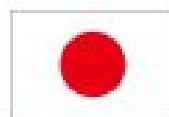


Tokyo
Development
Learning
Center

India Action Plan

IT for Improving Land Administration Services TDD
Tokyo & Kobe, Japan
November 2017

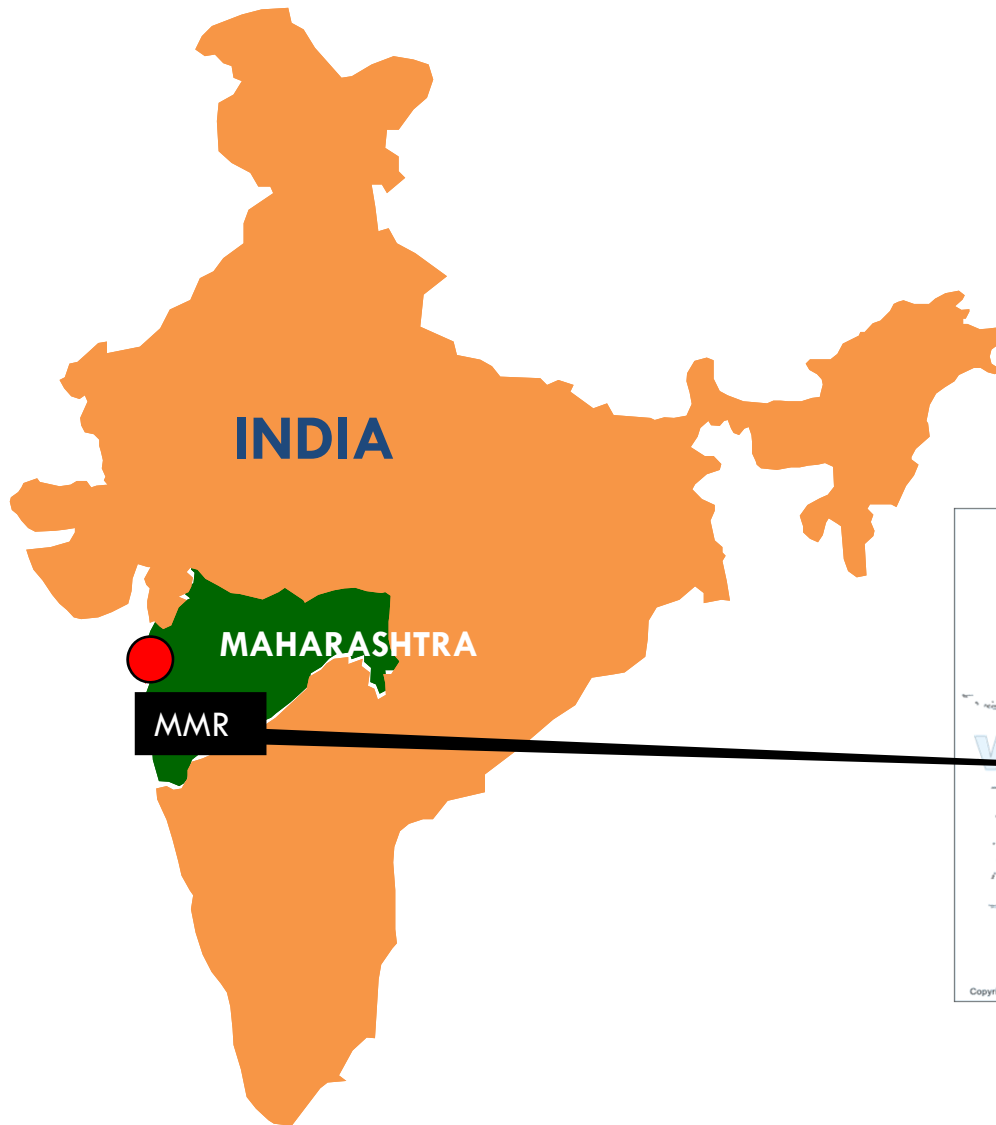


Government
of Japan

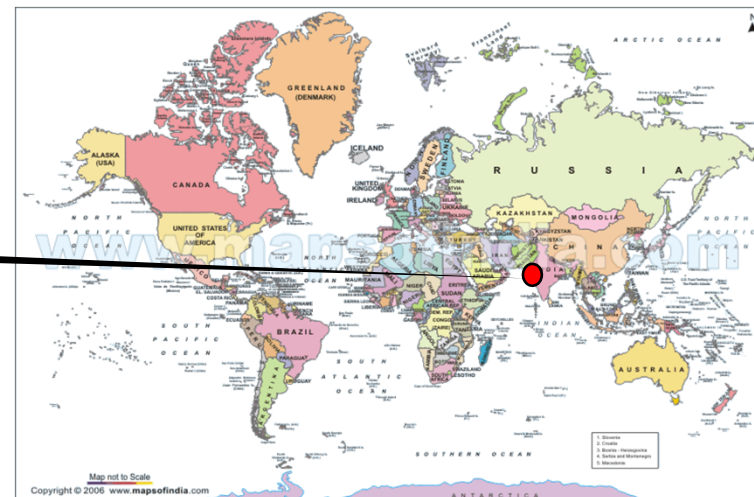


