

## THE UNIQUE NATURE OF GISSAR STATE RESERVE

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### ANNOTATION

In this article, the nature of the Gissar State Reserve of the Republic of Uzbekistan, which attracts tourists, about the diversity of plants and animals, their unique waterfalls, There are many unexplored caves in the Gissar State Reserve and it is possible to identify new and unique species of plants and animals that can be found in these caves.

**Keywords:** nature, Gissar, nature reserve, waterfall, Suvtushar, lake, animal, plant, population.

### АННОТАЦИЯ

В этой статье природа Гиссарского государственного заповедника Республики Узбекистан, привлекающая туристов, о разнообразии растений и животных, их уникальных водопадах, в Гиссарском государственном заповеднике много неисследованных пещер, и можно найти новые и уникальные виды растений и животных, которые можно найти в этих пещерах.

**Ключевые слова:** природа, Гиссар, заповедник, водопад, Сувтушар, озеро, животное, растение, население.

### INTRODUCTION

The Republic of Uzbekistan has always attracted foreign tourists with its unique beauty. Its beautiful high mountains and wide pasture hills are a clear example of this. There is such a beautiful place in Kashkadarya that anyone who visits it will fall in love with the beauty of this place.

Gissar State Reserve is located in the south-eastern part of Uzbekistan in the territory of Shakhrisabz, Yakkabag and Kamashi districts of Kashkadarya region on the western slopes of the Gissar mountain range at an altitude of 1750 m to 4421 m above sea level, it borders the Surkhandarya region in the southeast and the Republic of Tajikistan in the east.

Gissar State Reserve preserves natural complexes, typical plots in the south-eastern part of the mountain ranges, was organized to study the course of natural processes in them, as well as to preserve the endangered flora and fauna in the area.

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district, 16002.1 hectares in Yakkabag district, 14092 hectares are located in the Kamashi district, which is the largest nature reserve in Central Asia.

22276.6 hectares of the main ecotourism area are covered with pine and shrub forests, 24258.1 hectares are pastures, 107.0 hectares are rivers and lakes, 461.00 hectares are swamps, 3155 hectares are glaciers, 30258.0 hectares are rocks and ravines. The land area of the Gissar State Reserve is divided into Gilan, Tanxdarya, Miraki and Kyzylsu rivers.



Gissar State Reserve has a unique changing climate. The air temperature fluctuates rapidly. The geographical location of the reserve area in the terrain causes a change in wind direction. During the day the wind blows from the bottom up, ie towards the rocks, and at night it blows down from the mountain.

Currently, there are 13 villages with a population of about 31,000 around the reserve. The reserve has been exposed to strong anthropogenic factors for many years. For many years, people have been grazing cattle, hunting illegally, picking plants, logging and logging had a negative impact on the natural system of the reserve. Since the establishment of the reserve, the number of trees such as willow, walnut and spruce in the reserve has increased dramatically. We even see some trees over 1000 years old.

One of the conspicuous beauties of the reserve is the rivers and lakes that are located there. The largest water sources are the Aksu, Tankhaz and Kyzyl-darya rivers.

There are about 10 lakes in the reserve, including 3 small lakes in the Gilan section, 3 in the Miraki section, 1 in the Tankhazdarya section and 3 in the Kyzyl-Suu section. Most of the lakes have not been fully explored to date. Only some lakes have been determined in height, width and height above sea level.

Rivers, streams, and rivers flowing through the reserve form waterfalls of various shapes and forms. The most beautiful and high of them is Suvtushar waterfall.



This waterfall is located at an altitude of 2100 m above sea level and is 84 m high. The fact that Svtushar waterfall is located between high rocks and pine forests attracts nature lovers.

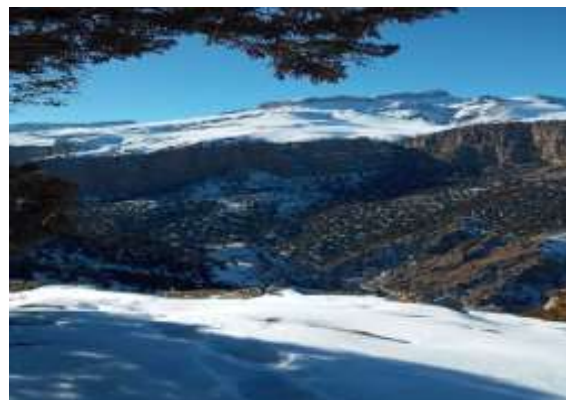
Another wonderful natural wonder is the Akqamar waterfall, located at an altitude of 3200 m in the Sarituz river in the Tankhazdarya section.

The height of the Akqamar waterfall is 1000 meters and is formed by melted snow, rain and springs in spring and summer. The great view of the waterfall is that with its playful movements touching the cut stones of the Sarituz stream, it jumps from top to bottom like a snake's footprint, while the water particles playing down from it moisten the endemic plants growing here.

Hokizburun waterfall is one of the waterfalls that create a natural beauty by adorning another nature reserve. Sharshara Qalai- On the right bank of the Sheron river, at an altitude of 2600 m above sea level, there are two, resembling the nose of a cow, consists of a height of 35 m emanating from a hole with a diameter of 75–80 m each.

In accordance with the Resolution of the Cabinet of Ministers of Uzbekistan dated February 18, 2020 No 94 "On measures to establish a protection zone of the Gissar State Reserve" in Kashkadarya region will be hung 4 new tourist routes.

Hazrat Sultan Mountain, Svtushar Waterfall, dinosaur footprints and Amir Temur Cave sites will be transformed into a new tourist route.



The main purpose of the Gissar State Reserve of the Republic of Uzbekistan is to preserve the plant and animal species found in the reserve, to show the unique beauty of the reserve to visiting tourists and to preserve the original beauty of the reserve.

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