

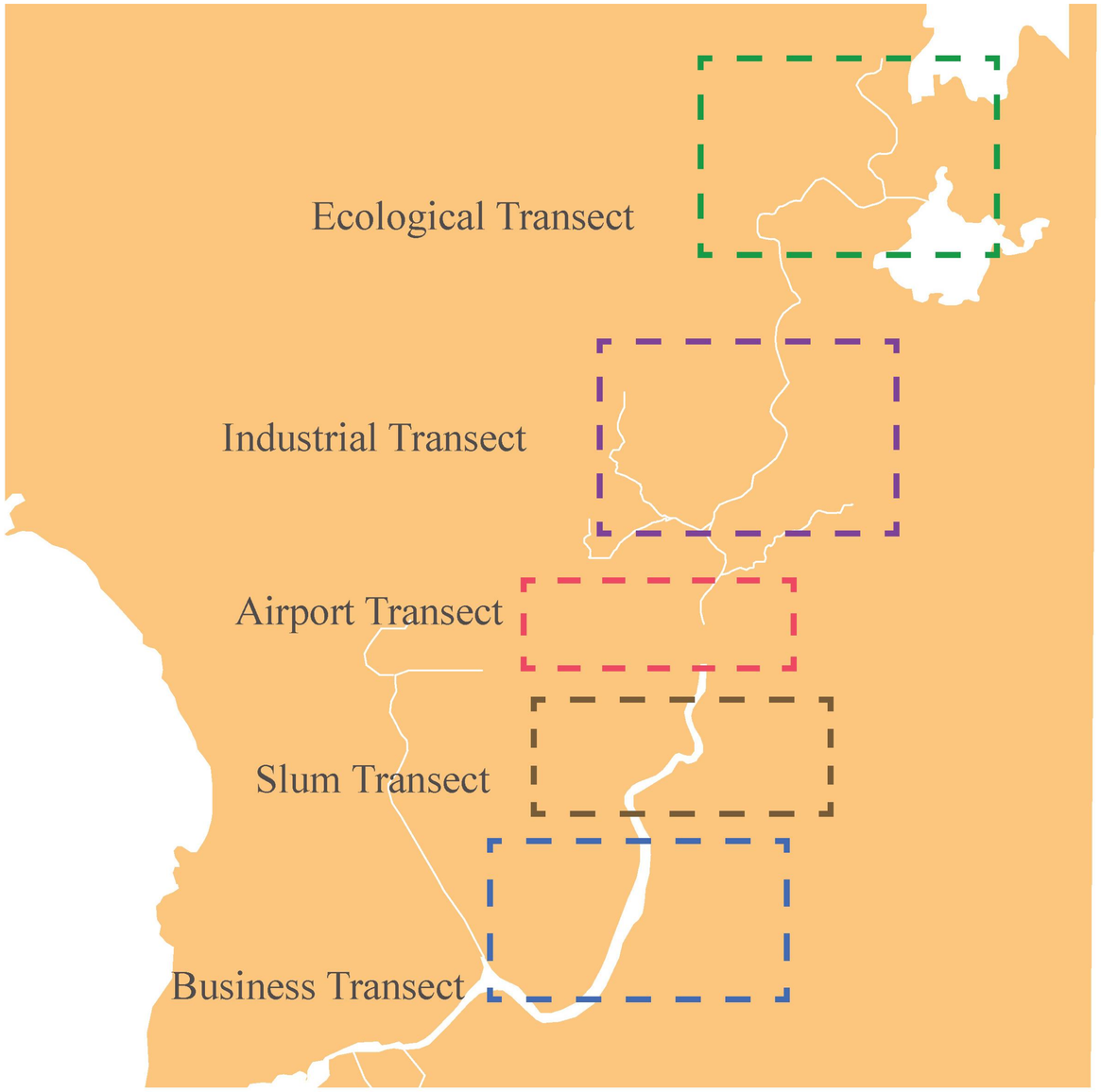


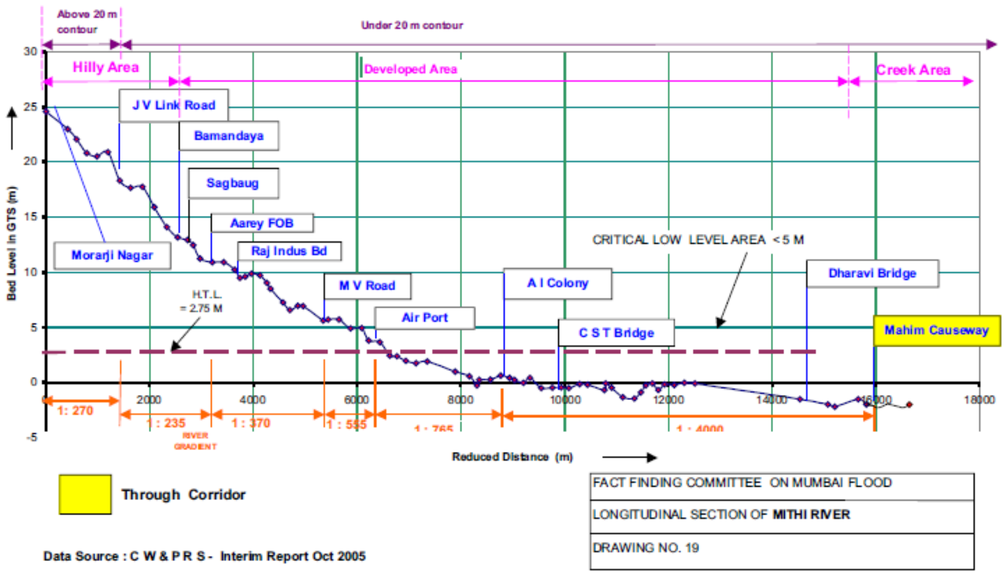
Urban River

MITHI ?