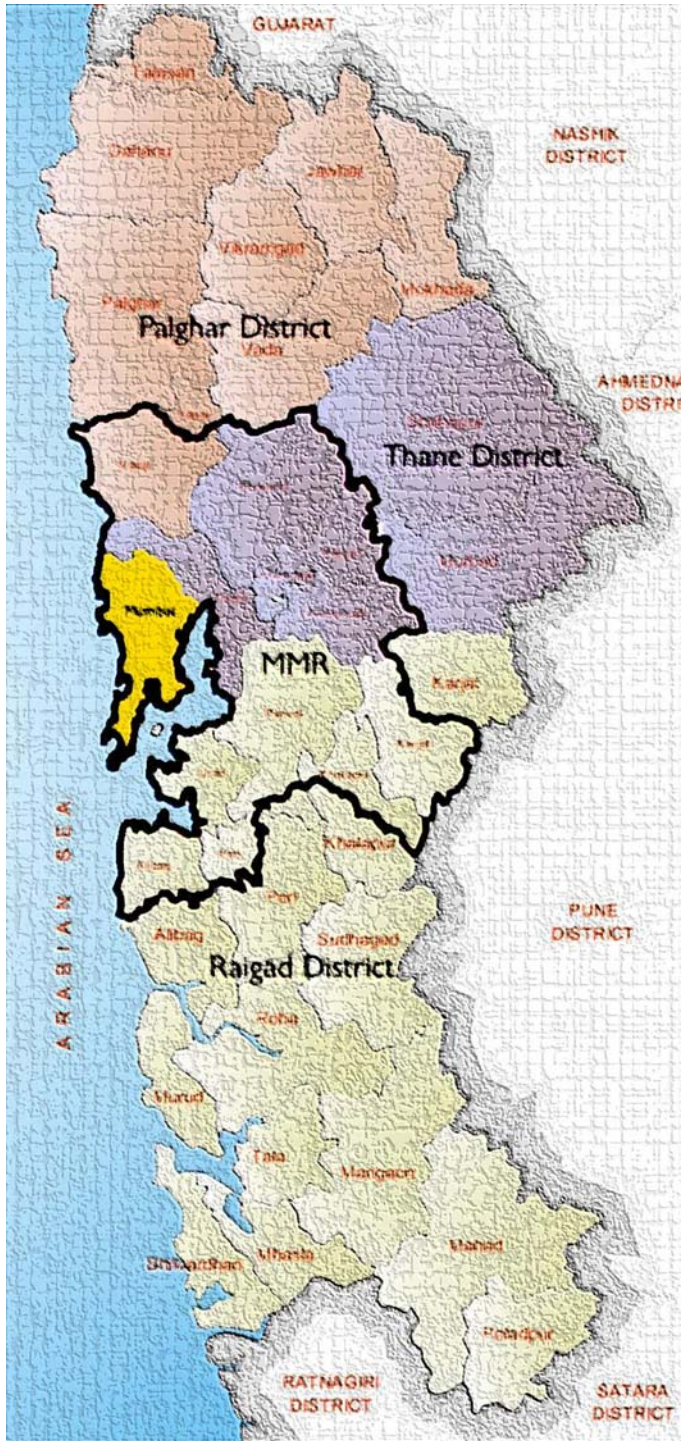
WORLD BANK GROUP
Social, Urban, Rural & Resilience

India, Maharashtra and Mumbai Metro. Region



- Big Nation
- Land – State Subject
- National Mission
- Right to Information Act
- Institutions at National & State Level



