



The Road Map of Jordan University of Science and Technology Towards Sustainability

By
Jamal Abu-Ashour



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We are here...

Sea of Marmara

Lake Urmia

Turkey

Syria

Iraq

Cyprus

Lebanon

Damascus

Beirut

JUST

West Bank

Jerusalem

Gaza Strip

Israel

Jordan

Northern Borders


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US Dept of State Geographer



JUST

A satellite map of a desert region. The landscape is characterized by a mix of brown, arid terrain and rectangular agricultural fields, some of which are irrigated. A prominent river or canal runs vertically through the center of the image. To the right, there are several small, clustered settlements. A yellow pushpin is placed on the map, and a purple line outlines a specific area in the lower right quadrant.

Al Buwayda

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Jordan University of Science and Technology (JUST)

Facts and Figures

- Established in 1986
- 25000 students and 800 staff
- 5000 international students
- 12 faculties
- 55 departments
- 42 undergraduate programs
- 95 post-graduate programs

Jordan: facts and figures

- Area 89,341 km²
- Total population 9,559,000
- Population growth rate (%) 5.3
- Population median age (Year) 22.4
- Life expectancy at birth (Year) 73.2
- GDP per capita \$5,092 (Rank 95)
- Limited natural resources (No oil)
- Second poorest nation in per capita water share

**Policy Name: Environmental Sustainability
2016-2020**

Policy number and code
Legal reference

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Environmental Sustainability

**Renewable
Source**

Generation > Consumption

**Non
Renewable
Source**

Alternative > Depletion

Waste

Degradation > Generation

Water Management

- Annual rainfall is less than 350 mm
- Annual water use is 540,000 m³
- Reclaimed water use is 434,000 m³
- Earth dam
- Artificial lake
- Minimize leakage
- Water use efficiency
- Water harvesting



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Solid Waste Management

- Solid waste generation is 1700 ton from campus and 1600 ton from hospital
- Food waste is 50%
- Paper use is 50 ton
- Source Reduction
- Food waste composting
- Paper collection recycling

Energy Use

- Fuel consumption by vehicles is 376 m³
- Diesel use by boilers 900 m³
- Electricity consumption is 33.5 million KWh
- Use more efficient heating system
- Apply better management for use of vehicles
- 5 MWatt solar system was constructed
- 20 MWatt solar System is being constructed
- Total electricity generation from the two systems is 40 million KWh









SUHA BATAINEH

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