GOVERNANCE OF AN URBAN RIVER

Practical Agenda





Variations – social, geographical and economic

URBAN INTERFACE

Different urban form and land uses through which the River passes

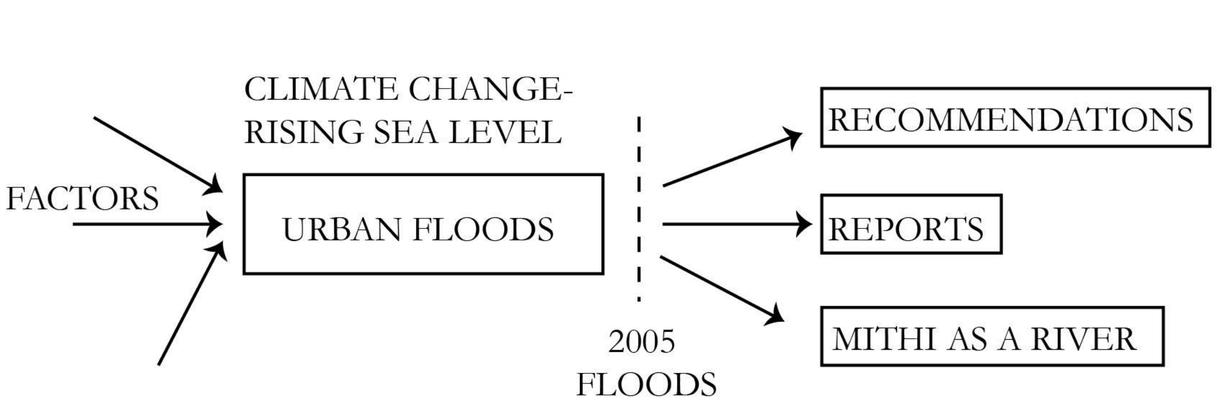
MITHI RIVER NALLAH

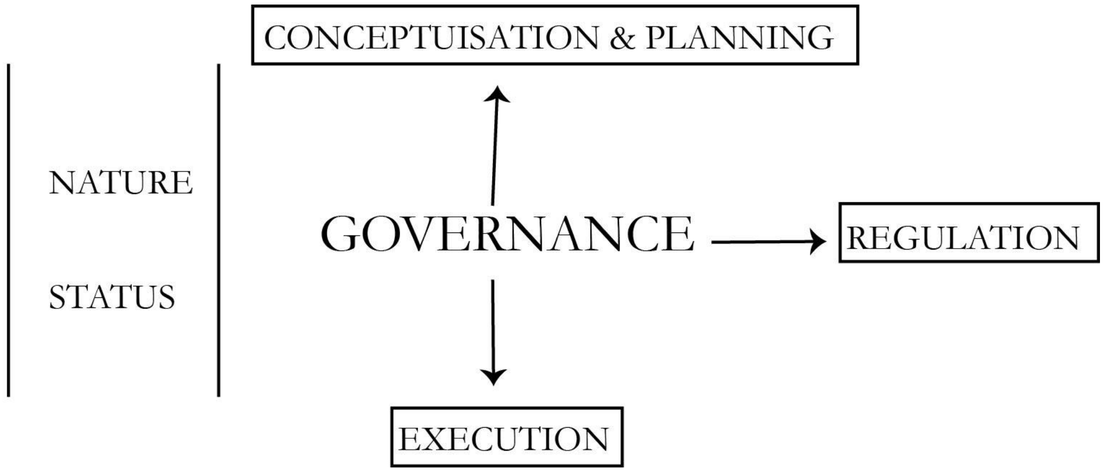
For much of its run, Mithi River is a glorified sewer serving small workshops, slums, housing developments, and a business centre.



River as a production

EVOLUTION OF RESEARCH





RESEARCH QUESTIONS

Governance of Mithi River

How is Mithi River perceived in relation to the urban floods which have occurred in the city at various points in time?

What are the roles different institutions and agencies play around governance of the river? What are the different instruments and mechanisms of governing the River?

What is the nature of the interventions proposed to revive the river? What is the status of these at the present and reasons for the same? What are the different discourses emerging from these documents?

METHODOLOGY

Operationalising the Research

Theoretical Framework–

Urban Political Ecology

Narrative Research –

Stakeholders and their perspectives vis-à-vis the actions taken ground

Grounded Theory Approach –

To transcend existing literature and narratives that exist to develop new theory about the phenomenon theory backed by evidences

