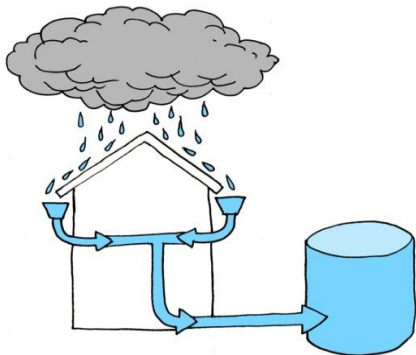


CASE STUDY: Through Climadapt, rain water harvesting helps Tajik households achieve more efficient use of water in rural areas of Tajikistan



Extremely hot summer days in the southern regions of Tajikistan, in particular in the Khuroson, Nosiri Khusrav, Shahrituz and other districts, usually cause a sharp decline in the underground water supply and groundwater table. This disrupts the water supply for daily household and farming activities. A possible solution would be to capture and store water from the irregular heavy rains that occur in the region.

Turning to Climadapt, residential householder owner Ms. Kosimova decided to construct a rain water reservoir. Despite the relatively small amount of the investment, its utility should not be underestimated. With an investment of USD 900, the client was able to build a 9,000 litre reservoir. The collected water will be for domestic use, and partially for cattle breeding.



The Company

Main activities

Household, also engaged in cattle breeding

Region

Khuroson District, Southern Tajikistan

Project Goals & Main Investments

Project Goals

The Project aims to:

- Create an additional source of water for domestic use
- Conserve and more efficient use of water

Main Investments

- Construction of a metal and concrete water reservoir of 9000 liters in volume.

Investment Size

- Approximately USD 900

Results of the Project

Operational Results

- Water conservation capacity 9,000 liters.
- Equivalent of USD 200 annual savings.

Investment Profitability

- The payback period is about 4 years

