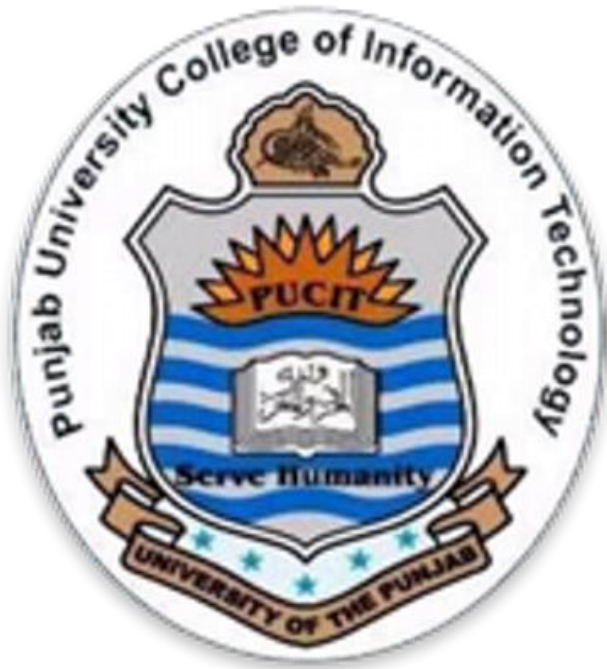


# Faculty of Computing And Information Technology



## ENGLISH

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Class: BS Data Science (Afternoon)

Topic: Water Scarcity (Don't waste water even if you are at a running stream.)

# Water scarcity (Don't waste water even if you are at running stream)

## Introduction

Water scarcity is one of the biggest problems. Water shortage is the most severe threat forced by the world today. We must use water with different cautions because water is a finite resource and wasting water can contribute to water shortage. Avoid leaving the tap running unnecessarily. Conserve water reduce your environmental impact. And every people have no access to clean water so water scarcity can damage human health. If you don't waste water then you will save your money. This essay will explore how we can save water by cautions when we are at running stream.

## Detailed Outline of

### A- Water is a finite resource

- 1- Water demand is increasingly day-by-day.
  - a. Population growth is increasing.
- 2- Climate change affects water availability.
- 3- Wasting water can serious issues.
  - a. Productivity of agriculture.
  - b. Prices of agriculture things.

### B- Avoid leaving the tap unnecessarily.

- 1- Turn off the tap when you are not using it.
  - a. Use a basin.
  - b. Use water-efficient appliances.
- 2- Use recycled water.
  - a. Harvest Rainwater
- 3- Educate others.
  - a. Importance of waste water.

### C- Conserve water reduce your environmental impact.

- 1- Reduce energy consumption.
  - a. Protect energy consumption.
- 2- Reduce water pollution.
  - a. Preserve biodiversity.
- 3- Reduce the need for new infrastructure.
- 4- Conflict climate change.

### D- Everyone has no access to clean water.

- 1- Lack of access to clean water.
  - a. Diseases such as chlorea and typhoid etc.

- 2- Clean water is a basic human right issue.
  - a.* People are facing different problems.
  - b.* Industries damaged clean water.
  - c.* Industries put the dangerous chemical water in underground.
- 3- Donations and support from organizations and individuals.

E- If you don't waste your water then you will save your money.

- 1- Reducing water usage can lower your utility bills.
  - a.* Reduce the need for costly repairs and maintenance.
  - b.* Fixing leaks and drips can have significant amount of money.
- 2- Saving water can help reduce the demand on water treatment and distribution systems.
- 3- Using water-efficient irrigation system
  - a.* Water-efficient can also help to prevent soil-erosion.

## Conclusion

Water shortage is major issue in the world. We can control it by different conditions. By the avoid of those things in which we are not needed we can manage in long run for future use.

# Water Scarcity (Don't waste water even if you are at running stream)

Water scarcity is one of the biggest problems. Water shortage is the most severe threat forced by the world today. We must use water with different cautions then we can control this threat. Water is a finite resource and wasting water can contribute to water shortage. Climate change affects the water availability and wasting water produces serious issues. Avoid leaving the tap running unnecessarily, we can control the water shortage. By the conserve water we can also reduce the environmental impact. Everyone has no access to clean water, we can provide clean water to them by rule the water shortage. Clean water is basic human right and we can provide them by different awareness. If we can save water shortage then I will save money. This essay will explore how we can control the water shortage that is threat today.

Water is a finite resource in the world. By wasting water we can face a water shortage in large extent. Water plays an essential role for live in the world that's why its demand is increasing day-by-day because population is increasing very fast in the world. Although we live on the planet filled with water, only a very small percentage is safe and usable for human consumption. The areas under the worst cases of water stress are also experience the highest level of population growth. In stressed-areas, birth rates are twice as high as the global average. Water shortage is also affects by the climate change. Climate change badly affects the water availability in world. We can see its impact through floods and our government has no taken any step that reduces the effects of climate change. Increasing global temperatures cause water to evaporate in larger amounts, which will lead to higher levels of atmospheric water vapor and more frequent and heavy rain in the near future. Wasting water can have serious issues. Water is a critical input for agriculture productions and plays an important role in food security. Crops are required a consistent supply of water to produce healthy yields. Water shortage can cause stress on crops, which can result in reduced yields or even crop failure. When water is not provide in proper way then farmer change the quality of crops some crops are required a large amount of water and some are required a small amount of water then it badly affects the quality. When proper amount of water is not provide in all over the country equally then prices of agriculture productivity is high because farmers can use an expensive method.

