

TOPIC 3**Water Scarcity and Water Management**

Water is one of the most important natural resources for life on Earth. It is essential for drinking, agriculture, industry, and ecosystems. However, many regions around the world are facing increasing pressure on their water resources.

Water scarcity occurs when the demand for water exceeds the available supply in a particular area. This situation can be caused by several factors, including population growth, climate change, pollution, and inefficient water use. In many semi-arid regions, limited rainfall and high temperatures make water resources even more fragile.

Poor water management also contributes to the problem. Excessive irrigation, water waste, and inadequate infrastructure can lead to significant water losses. As a result, communities may experience serious environmental and socio-economic challenges.

To address these issues, sustainable water management practices are becoming increasingly important. These practices aim to improve water efficiency, protect water resources, and ensure that future generations have access to clean and sufficient water.

Questions**I. Answer the following questions:**

1. Why is water considered an essential natural resource?
2. What are the main factors that contribute to water scarcity?
3. Why are semi-arid regions particularly affected by water shortages?
4. How can poor water management increase water scarcity?

II. Find in the text words that correspond to the following definitions:

1. A situation where water demand exceeds the available supply:
2. The careful and efficient use of water resources:
3. The total amount of water available in a particular area:

III. Give the opposite of the following words:

Waste $\neq$
Shortage $\neq$
Insufficient $\neq$

IV. Complete the Sentences:

1. Water is essential for several sectors such as,, and ecosystems.
2. Water scarcity occurs whenexceeds the available water supply.

3. Poor water management may cause serious and socio-economic problems.

V. Explain briefly the meaning of the following expression from the text:

“Sustainable water management practices.”