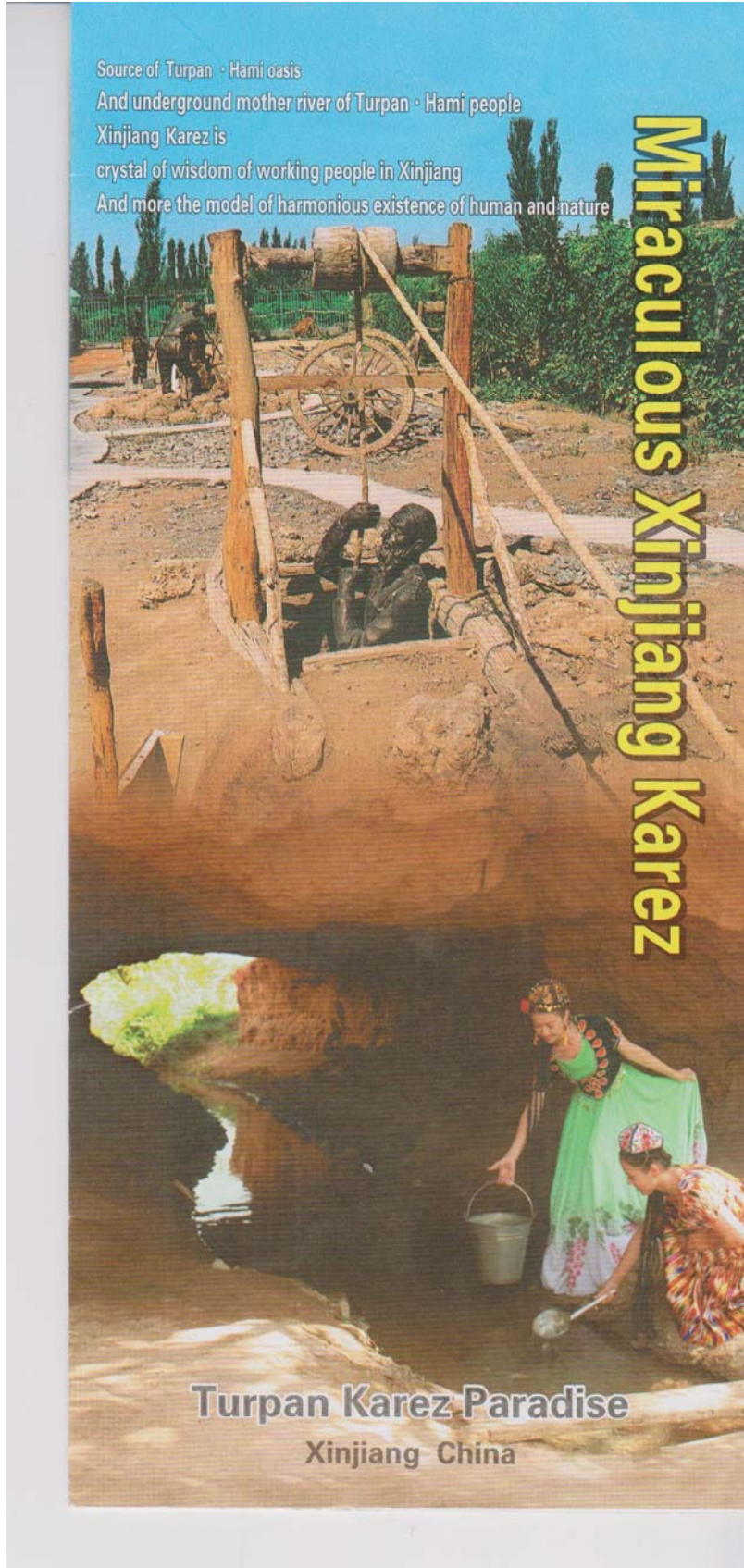
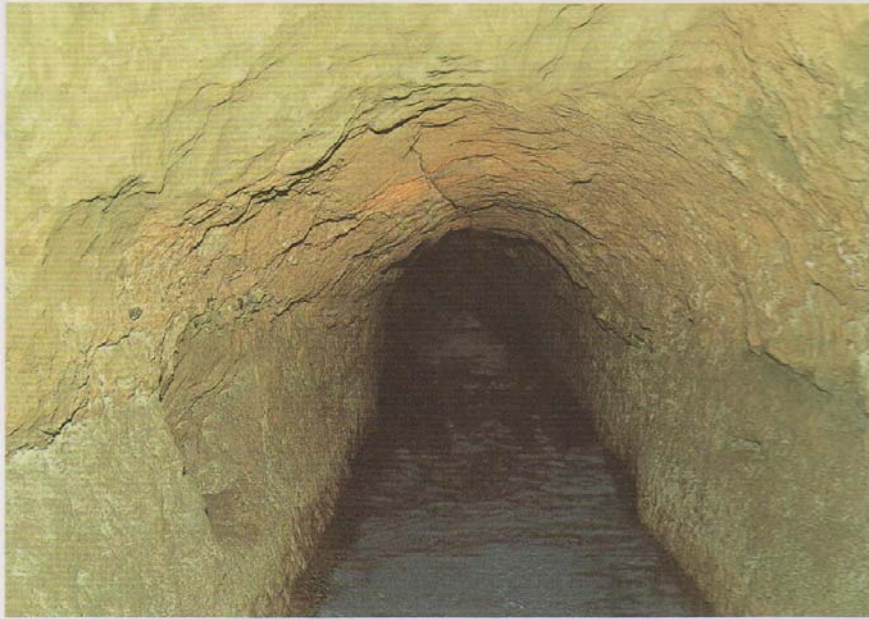
