









Sponsored Thesis Project Competition on "Re-imagining Urban Rivers"

INTEGRATING RIVERS IN THE CITY PLANNING **PROCESS**

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Planning

VISION

Integrating Urban River Management with the City's Master Plan by designing a Policy based initiative to Plan and Manage Urban Rivers within the ambit of the City's Master Planning process.

BACKGROUND

- Cuttack is the former capital and second biggest city in the Indian state of Odisha. It is Odisha's commercial hub, with many trading and business establishments in and around the city.
- The city's historic and most significant section is situated on a strip of land between the Kathajodi and Mahanadi rivers. The city is traversed by four rivers, including the Mahanadi and its tributaries Kathajodi, Kuakhai, and Birupa.

OBJECTIVES



To enliven the waterfront with a range of attractive uses



improve To governmental regulation, coordination and oversight of the riverfront



To expand public access to riverfronts and revive the people -river connect

KEY ISSUES

Congestion



Deterioration Of Rivers



Lost People River Connect



Illegal Sand Mining

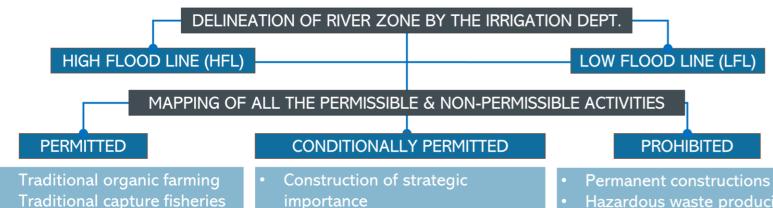


Lack of **Enforcement**

DIMENSIONS OF RIVER



PROPOSAL 1. ZONING REGULATIONS



- Traditional grazing
- Groundwater withdrawal by hand pumps
- Discharge of domestic wastewaters after treatment
- Purely temporary structure
- importance

existing road/bridges

- Construction of sewage or effluent treatment plants (<5MLD)
- Temporary constructions in case of emergency Repair and maintenance of
- Hazardous waste producing industries/Chemical factories
- Land reclamation
- Dumping of solid wastes / creation of landfills
- Withdrawal

PROPOSAL 3. ENHANCING THE PEOPLE-RIVER CONNECT

Diversion of water

PROPOSAL 2. RIVER **MANAGEMENT & GOVERNANCE**

To scale up citizen involvement in river management activities

To identify resources for project implementation, management and funding

To establish a wholesome multi-disciplinary and intersectoral framework for river management in a city

Localizing Policies & Sectoral Strategies

Assigning Land Use Categories

Dev. Control Regulations

Taking up Special Projects

DELINEATION OF A NO DEVELOPMENT ZONE (NDZ) ON EITHER BANK FROM EACH RIVER (No less than the active flood plain of the river)

design develop a riverfront catering to the needs of the citizens in a sustainable manner

To make the riverfront accessible public the a stronger create economic value for the river



