

## Tuyuq

Desertification has been called "the cancer of the earth". It threatens the survival and development of two thirds of the world's countries and regions and one fifth of its population.

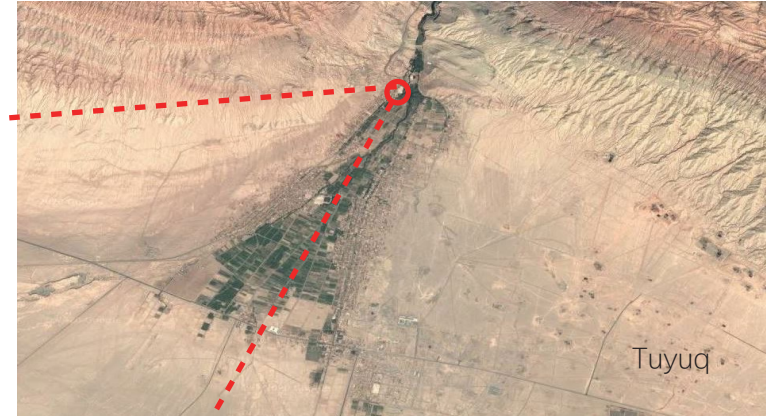
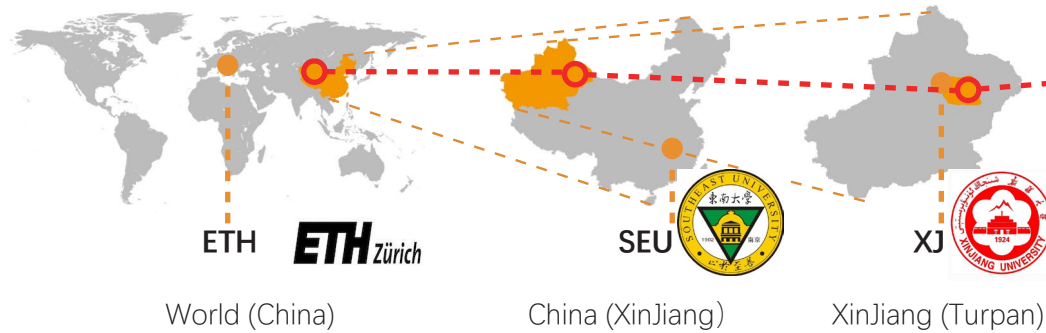
At present, the global desertification area has reached 36 million square kilometers, accounting for a quarter of the earth's land area. What's more, the desertification area is expanding at a rate of 50,000 to 70,000 square kilometers per year.

The site is located in Tuyuq area, the most serious desertification area in China, which is located in the geographical center of Asia and Europe. The farthest place in the world from the ocean, has the second largest desert in the world-the Taklamakan.

Solar Ark is a high performance building adapted to desert conditions, set up as a research station house to combat desertification. Inspired by the crescent dunes formed by wind erosion, Solar Ark can grow. The building brings people the hope of life by creating the desert into an oasis through a variety of desert technologies, similar to Noah's Ark for salvation.

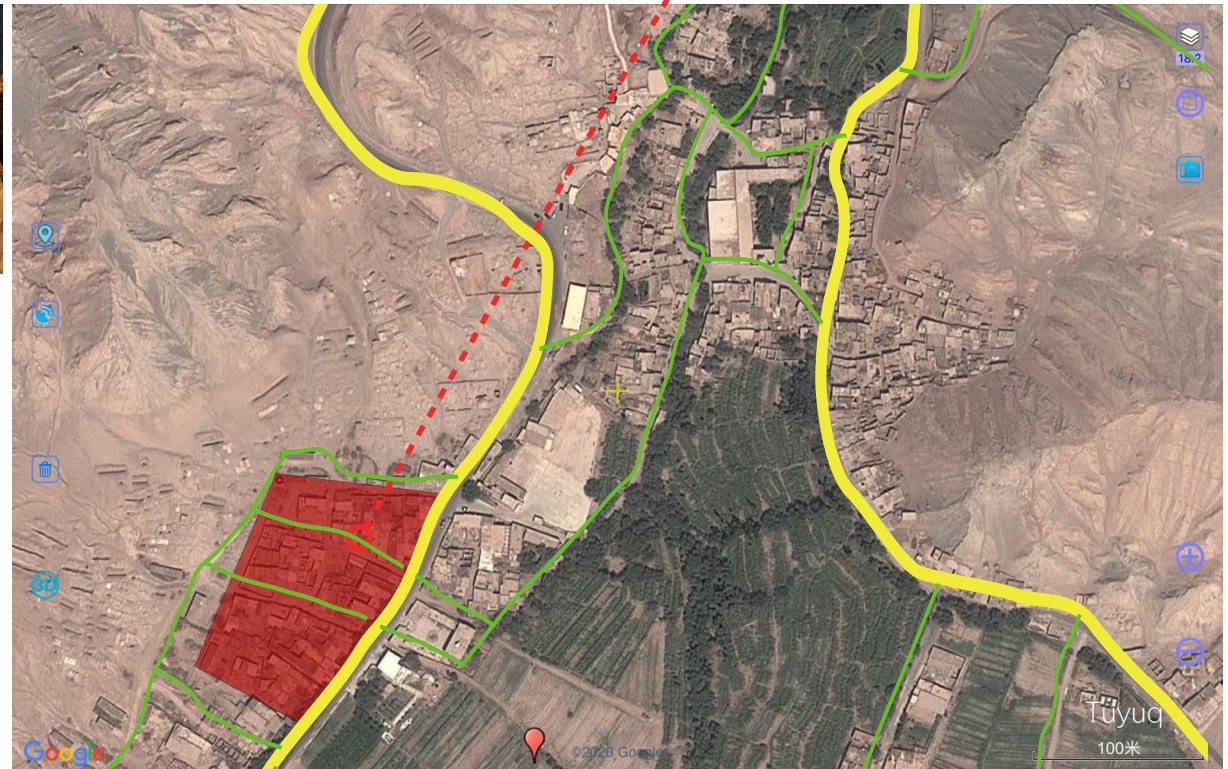


## Location



## Community summary

- Population: 3048 people
- Nationalities: Uyghur, Han
- Number of residential units: 1461 households
- Mosque: 1
- Museum: 1
- Visitor reception center: 1
- Race: Uyghur
- Living environment: desert, oasis
- Travel: car, motorcycle, horse, camel
- Historical and cultural city, with a history of thousands of years, is the intersection of Eastern and Western civilization
- Main attractions:  
Tuyoq Grand Canyon; Tuyoq Qianfo Cave;  
Vomiting ditch



Site

Main road

Branch road