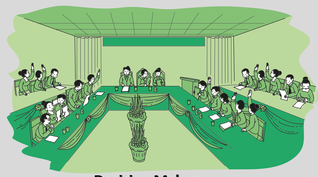
Climate Scenarios

CLIMATE SERVICES FOR DECISION MAKERS



Example of Future Crop Suitability Scenario

POLICY MAKING AND PLANNING
App & web page



Decision Makers

Policy

TRAININGS

Geographic Information System (GIS)

- *Spatial analysis*
- *Geo-data base*
- *Statistical software*
- *Scripting and programming*
- *Land cover mapping*
- *Metadata*

Spatial Modelling and Planning

- *Landslide risk*
- *Drought vulnerability*
- *Multiple crop modelling*
- *Land suitability*
- *Climate data spatial downscaling*
- *Socio-economical assessment*
- *Landscape level planning and management*
- *Policy and decision-makers training*

The activity is implemented by the Component 2 of the project Strengthening Agro-climatic Monitoring and Information Systems (SAMIS) to improve adaptation to climate change and food security in Lao PDR through the activities of the Department of Agricultural Land Management of the Ministry of Agriculture and Forestry using GEF financing.

www.fao.org/in-action/samis

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