

## **Water Management in Cities - Bengaluru and Cauvery**

### **What is the issue?**

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- The recent SC verdict in Cauvery dispute made an additional allocation for Bengaluru, than in the earlier tribunal's order.

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- Click [here](#) to know more on the verdict

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- The principles adopted raises some serious questions on water management approach in the cities.

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### **What was the tribunals approach?**

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- The SC mentioned that the tribunal had miscalculated Bengaluru's water needs.

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- The tribunal argued that only 1/3rd of the city fell within the Cauvery basin, and so, only 1/3rd water demand would be met from the river.

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- Tribunal had also assumed that 50% of the drinking water requirements would be met by ground water.

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- However, increasing urbanisation and population has been depleting and contaminating groundwater, making it unusable.

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### **What was the SC's verdict?**

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- The SC had ruled out the above principles and modified the directions of the

Cauvery Water Disputes Tribunal.

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- It pointed out that the share of water for a basin State is for addressing the social and economic needs of its community as a whole.
- The SC has overturned the one-third argument, saying that cities like Bengaluru deserve more water regardless of their location.
- As it is the seat of intellectual excellence, especially in terms of information technology and commercial flourish.
- The SC also dismissed the groundwater principle of the tribunal.
- Therefore, it has, in effect, agreed that cities have the “right” to trans-boundary water supply.
- The verdict thus offered an additional entitlement of 4.75 tmcft for the Bengaluru city.

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### **What are the shortfalls in the verdict?**

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- **Groundwater** - The tribunal's idea was that groundwater could be replenished through natural recharge, stream flow and through lakes and reservoirs.
- The SC's verdict, dismissing this principle, is of a serious concern.
- Lakes were the sponges of the city, which would recharge groundwater and allow it to build on its rainwater endowment.
- But Bengaluru is a classic case of a city that is deliberately and wilfully destroying its lakes.
- The SC verdict has increasingly made Bengaluru less dependent on groundwater for its water supply.
- This could further contribute to the careless management of the water reservoirs.
- **Drinking Water** - The SC has also said that drinking water would get the

highest priority in terms of allocation.

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- In the west, people have moved away from agriculture and indeed away from rural to urban; water is used in cities and industries.

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- But in countries like India, a vast number of people still get their employment from agriculture and so water is used in rural areas.

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- Prioritising drinking water, above the demand of water by agriculture and food, amounts to a flawed approach.

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### **What should be done?**

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- The economics of water and waste are crucial in cities of the global South.

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- The city should have been first made to use its own local water sources.

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- It should have then been made to meet the deficit from the imported and transported Cauvery water.

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- But the irony is that, increasingly depending on transported water is already making water so costly.

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- This is making more and more people switching to groundwater and overusing this source.

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- At this juncture, it is crucial that Bengaluru focuses on its water storages to improve the ground water source.

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- Only this could prove to be more sustainable than the additional allocation.

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- Another concern is that nearly 80% of the water that is demanded and supplied to Bengaluru is discharged in terms of waste.

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- The city has to plan now deliberately to take back this sewage water and to treat it, clean it and reuse it.

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**Source: Business Standard**

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