

Agriculture Services

Time to Bring Revolution in Agriculture Industry

Satellite and Drone Data

SATPALDA is one of the leading provider of Remote sensing data and Geospatial services to the users all over the world. We believe in operating on high quality and precise data so as to deliver accurate results to our clients. The images captured from **satellite** and **drone** are accurately georeferenced by our team based on high quality ground control points. The output data can be viewed and utilized in CAD format, 3D model, orthophoto or as required by the client.

Services We Offer



Farm Management Solution

- Geotag farm monitoring
- Crop health parameters
- Customize your farm management solutions with us
- Detect Crops sowing
- Compare with the benchmark dataset
- Irrigation monitoring
- Manage activities and tasks for the field Team

Ground Truthing Solution

- Smart ground truthing plan-a cost effective solution
- Ground truthing based on satellite indices
- Customize Mobile Applications





Crop Monitoring Services

- Crop Identification
- Crop acreage estimation
- Crop health monitoring
- Crop loss Assessment
- Crop risk modelling
- Crop Acreage

Crop Yielding Modelling

- Crop yield modelling
- Smart crop cutting sampling plan
- Crop cutting experiment validation



Crop Insurance Solutions

- Prevented / failed sowing Monitoring
- Mid- season Adversity Assessment
- Localized calamity
- Loss Assessment

Land Use & Land Cover Mapping

Land cover maps are essential for making wise decisions about policy, development, planning, and resource management. It's also critical to differentiate areas from other types of land cover by identifying water surfaces



Watershed Management

- Watershed management solution
- Waterbodies monitoring

Disaster Management Modelling

- Crop yield modelling
- Smart crop cutting sampling plan
- Crop cutting experiment validation

Forestry

- Forest Cover Type Mapping
- Identify Individual species /Horticulture /Medicinal
- Forest Fire management
- Detection of Damage due to climatic events
- Detecting deforestation and forest degradation

Fisheries

- Habitats and conditions of marine waters
- Distribution of resources and regulation of fisheries
- Promotion of fisheries products
- Managing the coastal zone



Global Presence

Since 2002, SATPALDA has been working on various international geospatial projects spanning across 60 different countries. The company rose to the need for satellite-based products from various industry verticals such as Oil & Gas, Mining, Urban Planning, Infrastructure, Environment, Telecommunication, Agriculture, Water resources, etc. It was a time when satellite-based high-resolution data market was in its infancy. The company has successfully endeavored to facilitate its users of public and private sectors through awareness and education campaigns. With innovation and quality as guiding principles, SATPALDA uses advanced technologies and ISO 9001:2015 certified quality system mandates to expand the traditional mapping and GIS applications.



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