



Food and Water resources overview in Uzbekistan

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UZBEKISTAN IS A PEARL OF CENTRAL ASIA.

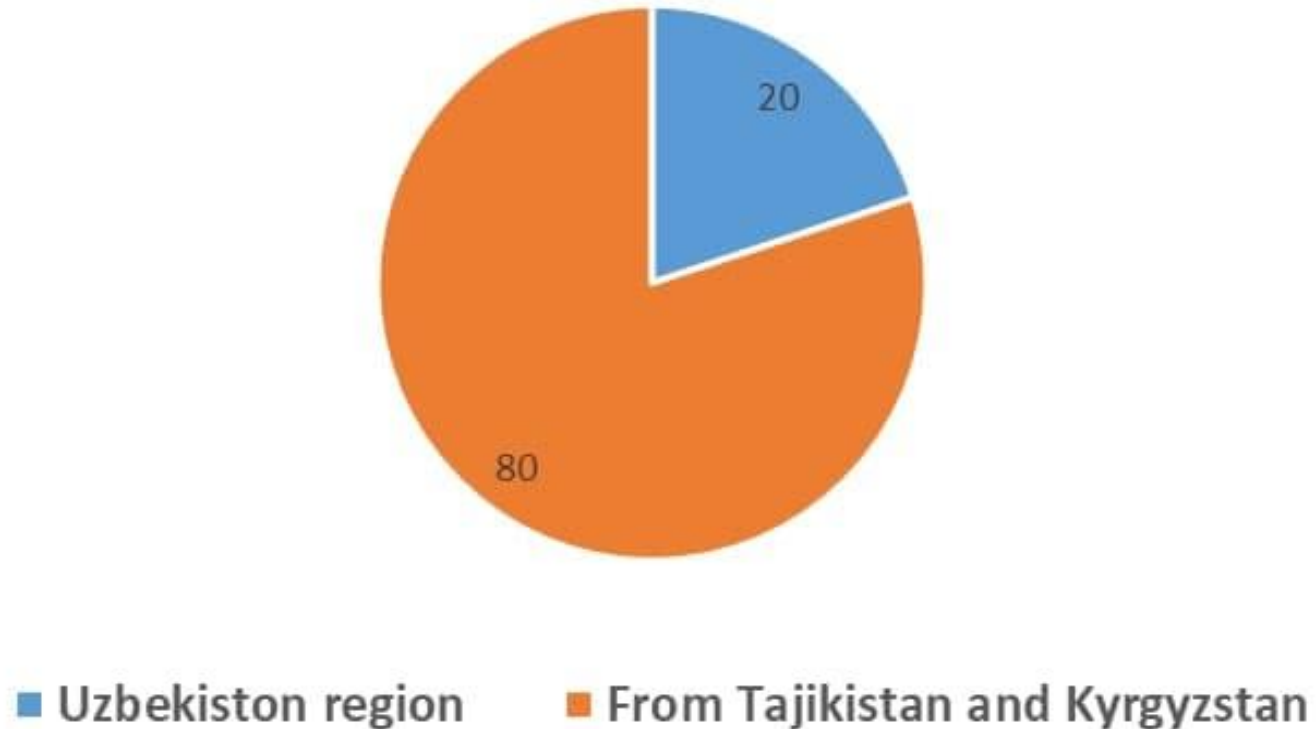


Uzbekistan - officially the Republic of Uzbekistan, located in Central Asia. It is a unitary and constitutional Republic, comprising 12 provinces and 1 autonomous republic. Uzbekistan is bordered by five countries: Kazakhstan, Tajikistan, Kyrgyzstan, Turkmenistan and Afganistan. There are two rivers in Uzbekistan which play a main role in our agriculture for irrigation and production all crops, Amudariyo and Sirdaryo

- **Area: 447,000 km²**
- **Weather – continental**
 - Cold winters & hot summers
- **Precipitation – 290 mm/year**
- **Agriculture – main backbone of economy**
 - Cotton
 - Wheat
 - Rice
 - Fruits & vegetables



Water Resources of Uzbekistan



About 80% of the water resources used in our country are formed by glaciers on the territory of neighboring republics (Tajikistan and Kyrgyzstan).

Irrigating the land of Uzbekistan

№	Agricultural crops	Total, thousand hectare	%
1	The total irrigated area	4261.1	
2	Arable land	3313.9	
3	Cotton	1315.6	39.7
4	Wheat	1131.8	34.2
5	Vegetables	62.9	1.89
6	Potatoes	20.5	0.6
7	Melon and water melon fields	23.7	0.7
8	Food crops	218.4	6.6
9	Oil crops	65.0	1.93
10	Other crops	480.0	14.5
11	Garden	227.9	5.3
12	Home garden	518.3	15.6
13	Heavy Meliorative conditions of lands	72.6	2.1

The demand for drip irrigation is growing every year in order to reduce water consumption for irrigation of cotton fields... for this purpose....In 2019, drip irrigation was established in the Republic for more than 113.48 thousand hectares of cotton fields.

