

7 of the most exotic dams in the world and interesting things that amaze many people

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1. Three Gorges Dam

The Three Gorges Dam on Yangtze River was built in Yichang, Hubei Province, China. This is the largest hydroelectric dam in the world with a height of 182m, and is also the largest power source in the world, about 84 billion kWh.



The construction of the Three Gorges Dam lasts 15 years, using 27.2 million cubic meters of concrete and 463,000 tons of steel (enough to build 63 Eiffel towers). Thirteen cities, 140 towns and 1,600 villages were sunk, about 1.43 million people were displaced. It was completed in 2011. Although it is the largest hydroelectric dam in the world, it only has a lifespan of 70 years.

2. Itaipu dam

Itaipu Dam is located on Parana on the border between Brazil and Paraguay - Parana Canal. This work provides 19% of power consumption for Brazil and 90% for Paraguay.



The Itaipu dam is more than 196 meters tall, equivalent to 65 floors, made up of 12.3 million cubic meters of concrete and enough steel to build 380 French Eiffel Towers. To build this massive building, Parana, the seventh largest river in the world must change the flow.

3. Grand Coulee Dam



This building is located on the Columbia River in Grand Coulee, Washington, USA. Grand Coulee Dam is 1,600m long, 503m wide, 115m high (twice the Niagara Falls, North America) and is the largest dam in America. It was large enough to accommodate all of Giza's pyramids.

4. Sayano Dam - Shushenskay



This work is located on the Yenisei River in Khakassia, Russia. This is the largest hydroelectric dam in Russia and the sixth largest in the world.

Russia's Sayano-Shushenskay dam was built very solidly, able to withstand the magnitude 8.0 earthquake, recorded in the Guinness Book of World Records for certainty.

5. Robert - Bourassa dam



Robert-Bourassa Dam is located on La Grande River in Quebec, Canada. This work is the largest underground plant in the world, it is located 140m from the river's surface. At the center of the dam is a "giant staircase", each step that is twice the size of a football field to sweep down the water.

6. Smashing wood



In the northern Japanese province of Akita, large-scale dams have been built to minimize the effects of landslides and mud flows in the mountains. But unlike other buildings, this dam is built from cedar wood, a rich source of Japanese materials to limit carbon emissions from the construction of steel and concrete dams.

7. Smashing sand



Unlike large dams built for hydroelectric purposes, sand dams in Kenya are quite small in size about 50m long, 2 to 4m high and built to store water during the rainy season, then serve the community. drought population.

Since 1995, Kenya has built more than 500 sand dams.

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