



# NAGALAND GIS & REMOTE SENSING CENTRE

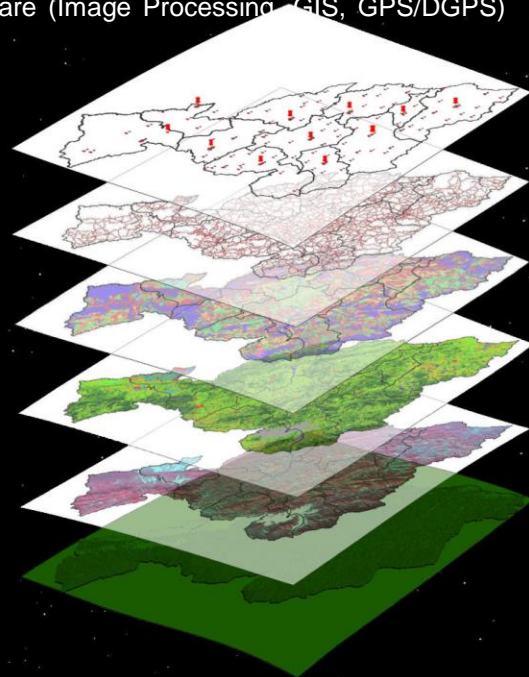
Since its inception Nagaland State GIS & Remote Sensing Centre has been providing full spectrum of innovative geospatial services and solutions, application softwares, geospatial data engineering and analytics services to facilitate all line departments, resource managers, planners and decision makers for sustainable development planning activities in the state of Nagaland. Indian Space programme emphasizes on utilization of space technology for the betterment of the society. Towards realizing this objective the centre is acting as an apex body of the state of Nagaland for space technology applications such as Remote Sensing, GIS, GPS, IT & ICT. The center has now become a geospatial resource hub and the repository of various thematic layers; geospatial applications satellite imageries, most modern hardware and software (Image Processing, GIS, GPS/DGPS) installations in addition to a team of scientists and technical staff.

## OUR VISION

- To develop State Infrastructure for the availability of and access to organized Geo-Spatial Data
- To develop techniques and methodology that could be helpful in alleviating the problems of the State.
- Committed to provide benefits of Geo-spatial Technology to common man.
- Provide scientific inputs to various line departments and institutions of the state using Geo-spatial technology in their programs.

## OBJECTIVES

- To undertake, promote, guide, coordinate and aid research and development in the field of remote sensing, satellite communications & geospatial science.
- Survey for monitoring and assessment of natural resources.
- To carry out spatial temporal surveys
- Surveillance using Geo- spatial technology.
- To develop an efficient data acquisition and retrieval system and to act as a repository of various natural resources data of the state.
- To act as a nodal organization in the state, advising the user agencies and to disseminate the remote sensing & GIS technology at operational levels.
- To provide research and development support to the teaching and research organizations of the state in specified areas of geospatial technology.
- To organize training and capacity building programmes for advanced study and Research in Geo-Spatial technology and its applications.
- To cooperate and collaborate with other national and overseas institutions and research in Geo-Spatial technology and its applications.