Research Tools –

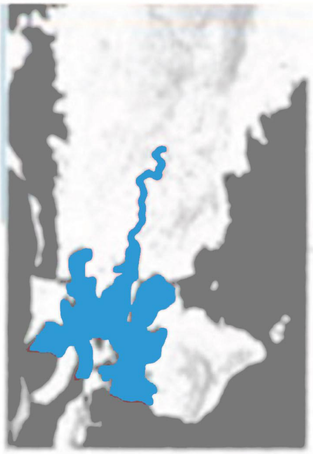
Stakeholder Analysis

Spatial Analysis

Thematic or Descriptive Analysis

City & River

MORPHOLOGY



1700



1750



1803 Sion Causeway



1827 Plan of the islands of Mumbai & Salsette



1845 Mahim Causeway



1858 Vihar Reservoir



1879 Tulsi Reservoir



1890 Powai Lake



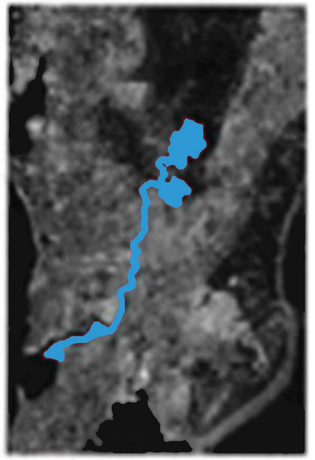
1925 Landfill



1969 Landfill

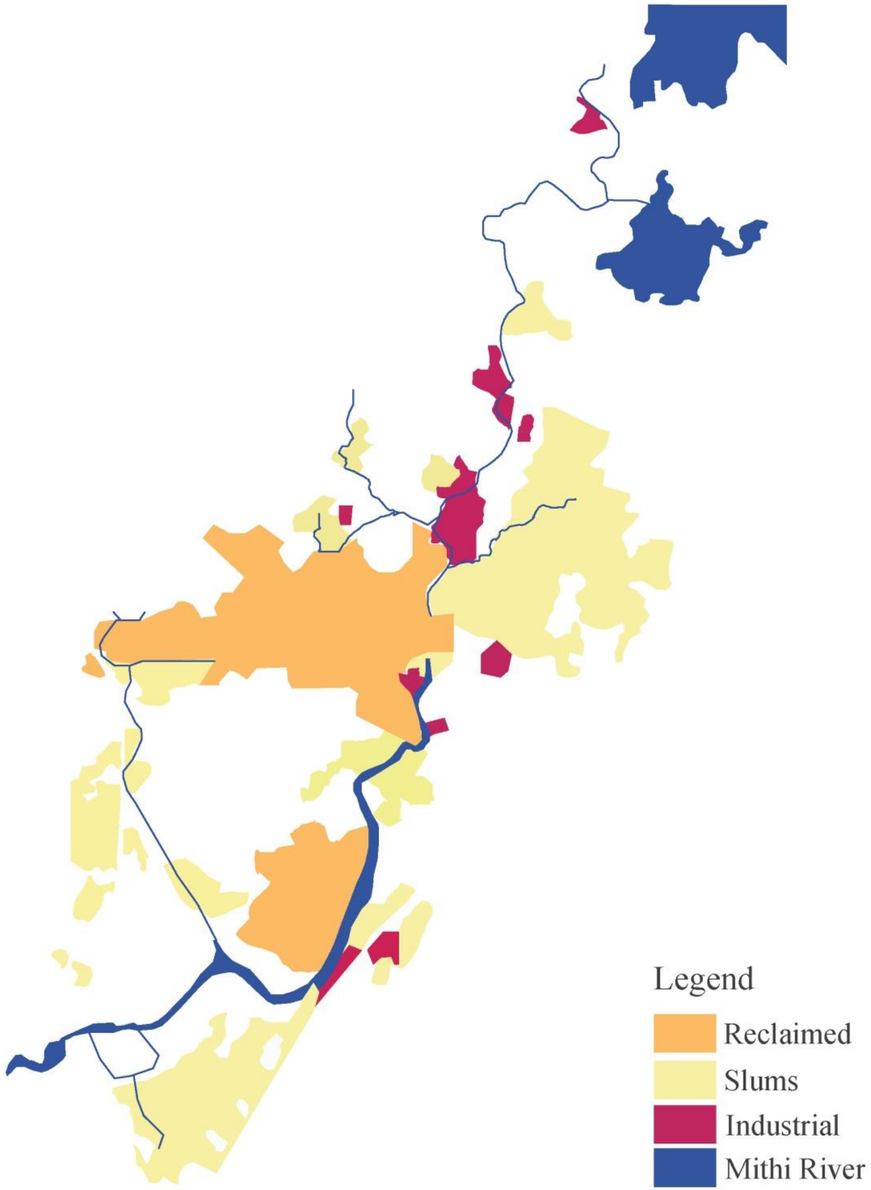


2000 Landfill



2000s Mithi Terrain

ASPECTS IDENTIFIED AS CAUSE OF FLOODS OF 2005



