

## NAKSHA PROGRAM - ECONOMY

**NEWS:** *The Union Minister of Rural Development and Agriculture inaugurated the NAKSHA program in Raisen, Madhya Pradesh.*

### WHAT'S IN THE NEWS?

#### **Modernization of Land Ownership Management through Digitization**

The digitization of land records is fundamentally transforming the management of land ownership in rural India. This process is addressing traditional challenges such as cumbersome paperwork and frequent ownership disputes, making the entire system more efficient and transparent.

#### **Benefits of Digitization:**

- **Enhanced Transparency:**  
Digitized records make land ownership information readily accessible to the public. This transparency helps to curb illegal encroachments and fraudulent practices, ensuring that all parties can verify land titles easily.
- **Simplified Dispute Resolution:**  
With accurate digital records, resolving land disputes becomes more straightforward. The availability of clear, organized data reduces the burden on courts, streamlining legal processes and minimizing prolonged litigation.
- **Empowerment of Marginalized Communities:**  
By providing easier access to verified land records, the digitization process empowers marginalized communities. This improved accessibility helps ensure that even the underrepresented groups can secure and defend their land rights effectively.
- **Accurate Land Management with Geospatial Integration:**  
The integration of geospatial mapping enables precise surveys and better land management. This technological advancement ensures that land boundaries are accurately defined, reducing discrepancies and potential conflicts over land ownership.

### **Digital India Land Records Modernization Programme (DILRMP)**

- **Introduction:**
  - The Central Government **approved the National Land Records Modernization Programme (NLRMP) on 21 August 2008 to modernize the land records system** in the country, which was relaunched in the year 2016 and renamed as **Digital India Land Records Modernization Programme (DILRMP)**.
  - It is a **Central Sector Scheme** with 100% funding by the Centre.
- **Objective:**
  - Introduction of a system for updated land records, automated and automated mutation, integration between text and spatial records, **inter-connection between revenue and registration**, replacement of the current deed

registration and presumptive title system with conclusive title with title guarantee.

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**Naksha**  
Modern technology will give a new direction to future planning!

**Benefits of Naksha**

- Aerial Survey:** Accurate and fast data collection
- 2D Nadir Camera:** For capturing ORI in flat cities
- Oblique Angle Camera:** For vertical cities
- LiDAR Sensor:** For mountainous congested old, tree canopy density.

- Accurate and online land records** will be available
- Improving **urban land management**
- Advanced urban **land administration and disaster management**
- Transparent and faster** land-related processes

### Challenges:

- **Outdated and Missing Records:**  
Despite significant progress, many regions, particularly in the northeastern states where community-owned lands are common, still suffer from outdated or missing land records. This gap creates challenges in implementing comprehensive land reforms.
- **Inconsistencies in Cadastral Maps:**  
Numerous cadastral maps are either outdated or incomplete. The discrepancies between these maps and actual land ownership often lead to disputes and confusion, complicating efforts to modernize land management.

### Key Initiatives:

- **NAKSHA Programme:**  
Expected to cost ₹194 crore and fully financed by the Government of India, the NAKSHA programme covers 152 Urban Local Bodies across 26 states and 3 Union Territories.

- **Survey of India** acts as the technical partner, conducting aerial surveys and providing orthorectified imagery.
- The **Madhya Pradesh State Electronic Development Corporation (MPSEDC)** develops the comprehensive web-GIS platform.
- **National Informatics Centre Services Inc. (NICSI)** provides secure storage facilities.  
The primary objective is to create and update urban land records, ensuring accurate and reliable documentation of land ownership.
- **SVAMITVA Scheme:**  
Implemented by the Ministry of Panchayati Raj (MoPR), this Central Sector Scheme aims to provide a 'Record of Rights' to village household owners in inhabited areas. By doing so, it ensures that land ownership in rural areas is formally documented and protected.

### **Conclusion and Way Forward:**

The government's initiatives in digitizing land records are revolutionizing land governance by greatly enhancing transparency and accessibility. This shift is particularly beneficial for marginalized communities, ensuring they have secure access to their land rights. Organized and efficient land record management not only contributes to a more inclusive and equitable society but also fosters economic growth and stability by reducing disputes and optimizing land use. Moving forward, continuous updating of records and the integration of advanced geospatial technologies will be crucial for further enhancing land management across rural India.

**Source:** <https://ddnews.gov.in/en/union-minister-shivraj-singh-chouhan-to-inaugurate-naksha-program-for-urban-land-survey/>