



Launch of Major Digital Land Reforms: DoLR to host National Symposium on Naksha and LandStack for Urban Land Governance

प्रविष्टि तिथि: 02 DEC 2025 12:45PM by PIB Delhi

The Department of Land Resources (DoLR), Ministry of Rural Development, Government of India, is set to host a pivotal **National Symposium on NAKSHA – National Geospatial Knowledge-based Land Survey of Urban Habitations and LandStack** on December 3, 2025, at Bharat Mandapam, New Delhi. The symposium is a dedicated platform within the GeoSmart India 2025 Conference & Expo, aimed at accelerating the adoption of geospatial technologies to transform urban land records and enhance citizen services across the Nation.

The National Symposium will bring together key policymakers, domain experts from Survey of India, State Revenue/Land Records officials, and industry leaders for intensive deliberation across six critical sessions.

Key Highlights of the Symposium

1. NAKSHA Pilot Review and Scaling-Up: A comprehensive review of the **NAKSHA** pilot programme, which leverages modern aerial flying and feature extraction technologies for accurate land mapping across over **157 cities**, will be undertaken. Discussions will focus on technical challenges, ensuring data accuracy in dense urban environments, and aligning aerial surveys with ground reality and existing cadastral maps.

2. Building the Future Digital Ecosystem: LandStack: The Symposium will feature dedicated sessions on developing the **LandStack**, envisioned as India's unified digital land ecosystem. Experts will debate the core base layers, architectural challenges of integrating cadastral maps, geospatial data, and administrative records, and the necessity of federated models under common national standards to ensure seamless data exchange.

3. The UrPro Card and Legal Framework Alignment: A primary focus will be on the **UrPro Card**, a proposed single, trusted digital property document. Deliberations will cover the legal and institutional alignments required in States and Union Territories to successfully integrate the UrPro Card across registration, mutation, property tax, and building permission systems, thereby empowering citizens with secure and transferable digital property rights.

4. Technology Demonstration and Interoperability: The event includes an end-to-end demonstration of the cutting-edge WebGIS Platform and Cloud Services. Discussions will focus on leveraging emerging technologies like AI/ML analytics, 3D mapping, and cloud geospatial services to boost transparency, accuracy, and accountability in urban land governance, improving the ease of living for citizens.

The symposium underscores the Government's commitment to utilizing cutting-edge technology and a 'Whole-of-Government' approach to replace legacy systems with transparent, citizen-centric digital land administration, which is critical for achieving the vision of **Viksit Bharat**.

HR

(रिलीज़ आईडी: 2197439) आगंतुक पटल : 1128

इस विज्ञप्ति को इन भाषाओं में पढ़ें: Urdu , हिन्दी , Tamil , Kannada