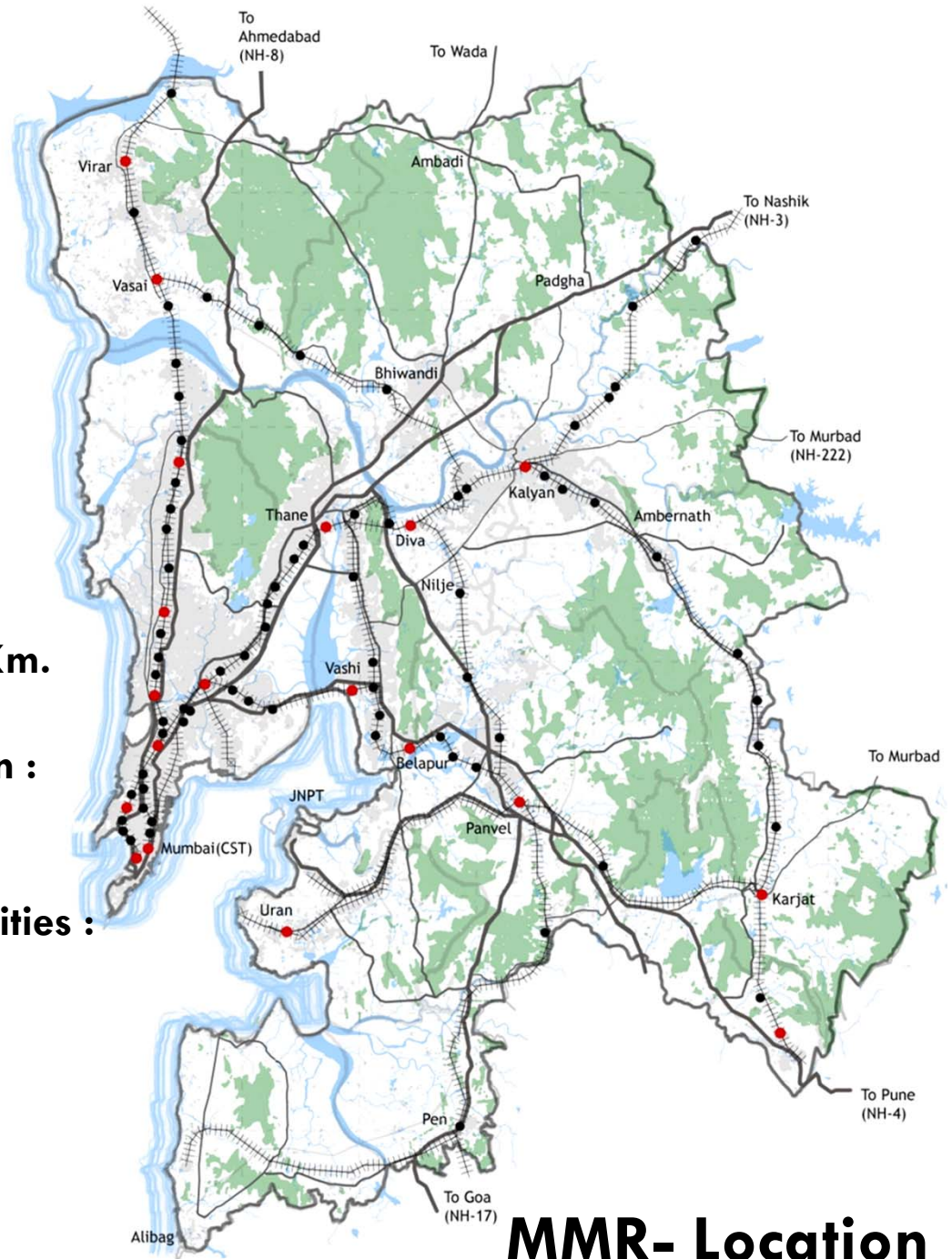


Area :
4300 sq.Km.

