



Rainwater Harvesting

What is Rainwater Harvesting?

Rainwater harvesting is the method of collecting and storing rainwater. Prevents rainwater from going to waste in drains. Helps in using water during scarcity or drought. Stored water is used for:

- Irrigation (watering plants and crops).
- Gardens and domestic use.
- Drinking purposes (after purification).

Methods of Rainwater Harvesting

i. Rooftop Harvesting:

- Most common and easy method.
- Rainwater is collected from rooftops into water tanks.
- Stored water is used for indoor and outdoor activities.

ii. Large Containers:

- Collecting rainwater in buckets, tubs, and drums.
- Water is stored for later use.

iii. Digging Wells and Borewells:

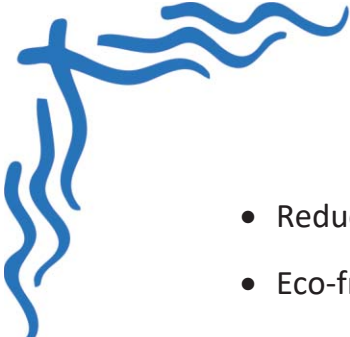
- Increases groundwater levels.
- Helps in storing more rainwater underground.

iv. Tanks and Check Dams:

- Large tanks and small dams are made.
- Helps in storing rainwater for future use.

Importance of Rainwater Harvesting

- Conserves water → Saves precious water resources.
- Prevents water shortage → Useful during droughts.
- Improves groundwater levels → Increases water availability.

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- Reduces water bills → Saves money.
 - Eco-friendly method → Prevents water wastage.

Uses of Harvested Rainwater

Irrigation: Watering crops and gardens.

Domestic use: Cleaning, washing, and household activities.

Drinking water: After proper purification.

Recharging groundwater: Helps in refilling underground water.

Conclusion

Rainwater harvesting is a smart way to conserve water. It helps in saving water for future use. We should all practice rainwater harvesting to save water and protect nature.