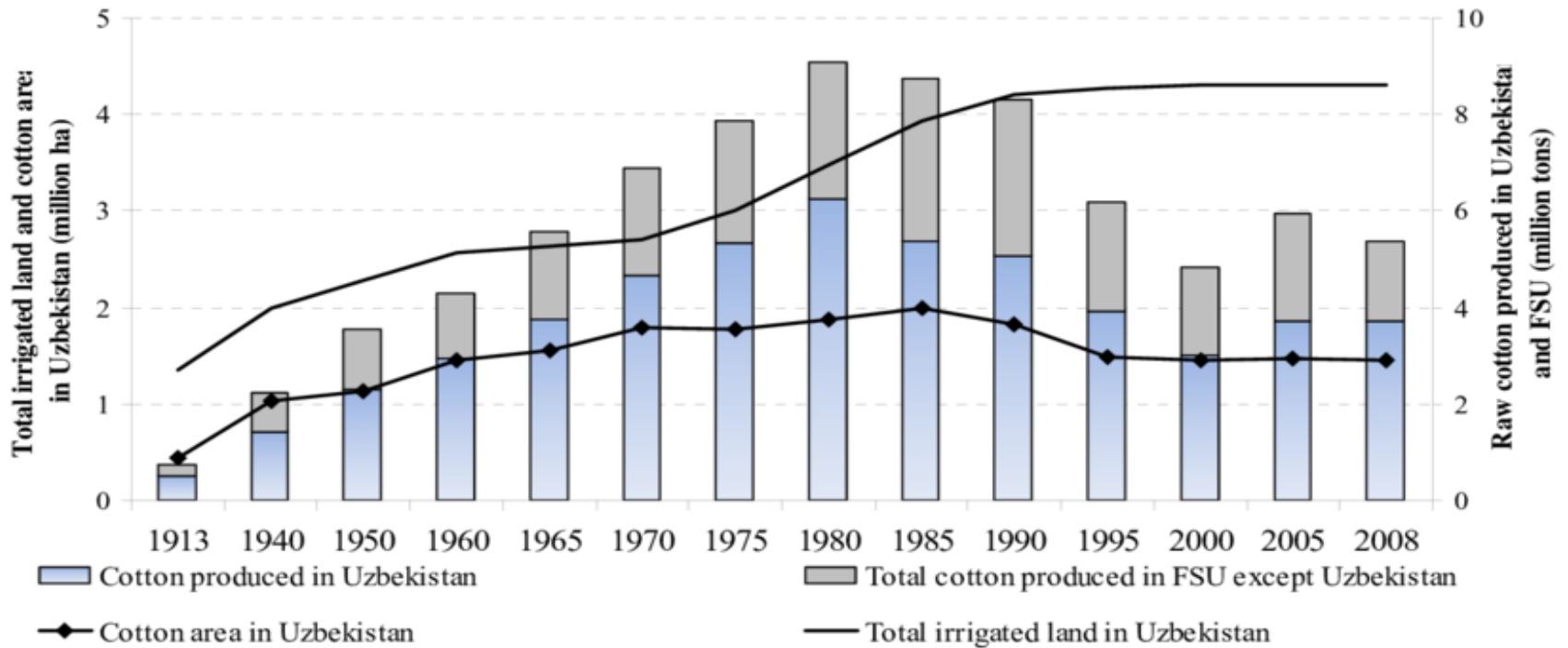


Cotton production in Uzbekistan is important to the national economy of the country. Cotton is considered the natural national wealth of Uzbekistan, together with gold. That was why we call it - ‘white gold’.



Wheat — one of the main agricultural crops of Uzbekistan is wheat. Population of our country consume wheat and wheat products especially bread a lot. Uzbekistan average wheat production is at 6.5 million metric tons per year.

COTTON PRODUCTION IN UZBEKISTAN



Cotton Production in Uzbekistan and the FSU, 1913–2008

Sources: Spoor 1993; Pomfret 2002; FAO 2010.



Winter wheat field and total yield in Uzbekistan



1991

2019

Wheat, rice, barley and corn are important grain crops in Uzbekistan. In 2019, over 8,0 million tons of cereals were produced.

Sesame, sunflower, soybeans, safflower, tobacco, potatoes, onions, chickpea, peanut, flax, and various fruits are also growing there.



Fruit and Vegetables. Uzbekistan is one the leading producers of fresh, delicious fruits in Central Asia. According to FAO statistics, Uzbekistan is among the top five producers of apricots in the world, the sixth largest producer of cherries. In the past 10 years, Uzbekistan increased the total area of fruits orchards 1.2 times. Uzbekistan's continental climate with hot summers is ideal for growing apple, pears, pomegranates, cherries, apricots, peaches and other popular fruit crops.



Orchard – Uzbekistan is rich in fruits and vegetables and the country has enough potential to increase exports. Uzbekistan produces more than 17 million tons of fruit and vegetable products annually, more than 4 million tons of which is exported.

Food security characteristics in CA countries

Food Security	Country	Low Soil fertility
Lowest Food Security	Tajikistan	Trade secure / Low food production
Middle Food security	Uzbekistan	Trade secure / Low food production
Upper Middle food security	Kyrgyzstan	Trade insecure / High food production
	Kazakhstan	Trade Secure / High food production
	Turkmenistan	Trade Secure / High food production

SOURCE: Shenggen, F., Liengzhi, Y., & Biengxin, Y., 2010, "Toward a typology of food security in developing countries", IFPRI. <<http://www.ifpri.org/sites/default/files/publications/ifpridp00945.pdf>>

Thank you for
your attention

