



24 April 2024

Telangana State Regional News

<p>Under-construction bridge on Manair river in Telangana collapses</p>	<p>Context:</p> <ul style="list-style-type: none"> An under-construction bridge over the Manair river in Telangana collapsed due to the collapse of cement gutters and slabs at Odedu in Muttaram mandal on Monday night. The bridge, which began construction in 2016, connects Odedu of Peddapalli district and Garmillapalli of Tekumatla mandal in Jayashankar Bhupalpally district. <p>Manair river:</p> <ul style="list-style-type: none"> The Maneru River, also known as Manair or Maner, is a tributary of the Godavari River in India. Primarily flowing through the states of Maharashtra and Telangana, the river provides essential water resources for various purposes. It serves as a water source for the city of Karimnagar.
<p>Telangana's Efforts to Curb Sewage Flow into Musi River</p>	<p>Context:</p> <ul style="list-style-type: none"> The Union government, under AMRUT 2.0, has approved the construction of 39 Sewerage Treatment Plants (STPs) in Telangana to prevent pollution of the Musi river. This project is part of the Musi Riverfront Development Project (MRDP). <p>Key points:</p> <ul style="list-style-type: none"> The project is estimated to cost Rs 3,849.10 crore, with the central government providing assistance of around Rs 645 crore. The state government will contribute Rs 896.90 crore, and another Rs 1027.90 crore will be invested through PPP/HAM models. The 39 STPs will be constructed at a cost of Rs 2,569.87 crore, with an additional Rs 1,279.29 crore allocated for Operation and Maintenance (O&M). PPP and HAM Models: One STP in the Greater Hyderabad Municipal Corporation (GHMC) limits will be built under Public Private Partnership (PPP), while the rest will be constructed under the Hybrid Annuity Model (HAM). Funding Distribution: For the PPP project, funding will be 30% from the Union government, 30% from the state government, and 40% from private investment. For the HAM project, the funding will be 25% from the Centre, 35% from the state government, and 40% from private investment.

**AMRUT 2.0:**

- The **Ministry of Housing and Urban Affairs (MoHUA)** spearheads the **AMRUT 2.0** scheme, an extension of the 2015 AMRUT mission.
- This initiative strives to **ensure universal access to water supply and sewerage connections in urban households.**

Key Points:

- **Scheme Overview:** **AMRUT 2.0** focuses on water supply coverage for all households in around 4,700 Urban Local Bodies (ULBs) and promotes Atmanirbhar Bharat through public-private partnerships.
- **Mission Objectives:**
 - AMRUT 2.0 aims to provide 100% sewerage and septage coverage in 500 AMRUT cities, encourage water recycling and reuse, and protect freshwater bodies.
 - It also seeks to **make natural resources sustainable, with targets to meet 20% of cities' total water needs and 40% of industrial demand through treated wastewater reuse.**
- **Pey Jal Survekshan:** Under AMRUT 2.0, this survey will assess equitable water distribution, wastewater reuse, and map water bodies in cities.

Musi River

- Located in Telangana, it is a **tributary of the Krishna River, flowing through the Deccan Plateau.**
- Formerly known as **Muchukunda River**, it runs through Hyderabad, dividing the old and new parts of the city.

Course:

- Originates in **Anantagiri Hills near Vicarabad, Rangareddi district**, 90 kilometers west of Hyderabad.
- Flows approximately 240 kilometers, meeting the Krishna River near Wazirabad in Nalgonda district.

Dams:

- **Himayat Sagar and Osman Sagar are two dams constructed over the Musi River.**

Bridges:

- Several historical bridges span the river, including Purana Pul (Old Bridge) from the time of the Nizams of Hyderabad.
- Other bridges are located in Dabirpura, Amberpet Chaderghat, and Uppal Kalan.

Historical Flood:

- On September 28, 1908, Musi River caused severe flooding in Hyderabad.



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Environmental Concerns:

- Due to unplanned urbanization, the river has become a dumping ground for untreated household and industrial waste from Hyderabad.



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