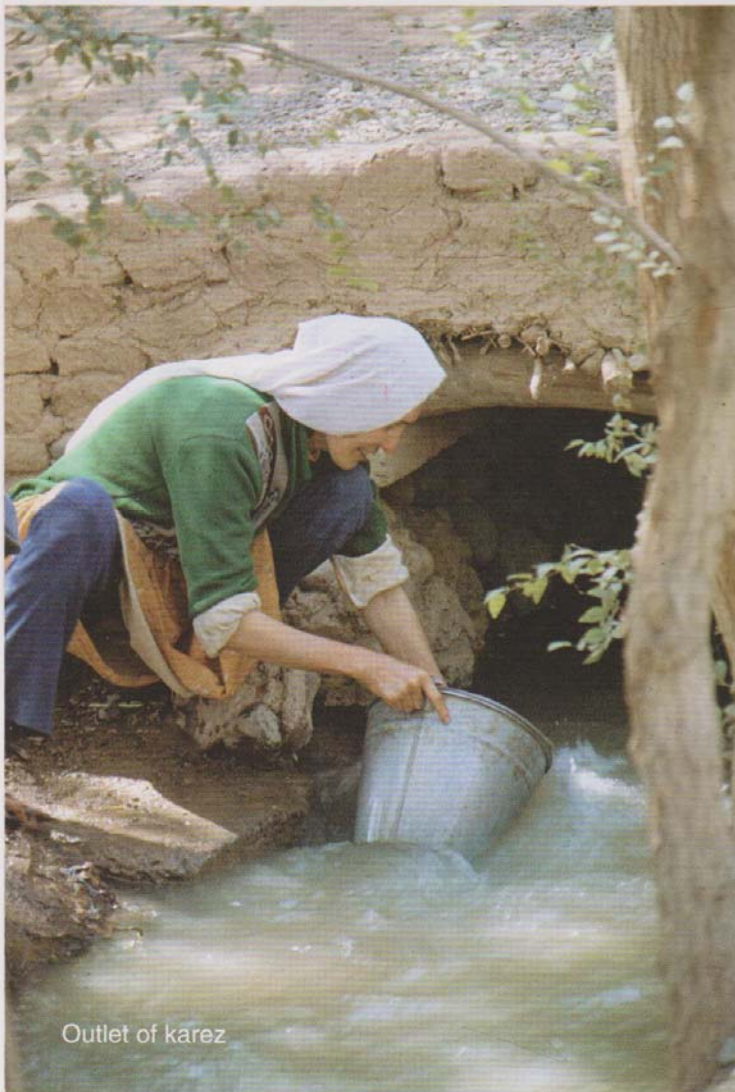


