



## ECOSYSTEM-BASED ADAPTATION IN HIGH MOUNTAIN REGIONS OF CENTRAL ASIA

As of: October 2021

The impacts of climate change in the high mountain regions of Central Asia can be buffered by the regional ecosystems - but they are being increasingly threatened by soil degradation. The project tested approaches to ecosystem-based adaptation to climate change (EbA) in selected areas of Kyrgyzstan and Tajikistan, identifying institutional, administrative, economic, technical and information challenges in order to implement the best possible approaches. It also developed measures to facilitate the integration of EbA measures into political processes. Kazakhstan mainly participates in the supra-regional political dialogue of the project with the aim of disseminating the new approaches and integrating them into planning processes. The project's measures not only supported adaptation to the impacts of climate change, they contributed directly to the protection of biodiversity and to the conservation of ecosystems and natural carbon sinks.

### State of implementation/results

- Project completed.
- Feasibility study and vulnerability analysis, including identification of adaptation measures, for the Tigrovaya Balka Nature Reserve (Tajikistan/TJK) was carried out by the Michael Succow Foundation in cooperation with the local NGO CAMP Tabiat
- The methodology for climate-sensitive planning and implementation of adaptation measures for protected areas was presented in TJK in the context of the 60th anniversary of the Romit Biosphere Reserve
- A film on the topic "Global Climate Change: View (perspective) from Tajikistan" was produced. This film is especially designed to raise awareness among the local population and will be broadcast on national TV stations in the coming months
- The replication of the EBA methodology, including the identification of adaptation measures, was

## PROJECT DATA

### Country/Countries:

Kasachstan, Kirgisistan, Tadschikistan

### Implementing organisation:

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

### Political partner(s):

- Committee for Environmental Protection - Tajikistan
- Ministry of Energy - Kazakhstan
- State Agency on Environment Protection and Forestry - Kyrgyzstan

### Implementing partner(s):

- CAMP Alatoo - Kyrgyzstan
- Michael-Succow-Foundation / Michael Succow Stiftung

### BMU grant:

€ 6,500,000

### Duration:

05/2015 till 12/2020

### Website(s):

<http://www.giz.de/en/worldwide/40944.html>





successfully carried out in cooperation with CAMP Alatau in the Shemonaikha Province of the Eastern Kazakh Oblast (Kazakhstan/KAZ)

- A workshop on access to climate financing was organised for alumni of the Leadership Programme (15 participants) in December 2019. At the same time, the alumni network was institutionalized into the existing GREEN expert network in Central Asia
- In TJK, a water supply system was installed in October 2019 and handed over to the village community in Siponj, which enables the reforestation of 4ha of slopes to protect them from landslides
- 16 experts of various organizations from Kyrgyzstan (KGZ), TJK and KAZ were trained as EbA facilitators in the application and implementation of the EbA method with local communities
- The methodology of the project for planning and implementation of EbA in the high mountain regions of Central Asia was set up as a "Full Solution" on the Panorama Solutions Platform and included as Best Practice in the Nairobi Programme of the UNFCCC (see link)
- Through the project, 75 ha were afforested and rehabilitated in TJK. In KGZ a forest area of 8 ha was preserved and/or managed more sustainably. By installing a watering place for livestock outside the forest in the pilot area, the pressure of use and browsing could be significantly reduced to 7 ha. One additional hectare was created as an agroforestry area for demonstration purposes.