We can control the shortage of water by avoiding the tap running unnecessarily. We should off the tap when we are not using it. When we are brushing our teeth, washing our hands and other purposes we should want to use the water in limited amount.

A dripping tap can waste a significant amount of water. Therefore it is essential to fix dripping as soon as they are noticed.

Our **Holy Prophet (P.B.U.H)** said:

*Don't waste even if performing ablution on  
the bank of a fast flowing large river.*

(Al-Thirmidhi)

By using water efficient appliances we can significantly water shortage in homes. Water saving dishwashers uses less water than conventional models. Water efficient appliances are designed to use water more efficiently. Water-efficient appliances are easy to install and operate and making them a hassle free upgrade to nay home or business. Water-efficient appliances are environment friendly because they reduced the amount of water used and reduced the amount of energy needed to heat water. By using recycled water we can control the water shortage. Recycled water can use irrigation in agriculture. This help to converse portable water resources and can reduce the amount of treated water used for irrigation. Recycled water can also use in industrial uses in many purposes such as cleaning. This can reduce the amount of freshwater in industrial uses.

**Dr. Tariq Banuri** said:

*"Pakistan is wasting its water resources due to  
inefficient consumption patterns and negligible  
recycling".*

By awareness in people we can control the water scarcity in large extent. We should to start a campaign and guide the people and tell the importance of water. Water is necessary for our survival. We need to consume it regularly to stay hydrated and maintain our health. It helps regulate body temperature. Drinking an adequate amount of water is crucial for overall health and well-being .Water is used in transportation, with many goods and transported by ship and barge. There is no life on earth without water. We should want to educate others and encourage them to take action to reduce water wastage.

According **to the Korea Times**:

*"Singapore is a water scare country and is meeting 40%  
of its water demand from recycle wastewater which is  
expected to reach 55% by 2060."*

Conserve water reduce your environmental impact. The pumping and distributions of water requires a significant amount of water. By reducing water consumption, less energy is required, reducing greenhouse gas emissions. Conserving wastewater means generating less waste water which requires treatment before discharged into the environment. By reducing water usage, the energy demand associated with treating and processing wastewater can be reduced. Water pollution is a significant issue that affects the health and well-being of people and eco-system around the world. Water is a critical component of ecosystems, supporting a diverse array of plant and animal species. Wastewater from homes and industries can pollute nearby water sources, damaging ecosystem and harming wildlife. By conserving water, we can reduce the amount of wastewater produced and the associated pollution. Many species of plants and animals rely on water sources for their survival. Conserving water can help preserve biodiversity and maintain a healthy ecosystem for all species. Conserving water can reduce the need for new infrastructure. We should need to build new dams and water treatment plants. Dams are the main need in our country because every year large amount of people died due to flood. In Pakistan, every year flood came and left a sad story behind him. Our government should want to build new dams and repair old dams. In this way we control the flood and conserve water. Water can fight with climate change. Sustainable water management is central to build the flexibilities of society and reduce carbon emissions. Everyone has a role to play-actions at the individual and household levels are vital.

We should conserve clean water because everyone has no access to clean water. Drinking water comes from the underground surface or aquifers and our surface water quality is badly damaged. By the dangerous chemical was mixed with clean water they damaged people health and people are facing different disease such as chlorea and diabetes etc. Clean water is a basic human rights and clean water spoiled by the dangerous chemical. Industries near the population have the main role for spoiling the clean water. They put dangerous chemical water in underground by different technique without refining it instead of dropping water in drainage system. Now, Diseases are commonly come from the dirty water. Our government should take action against these industries and cancelled their license. In this way we can provide clean water to every people. By the help of donations and support from the organizations and individuals we can provide clean water to everyone. Donations can be used to build tubewells and water treatment plants. Donations can also help to build water filtration plants in those areas where no clean water is available. It can also help to support water education programs about the importance of safe water. Some of the organizations are working such as UNICEF, water.org etc.

If you don't waste water then you will save your money. Reducing water usage can lower your utility bills. Using less water means using less energy to heat and pump water, resulting in lower bills. Conserving water can reduce the need for costly repairs and maintenance. We should need to fix small dripping as soon as noticed. Even a small leak can waste gallons of water and thousands of money waste unnecessary each year. By using water-efficient irrigation system we can save money. Drip irrigation system deliver water directly to the roots of plants. Soil moisture sensors measure the moisture level in the soil and automatically adjust the irrigation systems watering schedule to ensure that plants receive the optimal amount of water.

Water shortage is a major issue in all over the world. We can control by avoiding the tap unnecessarily, conserve water and provide clean water to everyone. In this way we can save money and maintain our health and consume water for future use.