

Depletion of natural resources caused by Syrian Refugee in Jordan.

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Introduction

- Jordan is a country with limited natural resources specially water resources.
- The increase in the number of Syrian refugees in Jordan has led to an increase in demand for living resources.
- This causes several economic, social and environmental problems affecting Jordan's indigenous population.
- **First: Water Sector.**
- **Second: Agricultural Land Sector**
- **Third: Health and services sector**

Depletion of Water Sector.



- Jordan is classified as one of the poorest countries in the water sector and is threatened by desertification. Jordan is ranked as world's second water-poorest country
- As a result of the increase in the number of Syrian refugees in Jordan increase the demanding on water resources.
- The Jordanian citizen's share of water decreased from $100 \text{ m}^3 / \text{year}$ to $72 \text{ m}^3 / \text{year}$ because of the presence of Syrian refugees in Jordan.



Depletion in Agricultural Land Sector

- The increase in the number of Syrian refugees led to increase investments in the housing sector especially in northern Jordan. The increase in population buildings at the expense of land.
- According to the latest statistics of a study conducted by the Syrian Refugee Commission in Jordan in 2017, the number of Syrian refugees in Jordan is more than 650,000 Syrian refugees live 80% of the indigenous population in cities and rural areas.
- This led to an increase in the demand for the provision of residential apartments, resulting in urban construction at the expense of agricultural land.



Depletion in Health and services sector



- The Syrian refugees in Jordan has affected the health and services sectors.
- The presence of Syrian refugees in Jordan has led to an increase in the number of patients in hospitals and health centers that has led to an increase in **medical waste**.
- Some studies have been conducted indicating that some of the diseases that are in effect are due to the presence of a large part of the refugees within the Jordanian society.
- In the public services sector, based on municipal statistics, the increase in the percentage of solid waste and sewage water is observed.
- The issue of waste management in Jordan is one of the topics that constitute a challenge to the environment in Jordan.