City & River

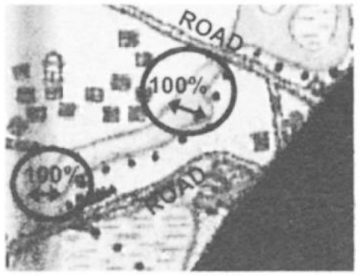
MORPHOLOGY



CITY MAP: 1966



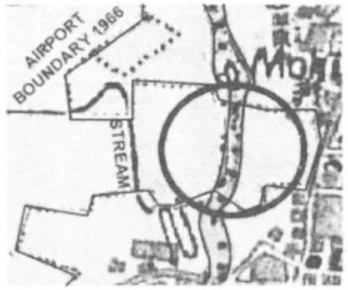
CARTOSAT-1:2005



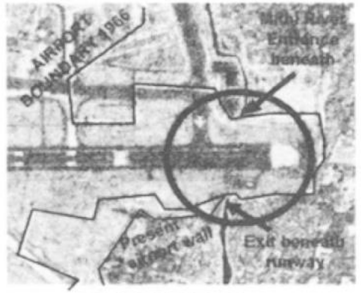
CITY MAP: 1966



CARTOSAT-1:2005



CITY MAP: 1966

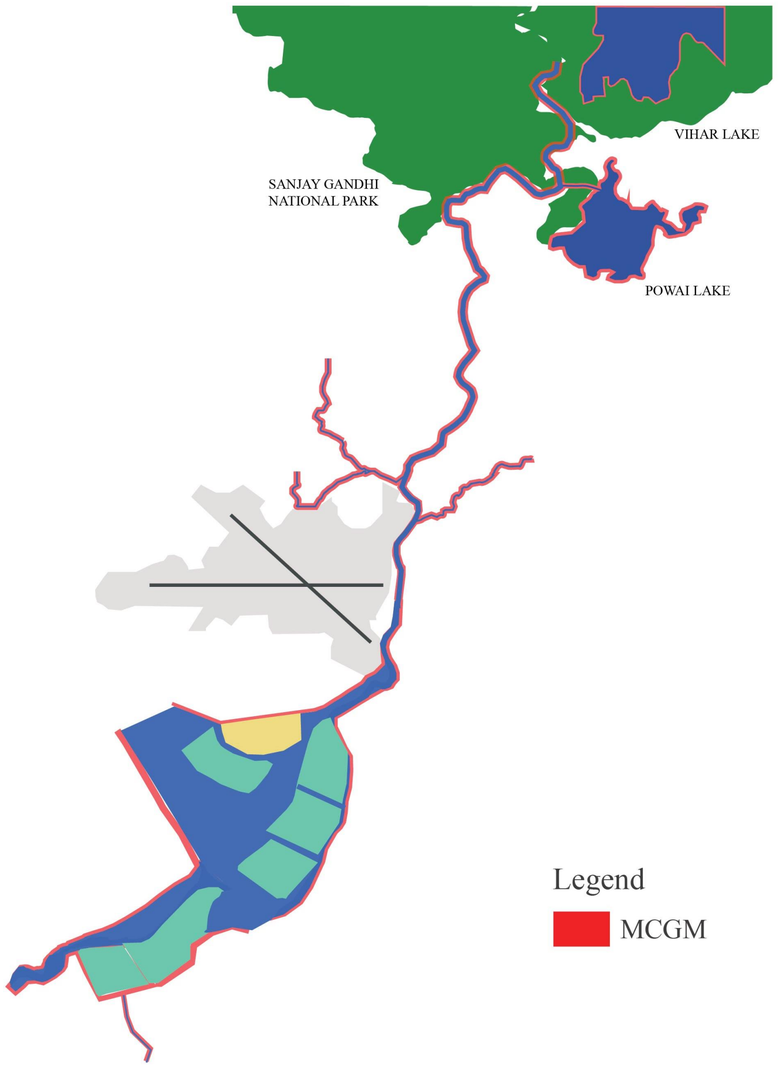


CARTOSAT-1:2005

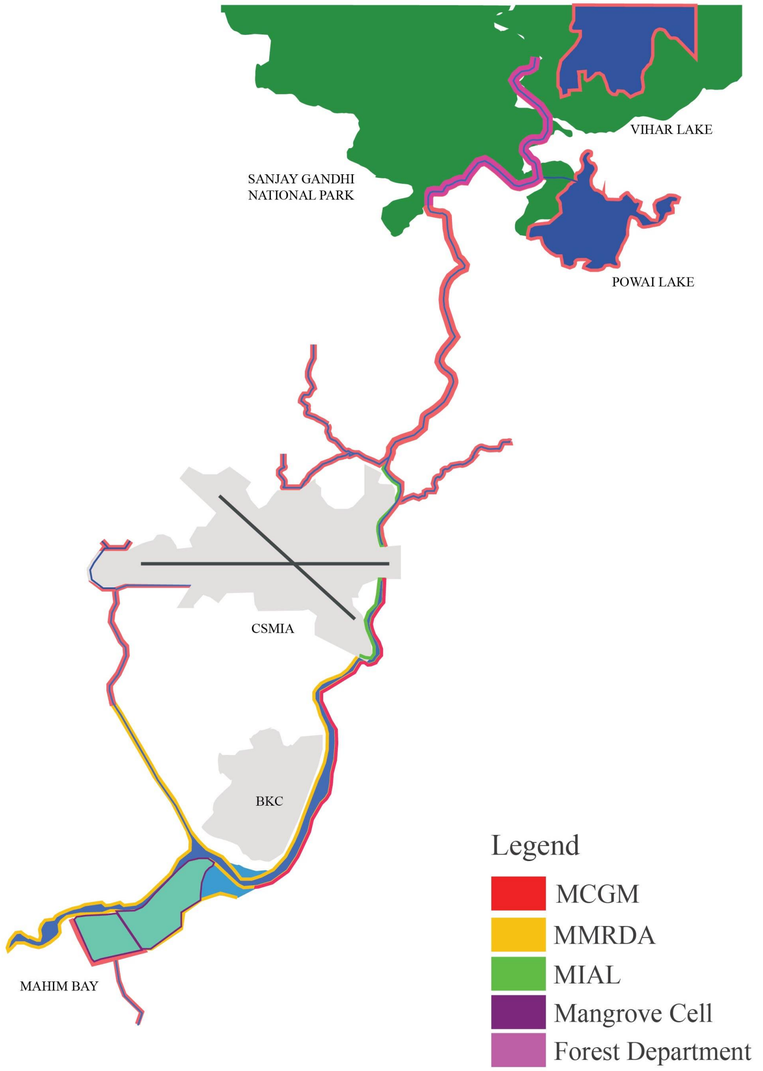
Spatial delineation

GOVERNANCE LANDSCAPE

GOVERNANCE LANDSCAPE - 1960

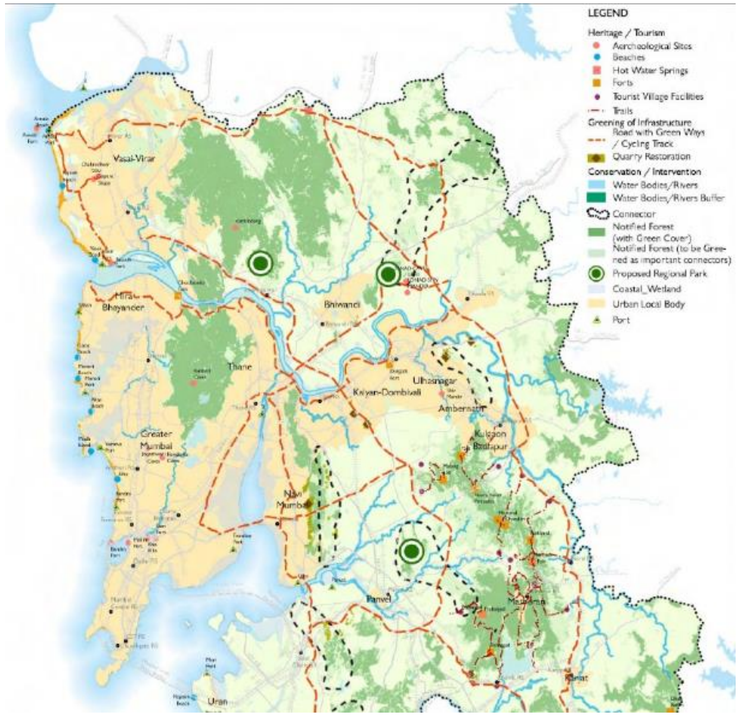


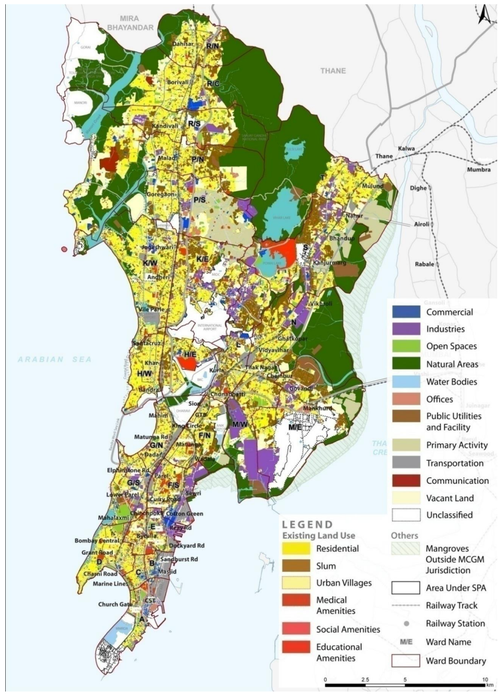
GOVERNANCE LANDSCAPE - POST 2005

