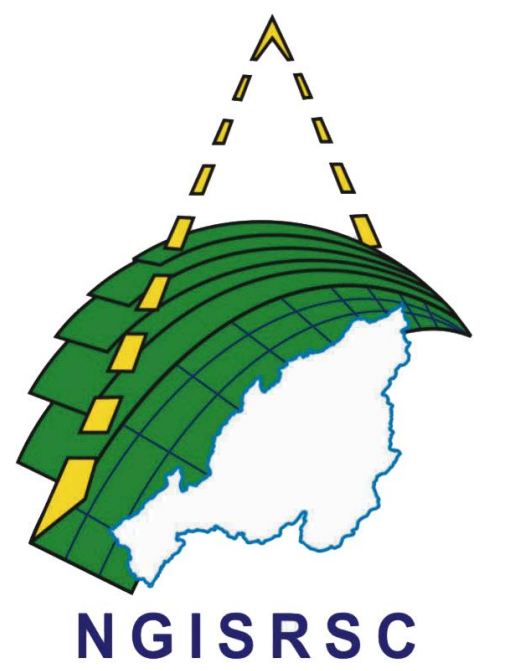


VILLAGE RESOURCE MAPPING

NAGALAND GIS & REMOTE SENSING CENTRE



Resource Maps provides the basic details of natural resources and the development activities in spatial format. The mapping usually is done in cadastral scale. Settlements, existing infrastructure and assets, land cover, land use, water resources and areas of specific interest of the village are spatially mapped. The output will serve as baseline information for planning and development activities particularly for the village level management authority and by the Government at large. It will also serve as the base layers for further GIS Analysis.

Land, water and environmental issues related with development attains more importance at the grass root level. The absence of reliable and scientific information of these resources is a bottleneck and could be a missing link in drawing out developmental plans at the grass root level. The village level developmental plans can be meaningfully prepared only with the help of the cadastral level information and mapping resources database.

