



# Tapti Basin Mega Recharge Project

## Why in News?

In a significant step towards ensuring **regional water security**, the **governments of Madhya Pradesh and Maharashtra** signed a **Memorandum of Understanding (MoU)** to jointly implement the [Tapti Basin Mega Recharge Project](#).

## Key Points

### ▪ About the Project:

- The MoU was signed after the first Madhya Pradesh–Maharashtra Inter-State Control Board meeting in 25 years, marking a joint commitment to **sustainably manage inter-State river resources**.
- **Objective:** The project seeks to address the drinking and irrigation water needs of key regions in both States.
  - The project plans to **divert water from the Tapti River** (originating in Betul, MP and called Tapi in Maharashtra) to:
    - Serve Nagpur and northeastern **Maharashtra for drinking water**.
    - Support **irrigation in southern and southeastern Madhya Pradesh**, including Burhanpur and Khandwa districts.
  - The project will use 3,362 hectares in **Madhya Pradesh without displacing villages or requiring rehabilitation**.
- **Irrigation and Land Coverage Targets:** The project aims to provide permanent irrigation for:
  - 1,23,082 hectares of Burhanpur and Khandwa district of Madhya Pradesh
  - 2,34,706 hectares of Jalgaon, Akola, Buldhana, Amravati and Nagpur division in Maharashtra.

**MPSC Prelims Course**  
Mode: Online | Medium: Marathi and English (Bilingual mode)

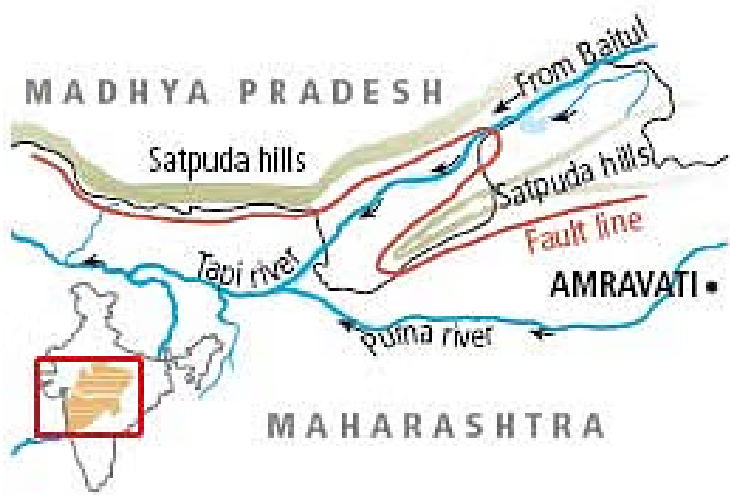
**Admissions Open**

- Course Validity **1 year** from the date of commencement of the batch
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- **Other Water Sharing Initiatives of MP:** This project marks the third major inter-State water project by Madhya Pradesh within a year, after:
  - [Ken-Betwa link](#) with Uttar Pradesh.

- [Parvati-Kalisindh-Chambal link](#) with Rajasthan.

## Tapi River



- **About:** The Tapi River is one of the **only three major rivers in India that flow westward**, the other two being the [Narmada](#) and the [Mahi rivers](#).
  - **The Narmada and Tapi rivers** are the major rivers that **flow through rift valleys**.
  - **Origin:** Gawilgarh Hills, part of the central [Deccan Plateau](#) in south-central Madhya Pradesh.
- **States Covered:**
  - It covers a total basin area of 65,145 sq.km, which is nearly 2% of India's total geographical area.
  - The river flows through three Indian states:
    - **Maharashtra** – 51,504 sq.km. of basin area
    - **Madhya Pradesh** – 9,804 sq.km.
    - **Gujarat** – 3,837 [sq.km](#).
- **Geographical Boundaries of the Basin:**
  - **North** – Bounded by the [Satpura Range](#)
  - **East** – By the [Mahadev Hills](#)
  - **South** – By the [Ajanta Range](#) and [Satmala Hills](#)
  - **West** – Opens into the [Arabian Sea](#)
- **Major Tributaries:** The Tapi River's three main tributaries—Purna, Girna, and Panjhra, all originating from the south in Maharashtra.
- **Hydroelectric Infrastructure:**
  - The [Ukai Dam](#) is a major hydroelectric project built on the Tapi River.
  - It plays a key role in irrigation, power generation, and water supply for the surrounding regions.