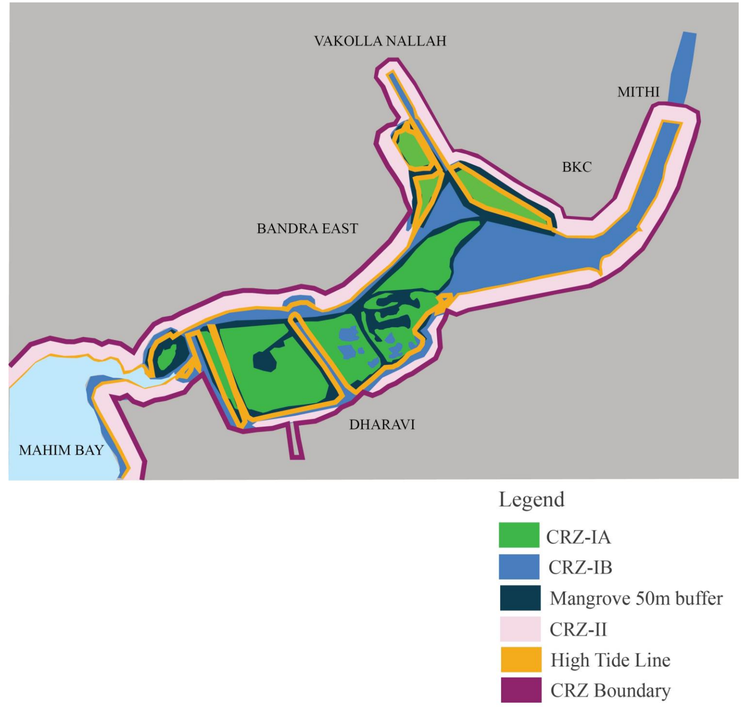


Limitations & Constraints

INSTRUMENTS FOR GOVERNANCE







REGIONAL PLAN

Scale that only recently is attempting to connect the Blues and Greens in MMR

DEVELOPMENT PLAN

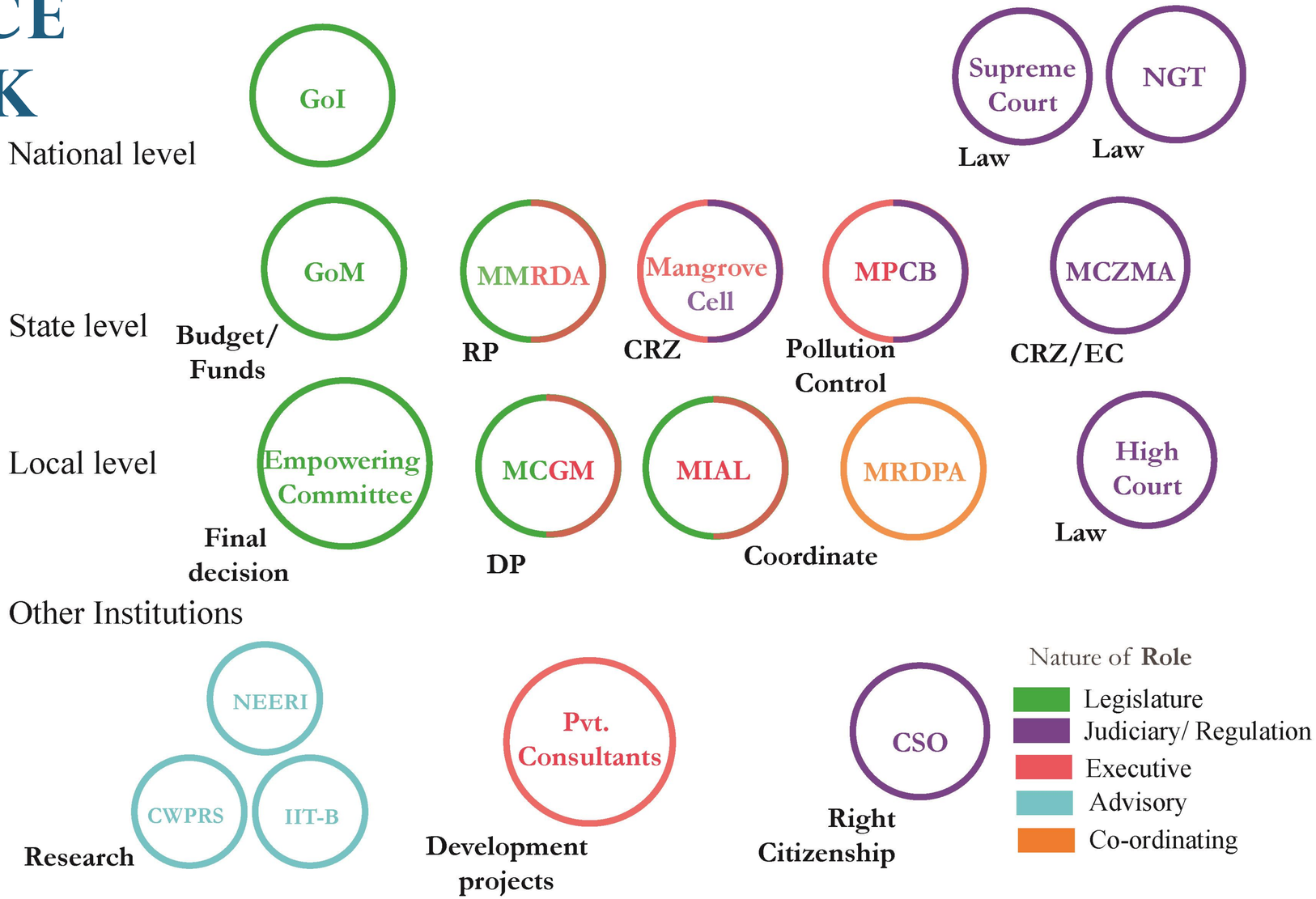
2-D Spatial maps which don't associate with the interactions of the River with its edge

COASTAL ZONE MANAGEMENT PLAN

Regulation which is stringent but fails to materialise on ground

Hierarchy & roles

GOVERNANCE FRAMEWORK



Multiplicity with powerless Co-ordinator

Re-mediating or Mediating ?

