

Why is agriculture important in Kyrgyz Republic?

Agriculture is the mainstay of the Kyrgyz economy and is embedded within the traditional way of life for the majority of the people. During 2012-2016, agriculture contributed 15% of the country's total gross domestic product (GDP). Approximately 9.9% of total exports and 14.9% of total imports are related to the agricultural sector.

What happened to the agricultural sector in Kyrgyzstan?

In the 1990s and early 2000s, the Kyrgyz agricultural sector experienced substantial reform but the pace of change subsequently slowed and strategic government development became more small-scale and limited. Kyrgyzstan produced in 2018: In addition to smaller productions of other agricultural products, like apricot (25 thousand tons).

What is the main agricultural product of Kyrgyz Republic?

In terms of total harvested area, wheat (irrigated and rainfed) is the main agricultural product of the Kyrgyz Republic, representing on average 21% for the period 2012-2016, followed by irrigated and rainfed barley (11%), maize (7%), and fodder crops, which are also economically important.

What challenges does the agricultural sector face in Kyrgyz Republic?

The agricultural sector in the Kyrgyz Republic faces several challenges. The biggest ones are population growth, socioeconomic vulnerability, land degradation, and a lack of adequate infrastructure. Population growth will be a major challenge in the coming decades.

How much land is used for agriculture in Kyrgyzstan?

Only 6.8% of the total land area is used for crop cultivation, but 44% of the land is used as pastures for livestock. Because of the many mountains of Kyrgyzstan, animal husbandry remains a significant part of the agricultural economy. Cultivation is centered in the Fergana Valley, Talas Region, and Chirchik Region.

What crops are grown in Kyrgyzstan?

Cultivation is centered in the Fergana Valley, Talas Region, and Chirchik Region. Among Kyrgyzstan's agricultural products are tobacco, cotton, potatoes, vegetables, grapes, fruits, and berries. As far as total production, the largest crop is assorted types of animal fodder to feed the livestock of the country.

Companies from the global agricultural and food industry present their products at the Green Week Berlin. It is regarded as the most important international trade fair for the food industry, agriculture and horticulture. The organizer of the ...

The results reveal a positive and significant association between solar PV deployment and agricultural productivity per worker (AGPC) (d 1), suggesting that a 10 % increase in solar PV is linked to a roughly 0.2

% rise in the off-grid renewable energy indicator the following year (column 8). Meanwhile, the agricultural output as a ratio of GDP ...

The agricultural sector is the largest employer in the Kyrgyz Republic, with about 40 percent of the labor force participating in this sector. And while it accounts for an estimated 7 percent of GDP, the second largest component of GDP, it is disorganized and undercapitalized, and the Kyrgyz food processing industry remains underdeveloped.

integration of solar PV and agricultural facilities, namely solar PV agriculture. As a new combination of solar PV power generation and agricultural facilities, solar PV agriculture has gained a rapid development in recent years in China. However, there still lacks of a mature business model to guide the solar PV agriculture promotion in China.

Thanks to agricultural PV, photovoltaics and photosynthesis are no longer in competition, but complementing each other. Extensive subsidies at a national level within the EU. European countries such as Germany and France subsidize agricultural PV with the aim of deploying more solar energy while reducing the competition for land use. Germany ...

The condition of agriculture in Kyrgyzstan is determined by the state's continuing control of production, marketing, and prices, as well as by the republic-wide specialization mandated by the former Soviet Union to promote interdependence among the republics. In the 1990s, most agricultural production continued to occur in the state farm and ...

According to the global trend of ground-mounted PV power generation plants, the demand for solar power plant land construction will increase, resulting in increased competition for agricultural lands and forest invasion, affecting food security and national forest resources (Evans et al., 2022). To address the aforementioned issues, agrivoltaic systems were proposed.

In Kyrgyzstan, agriculture is not only part of the economy, but also a way of life for a significant part of the population. The country is considered agrarian, but the agricultural sector has not been able to achieve stable positive dynamics. For example, its share in the country's GDP in 2023 was about 10%, and ten years ago this figure was ...

The World Bank's new 2024-2028 Country Partnership Framework for the Kyrgyz Republic prioritizes energy, water, and agriculture as key sectors for building a climate resilient, ...

USAID works to improve food security and increase farmer's income levels in the Kyrgyz Republic. With a focus on smallholder farmers in the south of the country, we support rural advisory services, develop horticulture and livestock value ...

Agriculture plays a major role in the economy of the Kyrgyz Republic, a small, landlocked, mountainous

country in Central Asia. The National Development Strategy of the Kyrgyz ...

Agriculture in Kyrgyzstan is a significant sector of the economy. According to the CIA World Factbook, it comprises 18% of the total GDP and occupies 48% of the total labor force. Only 6.8% of the total land area is used for crop cultivation, but 44% of ...

An agriPV research project in Colorado, US. Image: Solar FlexRack/Werner Slocum, NREL. German developer Belectric sees potential in constructing PV plants on agricultural land as a means of ...

Double benefits of PV power generation and agriculture, forestry, animal husbandry and fishery can be obtained through comprehensive land use. PV power generation can not only help rural electrification at the consumer end, but also serve as a new pivot for rural revitalization, thus building beautiful countryside, developing a green economy ...

Netafim is the global leader in irrigation solutions for a sustainable agriculture. Discover Agri-PV (Agrivoltaics), the innovative dual-use solution combining agriculture and solar energy production. Learn how Netafim's expertise in precision irrigation, agronomic support, and sustainable energy systems can transform your farm with proven ...

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