

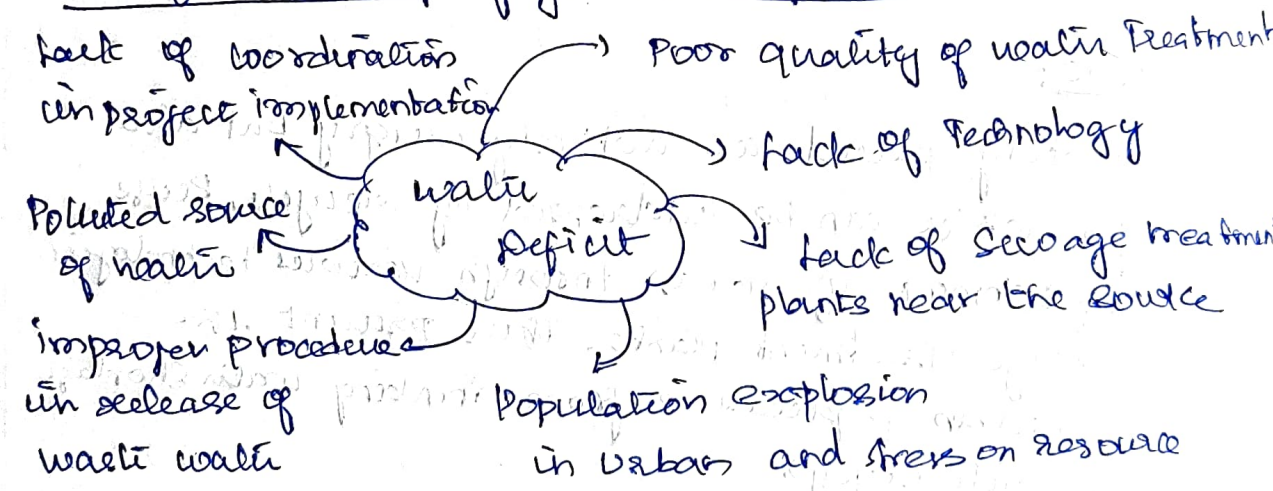
13/5/22

1. Waste water has greater potential to address water shortage and bring solution to India's water crisis.

Water as Tussel:

India is the country which extracts the larger ground water (World Bank report) but still supplies more than 70% of the contaminated water (Niti aayog) and around 600 million people of Nation experience extreme water shortage.

Reason for shortage of good quality water:



Potential address for shortage:

- waste water treated to use in Gardens, washing the cars, crop production, Paving and construction sites etc;
- subsidised water with high quality can attract the consumer.
- Recharging of ground water with the portable water resource
- Development of artificial wetlands and ponds reduces the stress of Ecology.

→ Technology Implementation and Entrepreneurial Skill Sustainably develop the environment as well as the Economy.

Ex: Fish pond/farming with subsidized freshly treated water curtail the ground water exploitation as well as change the mind set of untreated discharges.

c) Reuse of waste water is also cultural practice of India, thus cherishing the cultural value of Nation

→ Potential opportunity for air conditioning & electricity generation

Conclusion:

'Remotely placed are not only thirsty but also Thirsty', which can be addressed by recycle, Reuse and replenishment of water through various technologies like Sewage Treatment plants. Thus prevent the 40% of Indian population from drinking water shortage in 2030 (miti aayog).