

Wetland to avert water crisis

Indian cities like Jaipur and Indore has been listed into Risk Filter Report of WWF, which are going to face water crisis if steps are not taken.

Being one of top 30 water stressed country [Aqueduct water Atlas] Indian cities are facing both kind of water crisis.

① Drought - as seen in 2019 water shortage in Chennai and other part of Indian cities.

② Flooding - Periodic event in Mumbai, Delhi, Hyderabad etc.

while there are multiple reasons behind
the seen, Distraction of wetlands is the chief
reason among them.

According to WSA report, India
has lost one-third of its wetlands in four
decades. Its 21 cities are facing ground
water shortage and others suffer from ground
water pollution.

Thus wetland provide solution to
achieve

① water sponge - wetland act as storage
during excessive rain to mitigate flood.

② Recharge water table to reduce
drinking water shortage, also reduce
ground water pollution.

effect by cooling temperature
[Heat Island] cities -

This can reduce water in cooling devices.

(iv) Agricultural need of water can be met without exploiting ground water. Same is the case with industries.

Government has realised the importance and programme like — National wetland conservation programme by encompassing urban lake conservation and new wetland use with ecological manner and wise use is been promoted.

But, local body should be empowered in practical to take local steps to remove illegal encroachment, punish with fine, reduce pollution etc.