ÇİN HALK CUMHURİYETİ SINJIANG BÖLGESİ(UYGUR)
TURPAN KARIZLARI

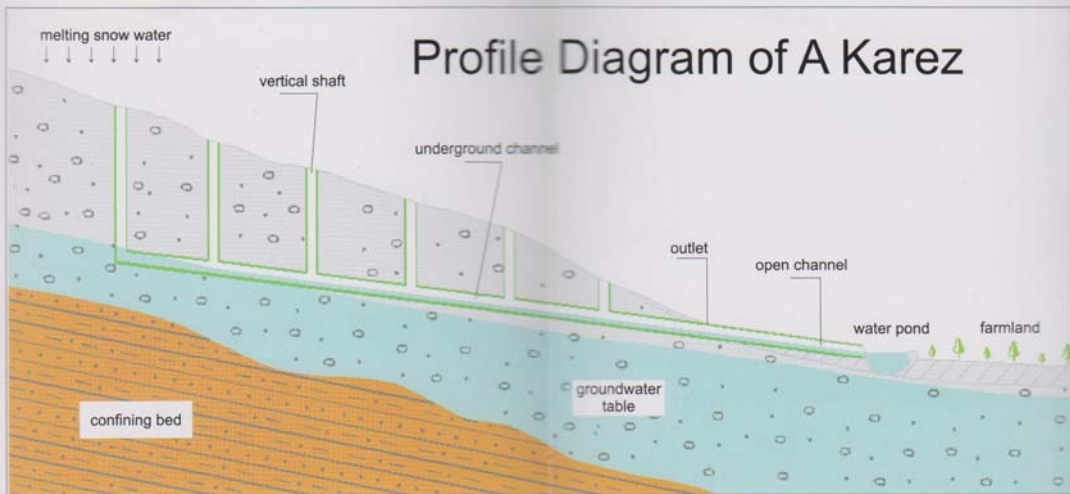




Underground channel of Karez



Outlet of karez



Open channel of Karez



Water pond of Karez



Xinjiang Hydrology and Water Resources Bureau

Xinjiang Karez Study Society

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Brief Introduction to Karez

Xinjiang Karez has enjoyed a history of 2000 years, can compare favorably with Great Wall and Beijing-Hangzhou Great Channel and is called one of the three great projects in ancient China, including Dujiangyan in Sichuan Province and Lingqu in Guangxi Autonomous Region.

Historically Karez was distributed in Turpan, Hami, Changji, Hotan, Artux, Kuche and Urumqi, etc, but mainly in Turpan and Hami.

Karez consists of four sections of underground channel, vertical shaft, open channel and pond (reservoir). Its main body is deeply underground and include water accumulation section and water transmission section.

Generally underground channel is 1.5-1.7m high, 0.6-0.7m wide and about 5 km long, the longest 20km. The highest record of Karez in Xinjiang reached 1784 lines of Karez, with total underground channel length of 5272km, total number of vertical shaft of 172367 and annual water output of 858million cu. m. At present, the entire Xinjiang reports only 614 lines of Karez with annual water output only 301 million cu. m, of which Turpan Prefecture boasts 404 lines of water-available Karez with annual water output of 231 million cu. m. In some villages Karez still serves as main water source for irrigation, drinking and maintaining ecological system.

In ancient times, working people utilized relief and slope to induce groundwater out without application of any power to irrigate farmland and survive, giving birth to oasis civilization. Karez is the "Mother River" and "Fountain of Life" of Turpan people.

Karez is made with small section, poor construction conditions, heavily intense labor, less safety security, great work quantities, deserving the title of crystal of wisdom and hard toil of working people. Karez has written immortal chapter of human's struggling against drought and of harmonious co-existent between human and nature in Turpan and Hami.

In order to carry on, research, protect and give publicity to the excellent cultural heritage invented and handed down to us by our forefathers, make it further serve our production and life as

well as ecological system and regain its vigor, Karez Research Association of Xinjiang Uygur Autonomous Region launched various academic activities. Particularly in recent 10 years, the association successfully conducted activities of academic research, general survey for basic information and publicity through mass media, etc, put forward plan for protection of Karez, completed permanent Karez record, made Karez distribution map, tried protection of Karez by applying modern science and technology and using new material and new process, etc, completing a great deal of initial preparation works for mapping out of Regulations of Xinjiang Uygur Autonomous Region on Protection of Karez.



Vertical Shaft of Karez (ground working)



