



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)

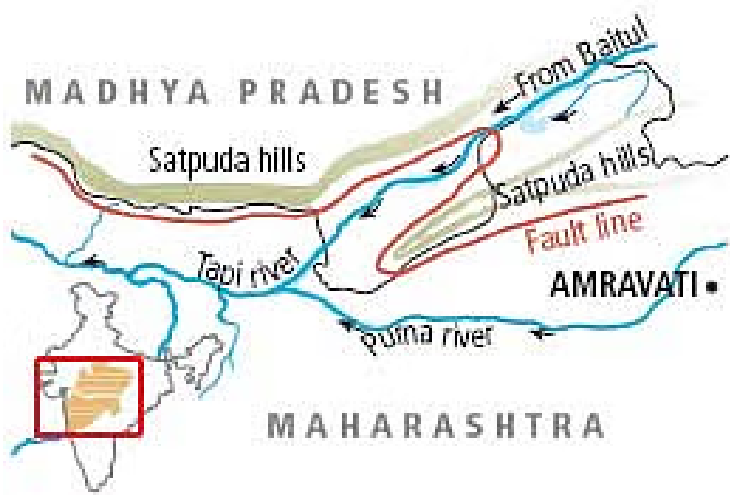
Admissions Open

- Course Validity **1 year** from the date of commencement of the batch
- Free access to **10 Mock Tests**
Online mode via Drishti Learning App
- Facility to watch Each class an **Unlimited number of times**.

- **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.