POLLUTION



Main concern

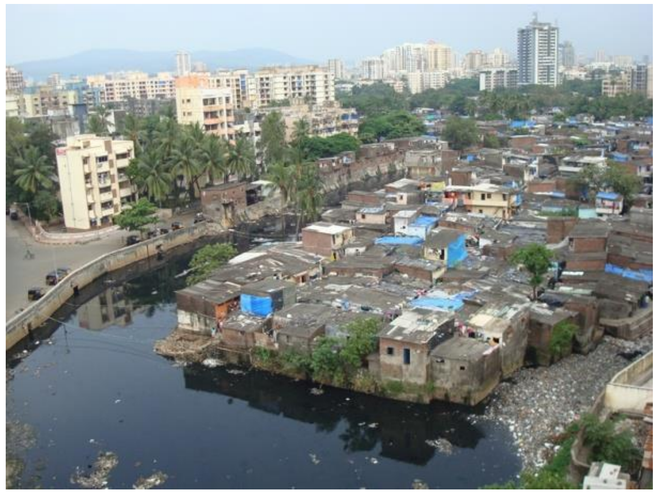
Illegal settlements seen as the main cause

MSDP – I & II

Sewerage Network on both sides

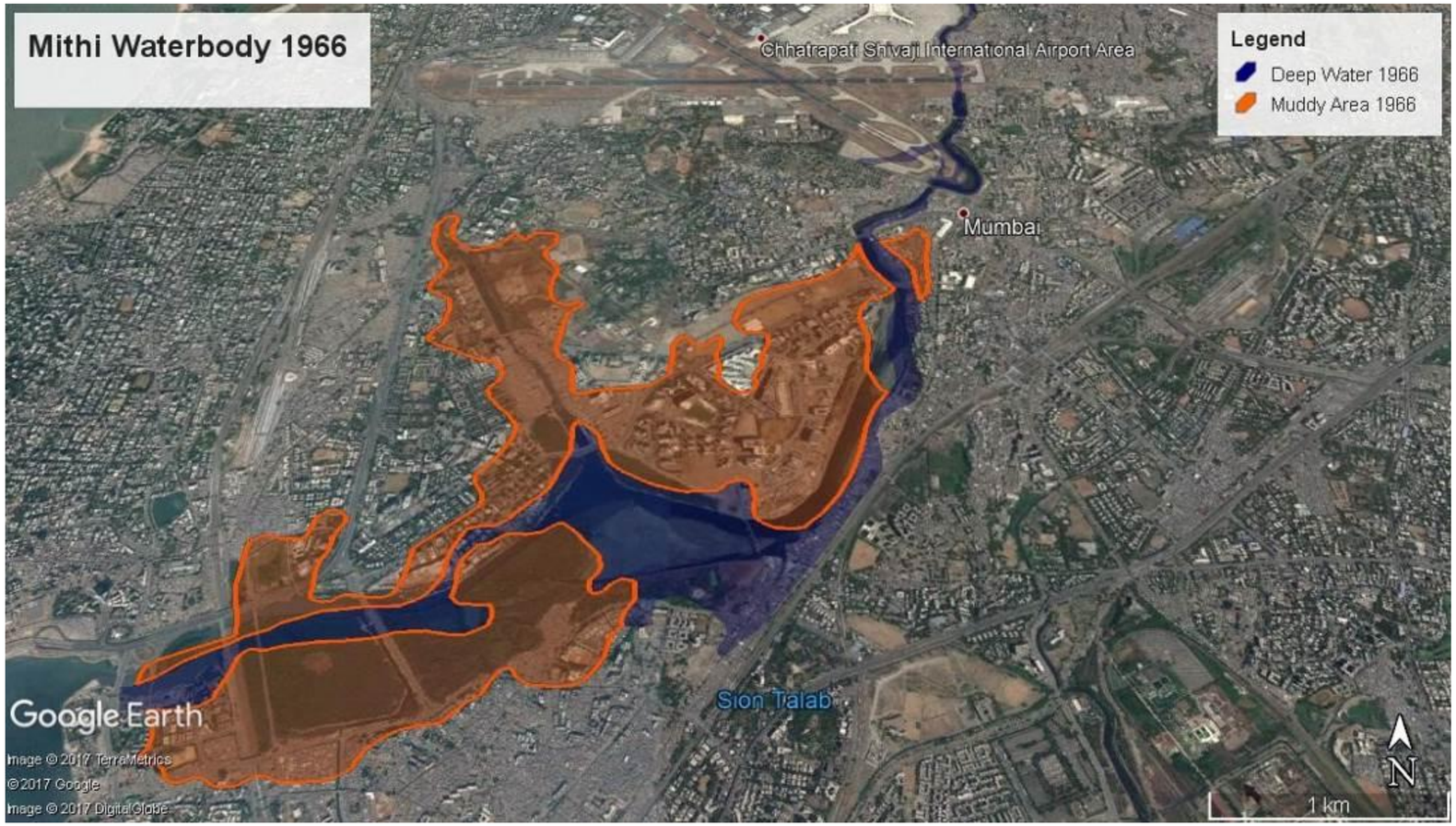
STP’s proposed – none implemented

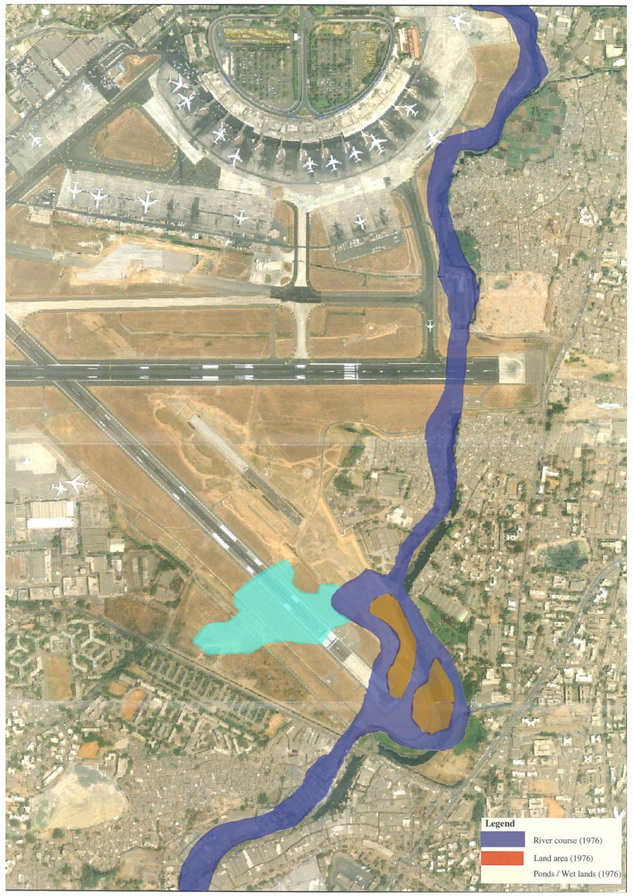




Selective Identification

ENTITLING ENCROACHMENT





Aspects Considered