A bird's eye-view of Karez system



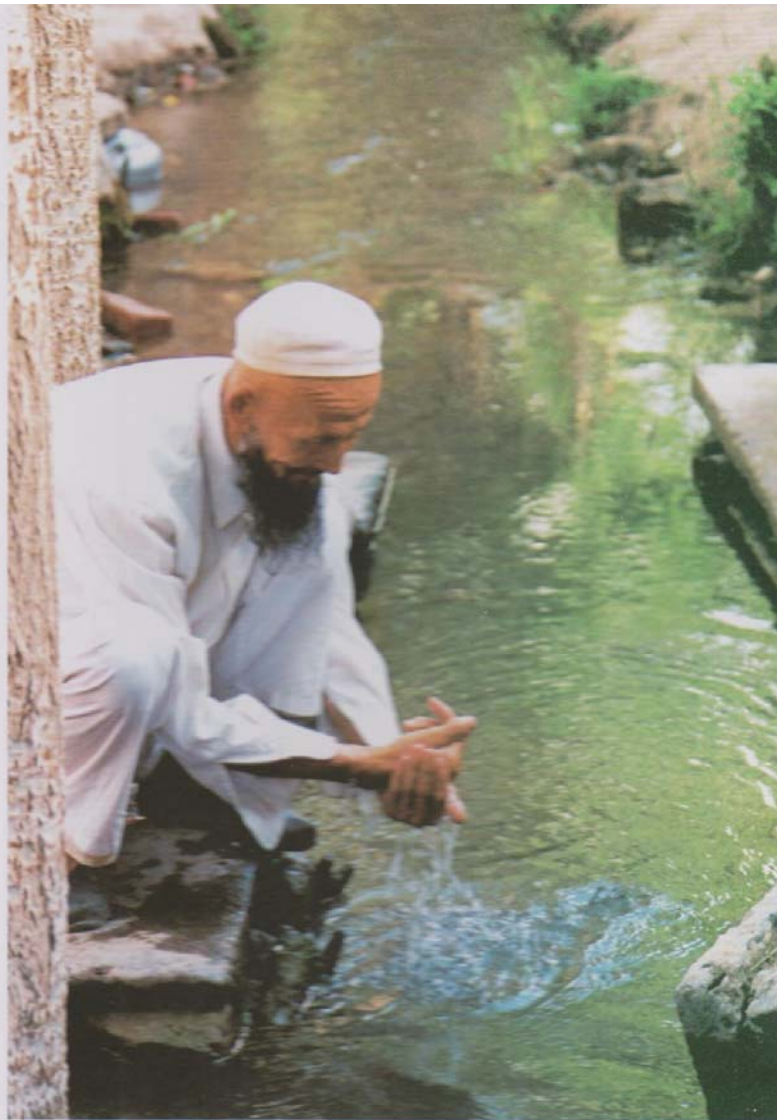
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Watersource of life



Outlet of karez



Turpan Karez Paradise

Beside Turpan Toll Station on National Highway 312 and Turpan Tourist Reception Center stands unique decorated gateway to Karez Paradise. Going ahead one km from the gateway you can reach Turpan Karez Paradise. Turpan Karez Paradise, launched in 1992, serves as a research place and tourist attraction constructed with investment by Xinjiang Karez Research Association for research and publicity and introduction to Karez.

Getting to Karez Paradise, the first coming into view is the gateway of the paradise combined with ethnic characteristics and modern architectural style and the gateway is the epitome of Karez. The paradise is encircled by three lines of clear Karez water



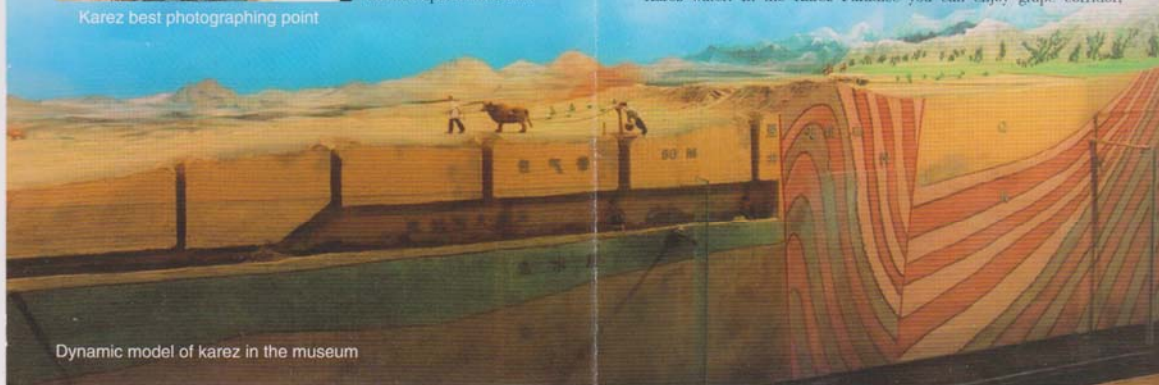
Karez best photographing point

enveloped by dark green, covered by thick grape trellis and decorated by brilliant flowers and towering trees. Here you can feel no any feeling of Fire Land but refreshing cool breeze. The wooden "Kankel Carromata Bridge" over an open channel of Karez tells you stories of long history. Along long and narrow grape corridor you can enjoy lifelike ground Karez construction display area and cultural wall expressing history of Turpan Karez. The next themed spot is museum.



