

⑤

processes, resource conservation and R & D activities.

- (10) Publication :- Each industry should have a publication cell. This should highlight periodically the activities of industry ~~and~~ specially their achievements, quality of their products, nature of technology they use & their commitment to environmental compliance.

In India, the following are the environmental problems where priority action is needed.

- (1) Population stabilisation
- (2) Integrated Land use planning
- (3) Healthy cropland and grassland.
- (4) Woodland & revegetation of marginal lands.
- (5) Conservation of biological diversity
- (6) Control of water & air pollution
- (7) Development of non-polluting renewable energy system.
- (8) Recycling of wastes & residues
- (9) Human settlements
- (10) Environmental education & awareness
- (11) updating environmental law, &
- (12) New dimensions to national security.

6

There are some water management strategies which include development of new ground water or surface water. Supply, conservation, reuse, demand management, expansion of the use of existing supplies such as improved operation or conveying water from one location to another or less conventional methods like weather modification, brush control and

water policy

Water resource management is the activity of planning, developing, distributing & managing the optimum use of water resources.

Water is essential for our survival.

The field of water resource management will have to continue to adapt to the current & future issues facing the allocation of water. It has been observed that due to climatic change will lead to situations that have never been encountered. As a result alternative management strategies should be set back to in the allocation of water resources.

Water resource management Planning has regard to all the competing demands for water & seek to allocate water on an equitable basis to satisfy all use & demands.



one of the biggest concerns for our water based resources is the future is the sustainability of the current and future water resource allocation. As water becomes more scarce, the importance of how it is managed is

At present only 0.08 % of all the world's fresh water is exploited by mankind in our increasing demand for sanitation, drinking, manufacturing, leisure and agriculture.

Much effort in water resource management is directed at optimizing the use of water and in minimizing the environmental impact of water use on the natural environment. The observation of water as an integrated part of the ecosystem is based on integrated water resource management, where the quantity & quality of the ecosystem help to determine the nature of the natural resource.

As a limited resource, water supply poses a challenge. This factor is assumed by the project Project DESAFIO (the acronym for Democratization of water and Sanitation Governance by means of Socio-Technical innovations). This project The DESAFIO engineers worked on a water treatment system run with solar power & filters which provides safe water to a very poor community in state of Minas Gerais

(8)

For water as a resource, this is particularly difficult since sources of water can cross many national boundaries & the uses of water include many financial value to manage in conventional terms.

As the carrying capacity of the Earth increases greatly due to technological advances, urbanization in modern times, modern life. Regarding the food production, and World Bank targets agricultural food production & water resource management is increasing as global issue & is a matter of debate. The author of the book 'Out of Water: From abundance to scarcity & How to solve the world's water problem', which laid down a six point plan for solving the world's water problems. These are :-

- i / Improve data related to water
- ii / Treasure the environment,
- iii / Reform water governance
- iv / Revitalize agricultural water use
- v / Manage urban & industrial demand
- vi / Empower the poor and women in water resource management.

To avoid a global water crisis, farmers will have to strive to increase productivity to meet growing demands for food, while industry & cities find ways to use water more efficiently.

So, ~~water use~~ use of water & resources become a problem to developing countries & to solve by using modern technique.