RIVER'S REJUVENATION

River's edge

Function of the River in the specific stretch



Canalising the River

RETAINING WALL

Walls seen as flood mitigation measure

Different sections of the River have different forms of walls

Idolising Sabarmati Riverfront for River’s Improvement



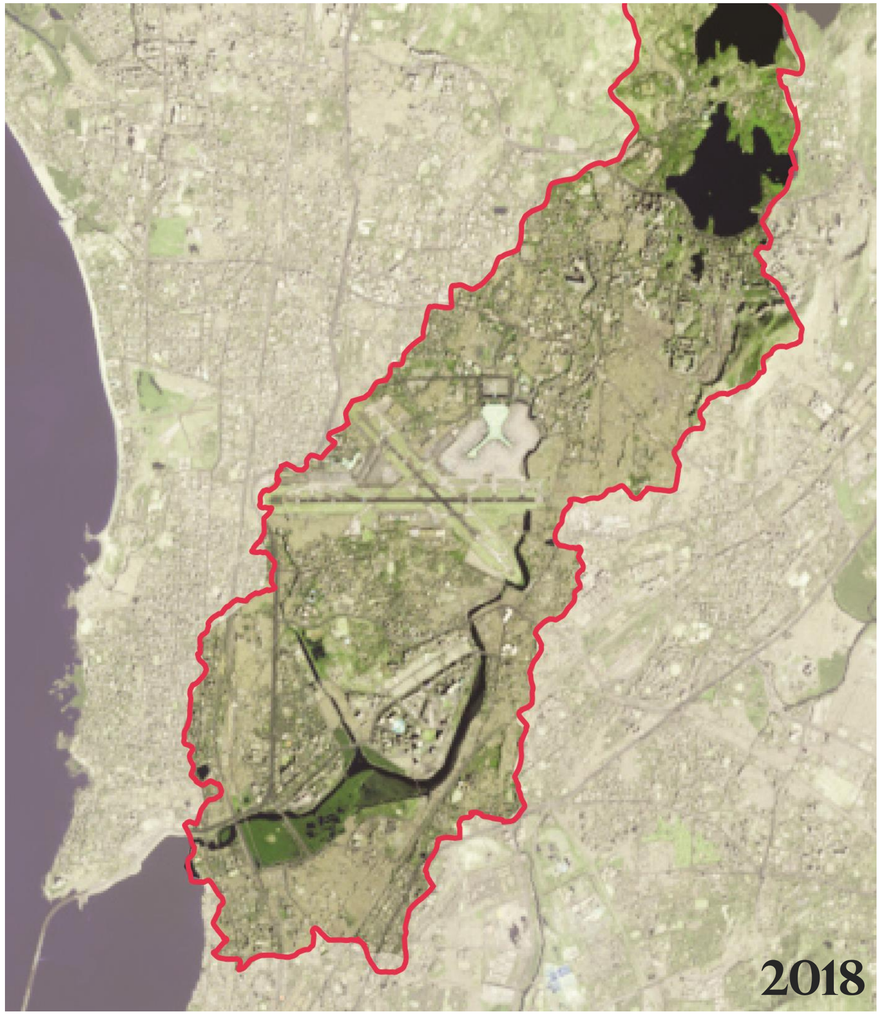




Increased?

