

7.) Problems in water resource management have 4 main problems.

- water scarcity → scarcity which is lack of adequate infrastructure. It will be more effect especially in areas where have pressure on neighboring in water resources.

Water can be sources by surface water (river, lakes) and groundwater (rock, soil)

- access to clean water

→ drinking water: not clean water may cause in human health, so improved drinking water is important

→ water stress: not clean water, environmental flow require importance to maintain health and resilience.

- water demand for energy: water is essential for improvement of energy at growing to alarming rate

- water quality: clean water is importance.

Unclean water might affect by chemical or bacteria which will cause by water pollution. This will affect problems of limited supply for drinking water.

2.) Sources of inefficient of lands can separated by 3 main parts

1.) market problems : poorly rights on market

- insecure property rights → not private to access into land. This should be more socially valuable by low valued could preside high valued uses by default.
way to fix → avoid problem of over selfishness on benefits)
- undervaluing environmental amenities → example of one perfect nice view in farm which other might enjoy by views (benefits) without pay to owner of land. However, the owner can use money to develop agriculture or selling land so they can gain money instead of spend their money by better beautiful views.
- Incompatible land uses : can be defined as an example of some large industry made pollution but they ignore to solve this problem
way to fix → making zone or making specific standard

2.) Public problems \rightarrow some tax that people pay for developing country might not access into developing in land or agriculture. Moreover, The owner of land have to pay tax for their land, but the tax that they pay to public cannot develop their land.

3.) Government failure \rightarrow government spent their role by steal some place such as other's building to build \rightarrow road or land or transportation.