

2) The complicity & scale of water crisis in India, call for a specific response. Discuss.

Level of water usage:

In India ground water alone contributes to almost 90% of water consumption, storage & usage. when compared to usage of lakes, rivers or ocean water, which comparatively has lesser speculation when compared to need in ground water.

Water Usage Requirements:

(i) Ground water usage is widely propagated in all units & level in our population. Considering the population of India which amounts to 130 crores and almost by the recent trend where 48% of population has inclined towards their employment in Agriculture is the widely spread population in India which shows its majority. Requirement towards ground water.

(ii) Another major reason, in its necessity is the development and migration towards Urban Areas & Industries. Urban population had shown a considerable amount of expansion in a short term. Which lead to the problem of exploitation of ground water for human consumption.

(iii) Also migration issue had actually caused the real estate market to boom further which indirectly lead to the collapse of water table.

Eg. Cities like Chennai which completely depletes water resources by building & construction of landscapes above them. Thus making the groundwater to not percolate further to have good recharge.

In Rural Areas: Even though Agriculture requires huge amount of groundwater. Our cropping and cultivation pattern has completely led to exploitation and over usage of groundwater.

Eg. States like Punjab & Haryana which depends completely on groundwater for irrigation has left it fallow to a greater extent increasing its salinity.

More over Projects like water shed development program has not developed much to get attention of local level people in order to have sustainable level of Agriculture to have good water storage & recharge capacity.

Necessity: Above All various other water resources can be also be used with different technology for consumption and grey water management. Ex. Singapore completely uses 'Sea water' for its human consumption by means of Salinity processing technology in their country. Which leaves them to the level of Sustainability without any water sources.