

qanat meaning

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Qanat - Wikipedia

A qanāt (Persian: قنات) or kārīz (کاريز) is a water supply system that was developed in ancient Iran for the purpose of transporting usable water to the surface from an aquifer or a well through an underground aqueduct.

Qanat - World History Encyclopedia

Today, tens of thousands of qanats still function in around 35 countries across the globe. Qanat is Arabic for 'conduit,' and is the most widely-used term for the irrigation system among English-speakers.

The Persian Qanat - UNESCO World Heritage Centre

Throughout the arid regions of Iran, agricultural and permanent settlements are supported by the ancient qanat system of tapping alluvial aquifers at the heads of valleys and conducting the water along underground tunnels by gravity, often over many kilometres.

Qanat | Definition & Facts | Britannica

A qanat taps underground mountain water sources and channels the water downhill through a series of gently sloping tunnels, often several kilometers long, to the places where it is needed for irrigation and domestic use.

The Qanat System (Ancient Engineering Marvels)

Have you ever wondered how ancient civilizations managed to thrive in harsh, arid environments? One remarkable solution comes from ancient Persia: the qanat system. These ingenious underground channels provided a reliable water source to support settlements and agriculture across Iran's vast deserts.

What Is A Qanat, And Where Are They Found? - WorldAtlas

A Qanat (sometimes referred to as karez in Turkish, or kārīz or kārēz) is translated as meaning "channel". Qanats are underground structures used to collect groundwater and stream them to the surface.

WaterHistory.org

When properly maintained, a qanat is a sustainable system that provides water indefinitely. The self-limiting feature of a qanat, however, is also its biggest drawback when compared to the range of technologies available today.