MANGROVE COVER





Hindrances for Mithi

DEVELOPMENT PROJECTS GO ON

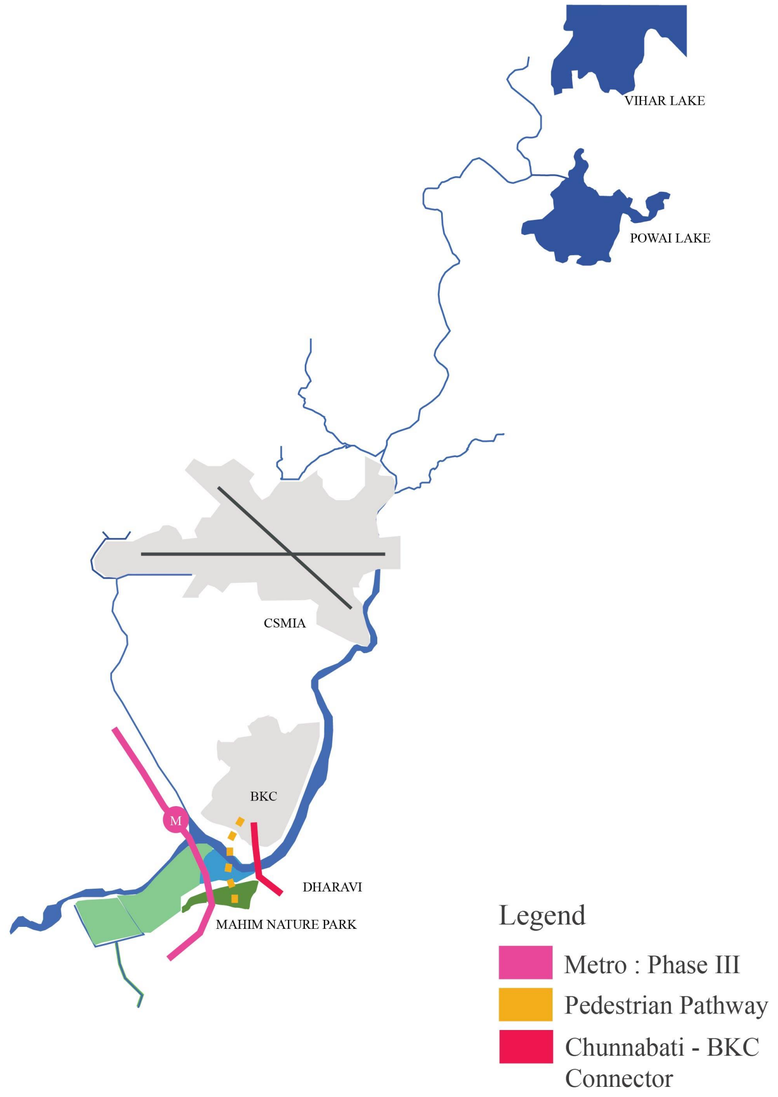








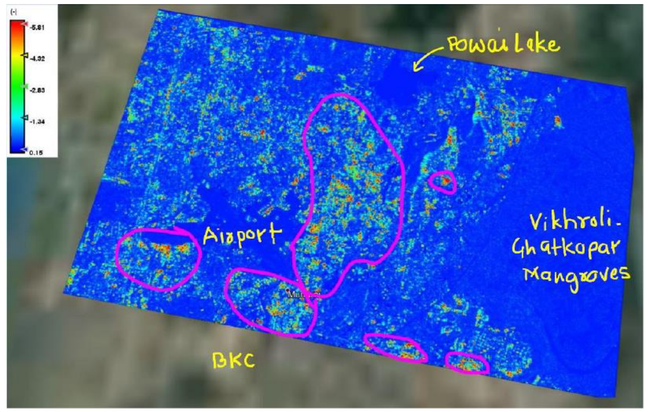
PROPOSED DEVELOPMENT PROJECTS



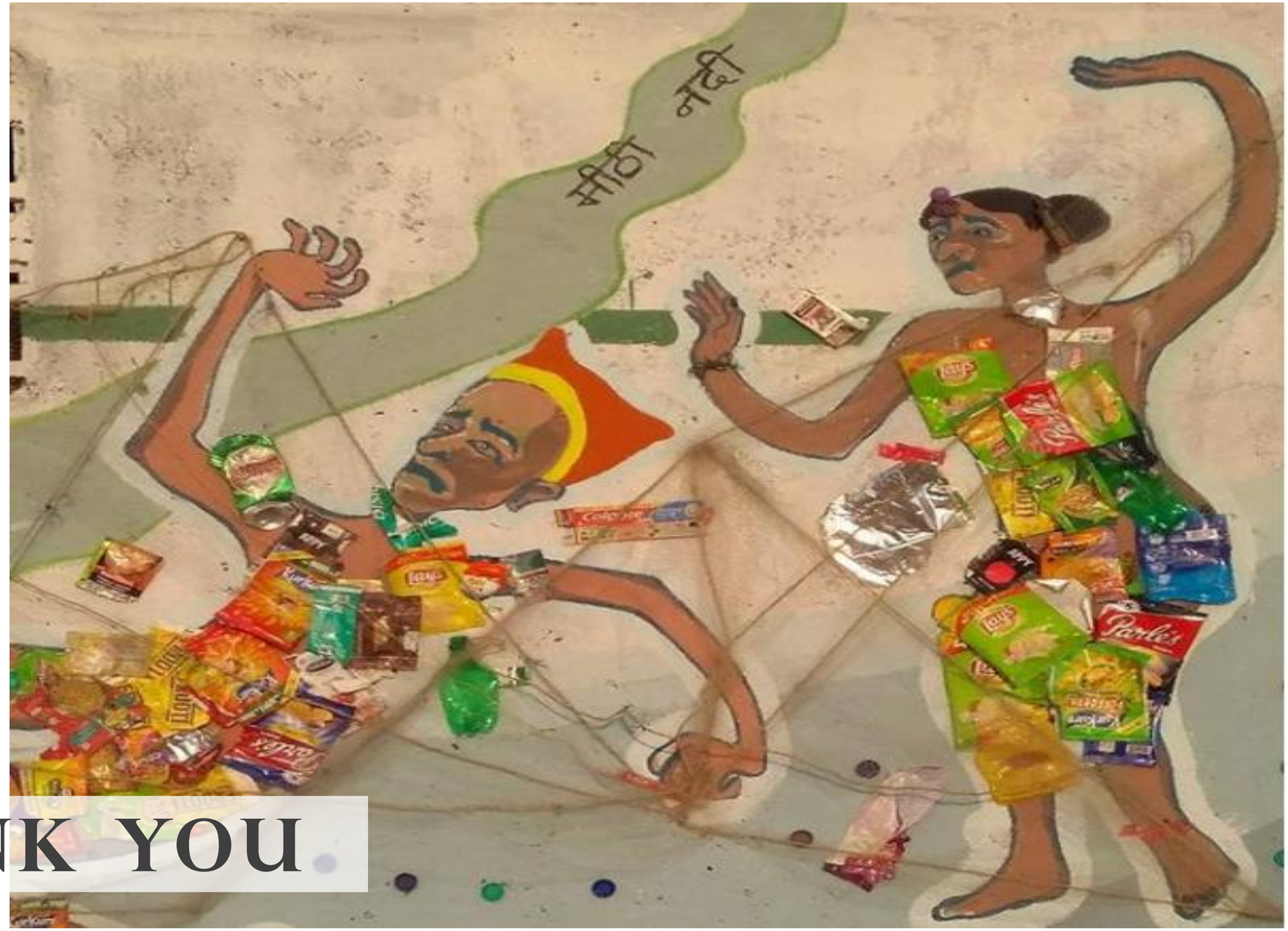
Hindrances for Mithi

GROUND REALITIES









THANK YOU