



NewsLetter #10

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High pressure systems protect the eastern Mediterranean from European low pressure systems.

Director of Meteorology Raed Rafed Al-Khattab stated that current weather analyses indicate that western Europe is affected by a series of deep, Atlantic-origin low-pressure systems, characterized by a significant drop in surface pressure and a clear deepening of the middle and upper layers of the atmosphere. This occurs within an active winter pattern linked to the jet stream and the sharp temperature contrast between different air masses.

The statement explained that these dynamic conditions contribute to the development and intensification of low-pressure systems, leading to unstable weather conditions in western and central Europe, including heavy rainfall and



<https://ajel.sa/misc/m4ojfpmjwn?>

The Green Middle East Initiative: An environmental alliance to mitigate the effects of climate change on the region.

The Green Middle East Initiative is a regional initiative led by the Kingdom with the aim of reducing the effects of climate change on the region, working together to achieve global climate action goals, and aims to plant 50 billion trees throughout the Middle East, which is equivalent to 5% of the global afforestation goal.

The initiative's importance lies in addressing the repercussions of rising temperatures, which are leading to a sharp decline in livelihoods and job opportunities across the Middle East and North Africa region. As global temperatures continue to rise in this manner, the frequency and intensity of extreme weather conditions in the region, such as drought and heavy rainfall, are expected to increase, at a time when the economic cost of dust storms alone exceeds \$13 billion annually in the region.



<https://nesan.net/?id=341749>

Climate Change in the Jordan

Professor of Climate Change, Dr. Qasim Tarawneh, stated that climate change is one of the most prominent strategic challenges facing the Hashemite Kingdom of Jordan, due to its direct impacts on water resources, food security, infrastructure, public health, and the national economy.

He added that Jordan has witnessed an increase in the intensity and frequency of extreme weather phenomena in recent years, most notably the recent heavy rains and flash floods in Karak. He explained that the new low-pressure systems forming in the Mediterranean basin are characterized by their violent nature due to climate change. The reason is an unprecedented rise in the surface temperature of the Mediterranean Sea, a fact that is only understood by specialists in this field, who are largely absent from the scene.



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