

# water sanitation

My project describes water sanitation in different locations and helps to check the minerals present in water in different locations.

Access to safe drinking water and good sanitation are vital for family well-being. It results in the control of enteric diseases and boosts child health

## Main purpose

Improved sanitation also helps the environment. Clean drinking water and good sanitation would not prevent infections without practicing good hygiene

## Existing problem

The situation contributed to nearly 100,000 diarrhoeal deaths of children under five years in India. ... Inadequate water, sanitation and hygiene (WASH) services in India's health facilities, contributes to the high neonatal mortality rate, which is currently 24 deaths per 1000 live births.

## Proposed solution

Waste to Water Solutions. Systems which recycle human waste and sewage to water are already operational. ...

Desalination. Approximately 99 percent of the water on earth is not drinkable. ...

Personal Filter Straws. ...

Harvesting Fog. ...

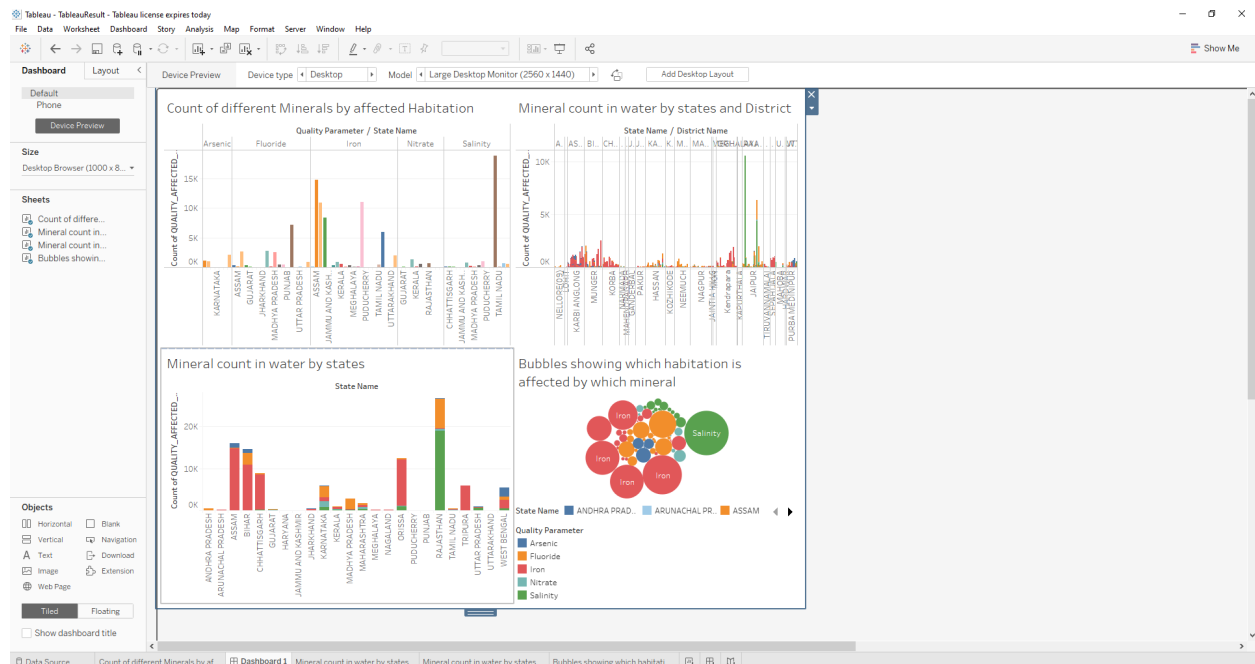
Harvesting water from thin air. ...

Bicycle Water Purifiers. ...

Solar Stills. ...

Rainwater Harvesting.

Measuring the number of minerals presents in the drinking water can be helpful in identifying the related diseases



## ADVANTAGES & DISADVANTAGES

### ADVANTAGES:

1. Protecting Your Family from Illnesses and Diseases. There are so many things we take for granted and our health is one of them. ...
2. Maintaining Their Mental Health. ...
3. Improving Their Self-Image and Self Confidence. ...
4. Improving Their Social Status. ...
5. Increasing Their Focus and Productivity. ...
6. Providing a Better Quality Of Life.

### DISADVANTAGES:

Contaminated water can transmit diseases such as diarrhea, cholera, dysentery, typhoid, and polio. Contaminated drinking water is estimated to cause 485 000 diarrhoeal deaths each year.

## CONCLUSION

Improved sanitation, safe drinking water supplies, and better hygiene behavior all affect well-being, livelihoods, and economic development. Strategic investments to improve environmental health could provide broad benefits reaching far beyond the water and sanitation sector.

## FUTURE SCOPE

Water Supply, Sanitation, and Hygiene (WASH) and COVID-19: Critical WASH Interventions for Effective COVID-19 Pandemic Response. World Bank, April 2020. Good and consistently applied WASH and waste management practices serve as essential barriers to human-to-human transmission of COVID-19 in communities, homes, health care facilities, schools, and other public spaces.