Population :
23 M

Municipalities :
17

Villages :
1000



MMR- Location

The current status

National Missions, Digital India – committed


National Land Record Modernisation Programme (2008)

- Cadaster maps are digitised
- Resurvey with modern technology on-going
- Computerised land records and registration
- Online Mutation process
- Core GIS on Land Records – slow progress

Many national and state level agencies generating geospatial information independently

- Maharashtra Remote Sensing Agency
- National Atlas and Thematic Mapping Organisation


MahaBhulekh – Online Land Records



महाराष्ट्र शासन

महसुल व वन विभाग

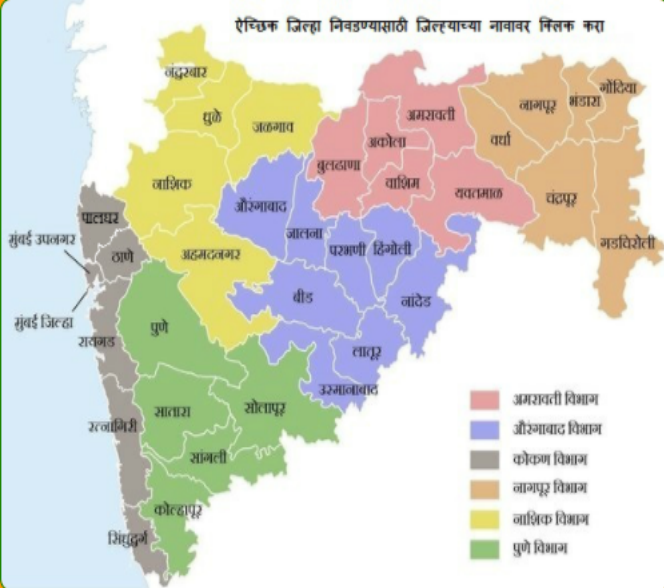
गाव नमुना नंबर ७/१२ व ८ अ, मालमत्ता पत्रक पाहणे



सत्यमेव जयते

To Search Status of Land Disputes / Cases in Revenue Courtsआपल्या सर्व्हे नंबरशी संबंधित महसूल न्यायालयांतील वादविवादांची माहितीमुख्यपृष्ठ

रेव्हिन्यू जिल्हा निवडण्यासाठी जिल्ह्याच्या नावावर क्लिक करा



— अमरावती विभाग
— औरंगाबाद विभाग
— कोकण विभाग
— नागपूर विभाग
— नाशिक विभाग
— पुणे विभाग

पुणे विभाग

७/१२ ८अ मालमत्ता पत्रक

जिल्हा

तालुका

गाव

शोध : सर्व्हे नंबर / गट नंबर अक्षरी सर्व्हे नंबर / गट नंबर
 पहिले नाव मधील नाव आडनाव संपूर्ण नाव

सूचना : या संकेतस्थळावर दर्शविलेली माहिती ही कोणत्याही शासकीय अथवा कायदेशीर बाबीसाठी वापरता येणार नाही. बीबीसीसाठी वापरता येणार नाही.

जमावटी आयुक्त आणि संचालक भूमि अभिलेख कार्यालय

तिसरा मजला, नवीन प्रशासकीय इमारत, कोर्नरल हॉल समोर, पुणे


दूरध्वनी : ०२०-२६०५०००६, ई-मेल : dirmah[dot]mah[at]nic[dot]gov[dot]in

Best viewed with resolution 1366*768 in Firefox, Chrome, IE.


ABOUT SSL CERTIFICATES

NLRMP Website

<http://nlrmp.nic.in/faces/rptPhysicalHome/rptStateGenericDetail.xhtml?id=../master/physical.xhtml>



Digital India Land Records Modernization Programme - MIS 2.0
 Department of Land Resources (भूमि ससायन विभाग)
 Ministry of Rural Development, Government of India (ग्रामीण विकास मंत्रालय, भारत सरकार)



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[Map for Components](#)
[Dashboard](#)

▼ Sanction and Release

Project Wise

Component wise

Model Districts

Model Districts -Component wise

Financial Year wise

Duration wise (From – To)