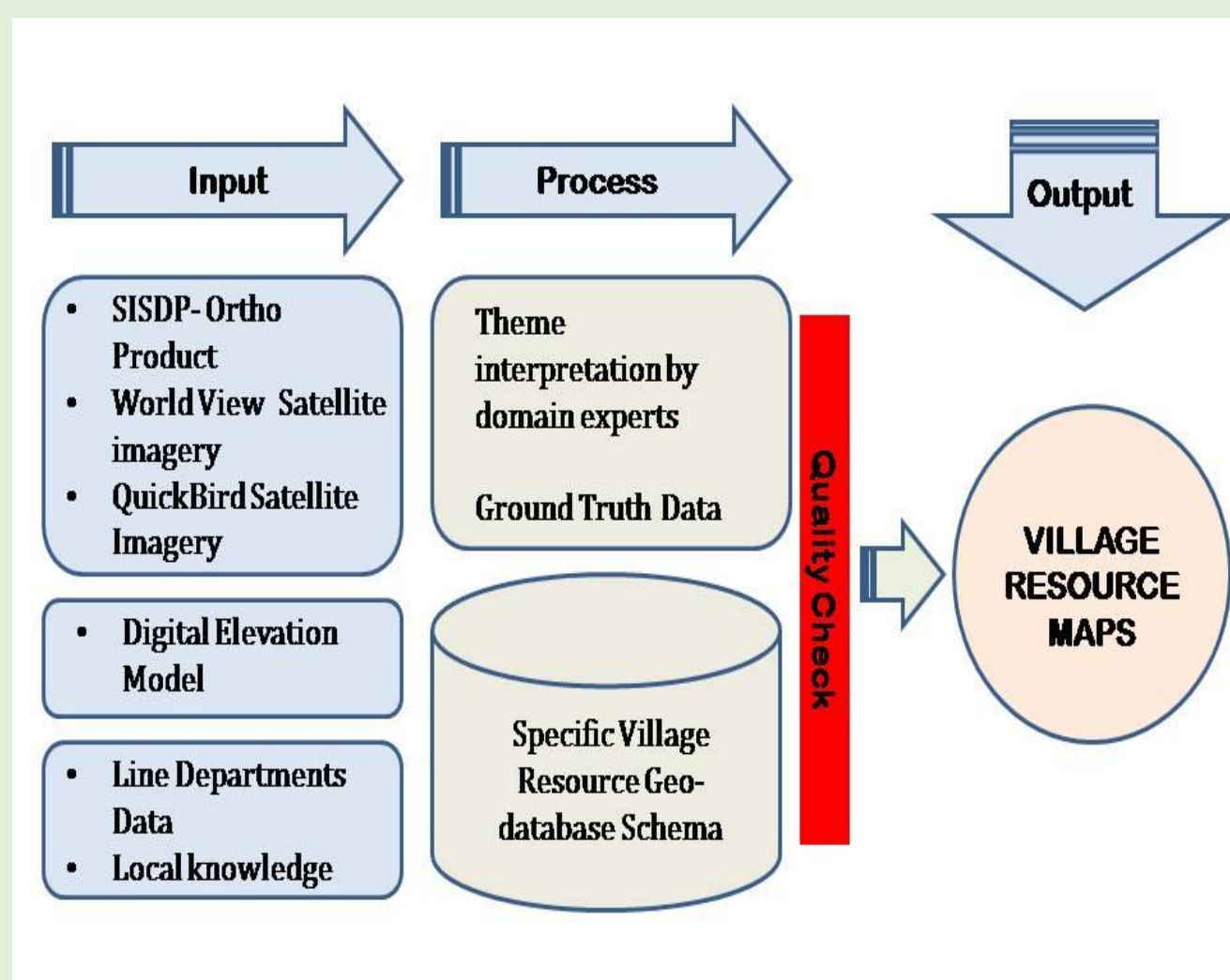
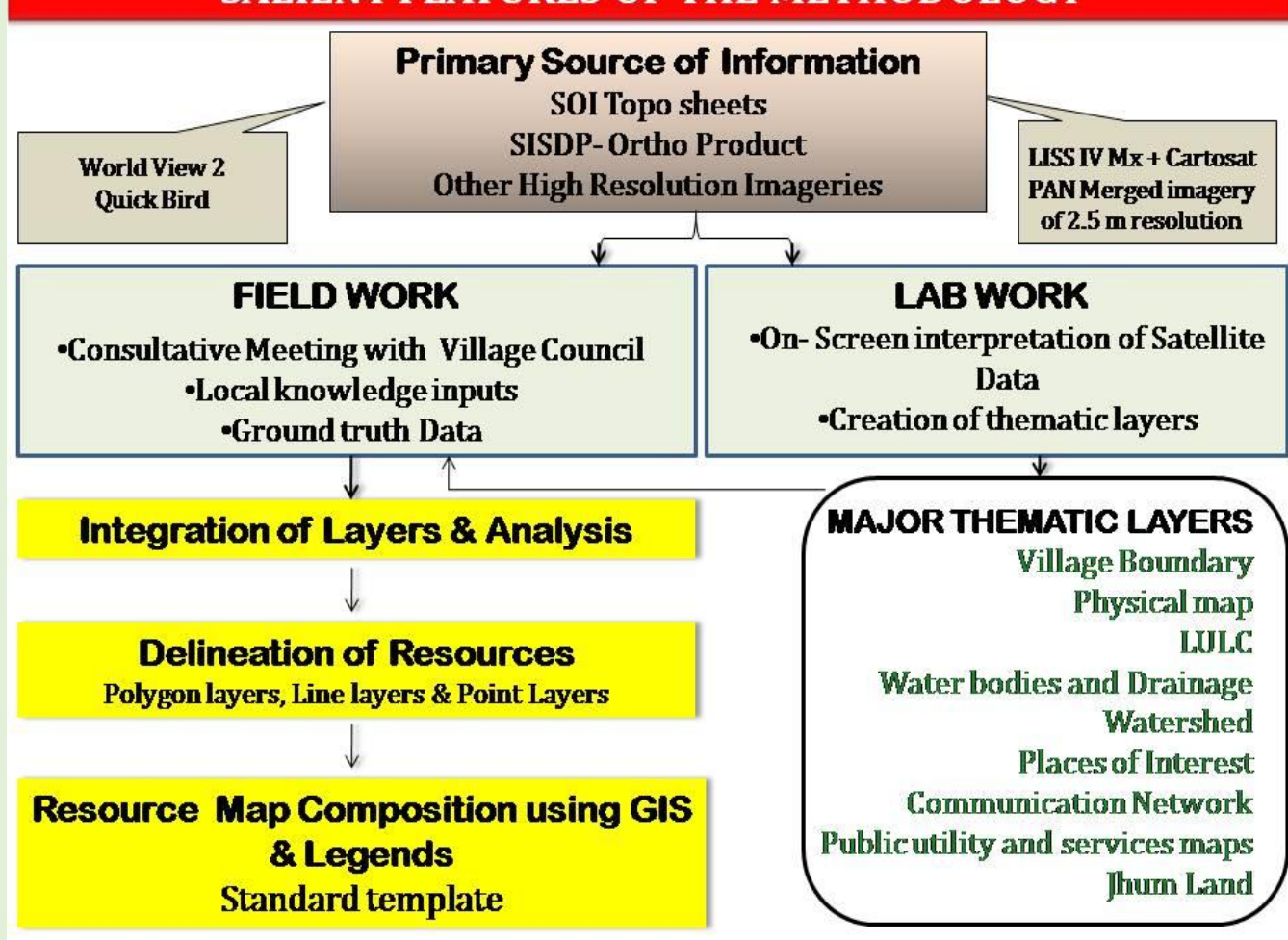
The local communities as users of localized natural resources tend to accumulate firsthand knowledge and experience about status and functioning of such resources. It is in this light, the approach of the present study is so designed where knowledge sharing and merging of space based information system and technology, together with participatory appraisal of natural resources are given prime importance.

Village Resource Map Series aims in building a strong geospatial database in the village level for perspective planning and development. The usage of GIS and Remote Sensing techniques would improve the accuracy of the data and information.

OBJECTIVES

- To study and collect information of natural resources considering village as a unit.
- To prepare spatial database of the study area with regard to all available resources.
- Identify key areas for resource development of the study area with local and indigenous knowledge inputs.
- Prepare and publish geospatial maps of the study areas for various planning and development.

SALIENT FEATURES OF THE METHODOLOGY



Conceptual framework of approach for village resource mapping

