

Jan 1, 2004 Abstract In recent years, the evaluation of the efficiency of performance of solar energy units and the digital simulation of the thermal system of a building are not done by ?

Jun 27, 2022 High-temperature solar is concentrated solar power (CSP). It uses specially designed collectors to achieve higher temperatures from solar heat that can be used for ?

Jan 1, 2000 A preliminary study of a solar-heated low-temperature space-heating system with seasonal storage in the ground has been performed. The system performa?

Mar 14, 2025 Estimating Land Surface Temperature (LST) is essential for analyzing urban heat island (UHI) effects and promoting sustainable urban development. This research applies a ?

Apr 12, 2024 Ideally tilt fixed solar panels 28° South in Damascus, Syria To maximize your solar PV system's energy output in Damascus, Syria (Lat/Long 33.5194, 36.2888) throughout the ?

The average temperature in Damascus in September is fairly hot at 24.2 °C (75.56 °F). Afternoons can be very, very hot with average high temperatures reaching 32.4 °C (90.3 °F).

Abstract Many of the short-lived radioactive nuclei that were present in the early solar system can be produced in massive stars. In the first paper in this series, we focused on the production of ?

Dec 15, 2021 To overcome this issue, in this research new design for a high temperature solar receiver combined with a triple (sensible, latent, and chemical) storage was presented. In the ?

Apr 17, 2024 This study uses remote sensing and geographic information systems (GIS) to investigate the urban heat island (UHI) phenomenon in Damascus, Syria, over ten years (2013 ?

Aug 5, 2024 Damascus, the capital of Syria, is known for its distinctive weather patterns throughout the year. The city experiences a Mediterranean climate, characterized by hot, dry ?

The average temperature in Damascus in August is hot at 26.5 °C (79.7 °F). Afternoons can be severely hot with average high temperatures reaching 35.6 °C (96.1 °F). Overnight ?

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Abstract Urbanisation and changes in land use and land cover (LULC) significantly impact Urban Heat Islands (UHI). Despite extensive research on UHI, regional variations demand localised ?

Jul 1, 2006 This work presents a mathematical representation of a few chosen weather parameters of the capital zone "Damascus" in Syria. Seasonal models, as an alt?

Jun 26, 2022 8.1 High-Temperature Solar High-temperature solar technology (HTST) is known as concentrated solar power (CSP). It uses specially designed collectors to achieve higher ?

Feb 5, 2025 Urbanization and changes in Land Use and Land Cover (LULC) indices significantly impact Urban Heat Islands (UHI). Despite extensive research on UHI, regional variations ?

Download Citation On Oct 1, 2024, Mohamad Khalil and others published Time-series studies of Land Surface Temperature in Damascus, Syria through MODIS by Google Earth Engine ?

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