Activity wise

State / District wise

▼ Physical progress

Land Records State Generic Details

State RoR on Web

FORMAT PHM1:CLR Status

Land Records State/UT Generic Details

Sl.No	State/UT Name	Entry of ROR	Whether Hand Written Records Discontinued	Whether Legal Sanctity given to Computerized ROR	Whether ROR Available On Web	Website Address		Dashboard Link		Whether Maps Available On Web	Establishment of Project Management Unit (PMU) for NLRMP at the State/UT level	Integration with Banks	Integration with Courts	Periodic Updation ROR/DA (Old Jamabar to New Jamabar done through)
						ROR	Bhunaksha	LR	PR					
1	2	3	4	5	6	7a	7b	8a	8b	9	10	11	12	13
1	ANDAMAN & NICOBAR	Ownership	Yes	Yes	Yes	Dweep bhoomi	Not Available	Not Available	Not Available	No	Yes	No	No	Comput
2	ANDHRA PRADESH	Ownership	Yes	Yes	Yes	Mee Bhoomi	Bhunaksha_AP	Not Available	Not Available	Yes	No	Yes	No	Comput
3	ARUNACHAL PRADESH	Ownership	No	No	No	Not Available	Not Available	Not Available	Not Available	No	Yes	No	No	Manua
4	ASSAM	Ownership	Yes	Yes	No	Not Available	Not Available	Not Available	Not Available	No	No	Yes	No	Comput
5	BIHAR	Ownership	No	Yes	Yes	Bihar Bhoomi	Not Available	Not Available	Not Available	No	Yes	No	No	
6	CHANDIGARGH	Ownership	No	No	No	Not Available	Not Available	Not Available	Not Available	No	No	No	No	Comput

Windows Taskbar
nlrmp.nic.in/faces/rpt...
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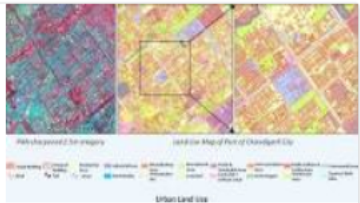
National Urban Information System

India, TDLC: Challenges - x national urban informati...

Secure | <https://www.google.co.jp/search?q=national+urban+information+system&oq=national+urban+informa&aqs=chrome.0.0j69i...>

Apps | Inbox - umaplanner@ | Webmail Login | Urbanisation in India | Global Lab | GRs | gmail.com | Town Plannig Dept | Other bookmarks

National Urban Information System (NUIS)
National Urban Information System (NUIS) is a **National** Mission initiated by Ministry of **Urban** Development (MoUD) in 2006 for Generation of multiscale (10,000, 2000, 1000) Hierarchial **Urban** Geospatial Database on Thematic content using Satellite, Aerial and GPR techniques.



[National Urban Information System \(NUIS\) | National Remote Sensing ...](https://nrsc.gov.in/NUIS)
<https://nrsc.gov.in/NUIS>

About this result | Feedback

[National Urban Information System \(NUIS\) | National Remote Sensing ...](https://nrsc.gov.in/NUIS)
<https://nrsc.gov.in/NUIS>

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header.png | Show all

Windows taskbar: MMRDA for Tokyo ... | GC for Tokyo TDD-... | Desktop | national urban inf... | 6:36 AM

Key TakeAways

- a. Apex Geospatial Information Authority/Centre
 - Japan, Lithuania and Singapore examples
- b. Third party dispute resolution system
 - Croatia example
- c. Think big and start small
 - as approach

What needs to be accomplished

a. Mumbai Metropolitan Region to be pilot area

- Dedicated agency and finance available
- Demonstration of result at regional level

c. Outcomes :

- Improved Land Administration
- Improved Disaster Management
- Integrated Utility Mapping
- Well Informed Land Use Planning
- Monitoring Spatial Development Trends
- Easy transactions, planning permissions
- Can reduce corruption and fraud

Actions to be undertaken – Phase 1

- a. Creation of a new institution at MMR level for integration, co-ordination of Geo-spatial data as well as generation and dissemination of relevant geospatial data.
- b. New entity **R A D A R** being planned
Regional Agency for Data and Research
- a. Inventorising existing digitally available relevant Geo spatial data
- b. Standardisation and Protocol setting
- c. Obtaining financial support
- d. Aim setting and Role identification
- e. Training and skill upgradation
- f. Creation of Infrastructure

Actions to be undertaken – Phase 2

- a. Update And verify Geospatial data
- b. Partial utilisation of data generated as per protocols

Actions to be undertaken – Phase 3

- a. Upscaling to State level
- b. Putting required legal instruments in place
- c. Integrating other citizen services
- d. Utilisation of data for intended purposes

Barriers and Challenges

Data

1. Availability of data in usable form
2. Many cadaster maps around
3. Fast tracking of updating land records

Inter-Department/Agency Coordination

3. Integrating with the ongoing national program on land records updating to avoid duplication
4. Getting all concerned agencies on board to participate

Resources

5. Resource availability (manpower and infrastructure)
6. Budget (for establishment and operation and maintenance).

Support from WB/TDLC/TTLs

By facilitating sharing of international experience

- a. System Design – technical support
- b. Setting Protocols
- c. Before, during and before finalising the system design

Thank you