



International Workshop on Land Governance

Why in News?

The [Ministry of Panchayati Raj](#), in collaboration with the [Haryana Institute of Public Administration \(HIPA\)](#), is hosting an “**International Workshop on Land Governance**” from 24 to 29 March 2025, at the HIPA Complex in **Gurugram, Haryana**.

- It is organised with the help of the Ministry of External Affairs under its [Indian Technical and Economic Cooperation \(ITEC\) program](#).

Key Points

- **Global Participation and Focus Areas:**
 - The workshop will bring together **delegates from 22 countries across Africa, Latin America, and South-East Asia**.
 - Participants will explore **innovative solutions to address [land governance challenges](#)** worldwide.
 - India's pioneering [SVAMITVA Scheme](#), which uses [drone technology](#) to **map rural inhabited areas and provide legal property ownership documents**, will be showcased.
- **Technical and Field Sessions:**
 - Sessions will cover **drone-based land survey techniques, high-resolution mapping, and [geospatial technologies](#)** for improved land administration.
 - Participants will engage in hands-on demonstrations of drone survey methods, data processing, ground verification, and [GIS \(Geographic Information Systems\) integration](#).
 - **The Survey of India will conduct live drone survey demonstrations** in a village to offer practical exposure.
 - **Field visits and exhibitions** will further provide real-world insights into modern land governance technologies.
 - Ten drone vendors will set up stalls displaying innovations in **drone-based land mapping and survey techniques**.
- **Participation of Industry Leaders:**
 - Knowledge partners include Survey of India, State Land Revenue Departments, [National Informatics Centre](#), [Geo-Spatial World](#), Hexagon, Trimble, Aereo, Marvell Geospatial, Idea Forge Tech, and AWS.
 - Classroom demonstrations will cover:
 - Drone use cases in land governance.
 - Ortho-rectified imaging and feature-extracted mapping.
 - Ground verification technologies for high-resolution mapping and property card finalization.
- **Addressing the Global Land Governance Challenge:**
 - **The 2017 [World Bank](#) report states that only 30% of the global population holds legally registered land titles.**
 - India's SVAMITVA Scheme provides a model for global land governance, offering 5cm accuracy mapping at a 1:500 resolution.
 - The workshop aims to help participating nations achieve [Sustainable Development](#)

[Goals \(SDGs\)](#) related to land rights by learning from India's model.

SVAMITVA Scheme

- **About:**
 - SVAMITVA stands for **Survey of Villages and Mapping with Improvised Technology in Village Areas**.
 - It is a [center sector scheme](#) which was **launched nationally** on the occasion of [National Panchayati Raj Day](#) on 24th April 2021.
- **Aim:**
 - To provide an integrated property validation solution for rural India.
- **Features:**
 - The **demarcation of rural inhabited areas** would be done using **Drone survey** and **CORS (Continuously Operating Reference Stations) Networks** which provides mapping accuracy of 5 cm.
 - This would provide the '**record of rights**' to village household owners possessing houses in inhabited rural areas in villages.
 - It **will cover around 6.62 Lakh villages** of the entire country **during 2021-2025**.

Indian Technical and Economic Cooperation (ITEC) Program

- The ITEC program, **initiated in 1964**, spans 160 partner countries, providing **short-term training across diverse disciplines**.
- Courses cover areas such as Engineering, Climate Change, Health, and Women Empowerment, contributing to holistic skill enhancement globally.

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