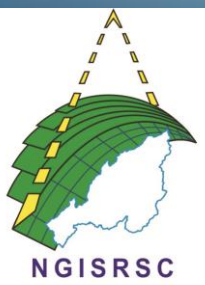
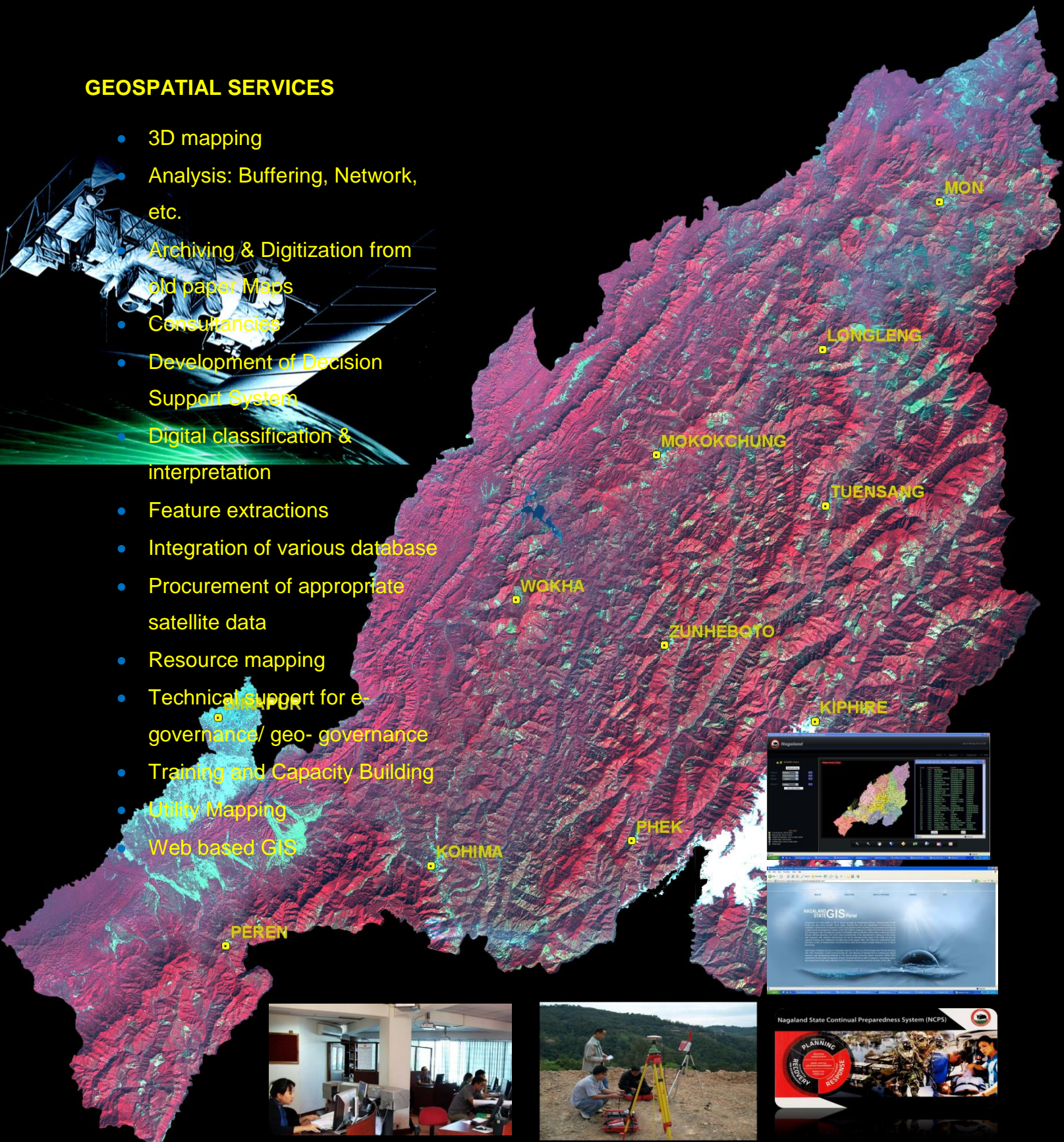
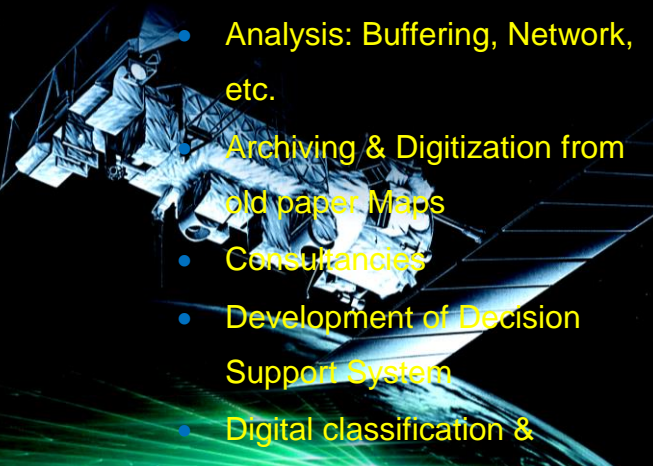
## TOWARDS A DIGITAL NAGALAND

## GOAL

To create a platform where all stakeholders (line Departments) can cooperate and interact with each other with the relevant technologies in order to meet objectives at different political and administrative levels for perspective planning and development.

## GEOSPATIAL SERVICES

- 3D mapping
- Analysis: Buffering, Network, etc.
- Archiving & Digitization from old paper Maps
- Consultancies
- Development of Decision Support System
- Digital classification & interpretation
- Feature extractions
- Integration of various database
- Procurement of appropriate satellite data
- Resource mapping
- Technical support for e-governance/ geo-governance
- Training and Capacity Building
- Utility Mapping
- Web based GIS



PLEASE CONTACT

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