



MapVision-AI

Geospatial intelligence built for
government decision-making

ABOUT MapVision- AI

MapVision-AI is a browser based geo-spatial platform that transforms satellite imagery into actionable insights, offering unprecedented visibility to enhance **assessment**, **monitoring** and **decision-making** for urban local bodies.

CHANGE DETECTION

Multi-date satellite comparison that surfaces what changed inside any boundary - new construction, expansion, demolition, conversion - with side - by side visual evidence.

- ✓ Any two dates compared
- ✓ City-scale coverage
- ✓ Visual + vector evidence

PLATFORM CAPABILITIES



IMAGERY SOURCES



MODULES COVERED



MODULE-A
Urban Change Detection & Illegal Encroachment Identification



MODULE-B
Green Cover Monitoring



MODULE-C
Water Body Monitoring



MODULE-D
Air Quality Monitoring

USE CASES

	Urban Planning	Enables real-time monitoring of city expansion and land-use changes
	Illegal Construction	Detects unauthorized construction at an early stage for timely enforcement
	Property Tax	Identifies unassessed and missing properties to maximize revenue collection
	Water Bodies	Monitors encroachment and pollution in lakes, ponds, and reservoirs
	Flood Management	Delivers predictive flood intelligence and early warning capabilities
	Green Cover	Tracks tree cover changes and land conversion for effective environmental management
	Air Pollution	Provides comprehensive spatial air quality monitoring and pollution mapping

DASHBOARD OVERVIEW



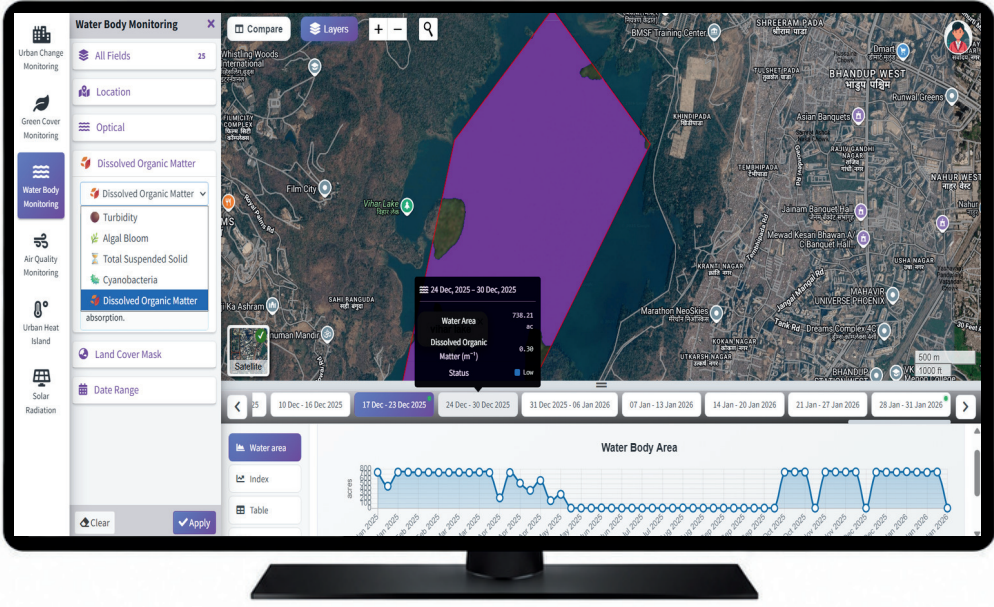
Urban Change Detection



Green Cover Monitoring



Water Body Monitoring



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