Karez Museum

In Karez Museum displayed are satellite pictures and aerial map of panoramic Karez Xinjiang Karez distribution diagram tools for digging Karez demonstration of orientation method for underground channel of Karez , materials and pictures for history of Karez , ancient rock drawings expressing Karez works , inscriptions on Karez by famous historic figures and national leaders , dynamic model of panoramic Karez construction and longitudinal slope and major research achievements of Karez Research Association in recent years, etc. It is a professional museum to completely display Karez, from which tourists can directly get to underground channel of Karez, which is arranged at the downstream area of Miyimu Aji Karez where tourists can visit and have a taste of original looks of underground channel and vertical shaft of Karez 10 m underground and 100 m long. In the underground channel best photographing point is arranged for tourists to take pictures. Underground channel of Karez is covered with reinforced glass , on which tourists can walk as they wish. Under their feet it is Karez water flowing with a murmuring sound. Through the glass tourists can also enjoy original looks of underground channel. Karez outlet is also a major attractions , to which Party and national leaders have paid their visit and they also tasted sweet and delicious Karez water. In the Karez Paradise you can enjoy grape corridor,



Dynamic model of karez in the museum

original vineyard, fruits and melons, grape air-drying house, woodstone with a history of 150 million years 100-kg purely copper-made huge Aptowa (hand-washing kettle) and tourists reception center with strong Uygur architectural style as major attractions. In addition, the paradise also offers Uygur singing and dancing performance with local characteristics and is equipped with handicrafts shopping

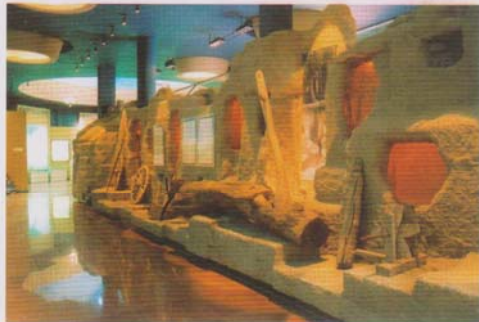


Kankel Carromata Bridge

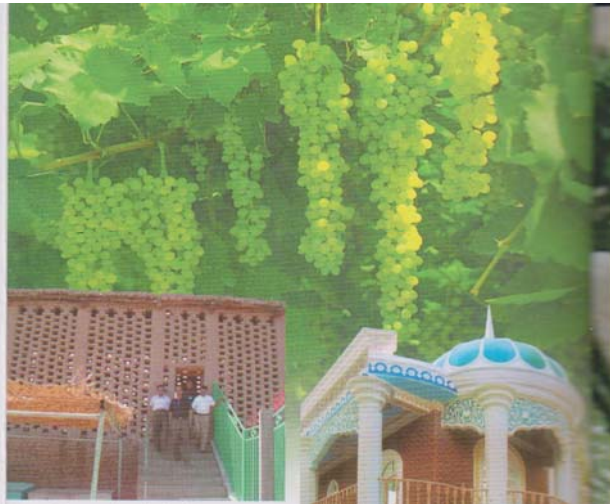
area, Karez Restaurant, Karez Supermarket parking lot, rest room for drivers and tri-star public toilet, etc for tourists.

Turpan Karez Paradise, under meticulous planning of Xinjiang Karez Research Association, has been built into a museum to provide you with profound Karez Culture connotation and with various information of Karez destiny in history, today and in the future and an AAA-level tourist attraction enjoying domestic and international reputation, with high notability and reception capacity. In addition, the paradise also won title of "National Water Conservancy Scenic Spot" by the Ministry of Water Conservancy of the People's Republic of China.

All our Karez Paradise employees warmly welcome your presence, and we will provide you with our quality services, help you understand Karez and Karez Culture and prepare safe, comfortable and environmental-friendly tourism environment for your satisfaction, at which we always aim.



Views inside the museum



Grape air-drying house



The largest Aptowa (hand-washing copper kettle), 4 meters high and made of 100kg copper

Tourist Service Center



Grape corridor

Wood-stone





Gateway to Karez Paradise

*Karez Paradise, an epitome and cream of Karez in Xinjiang
 Here you can get a full understanding of Karez,
 the ancient water conservancy works
 And experience long-history Karez Culture*

Tourist map for Karez Paradise



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