



USAID CENTRAL ASIA REGIONAL WATER AND VULNERABLE ENVIRONMENT ACTIVITY

GRANTS PROGRAM AND GRANTEE PROFILES

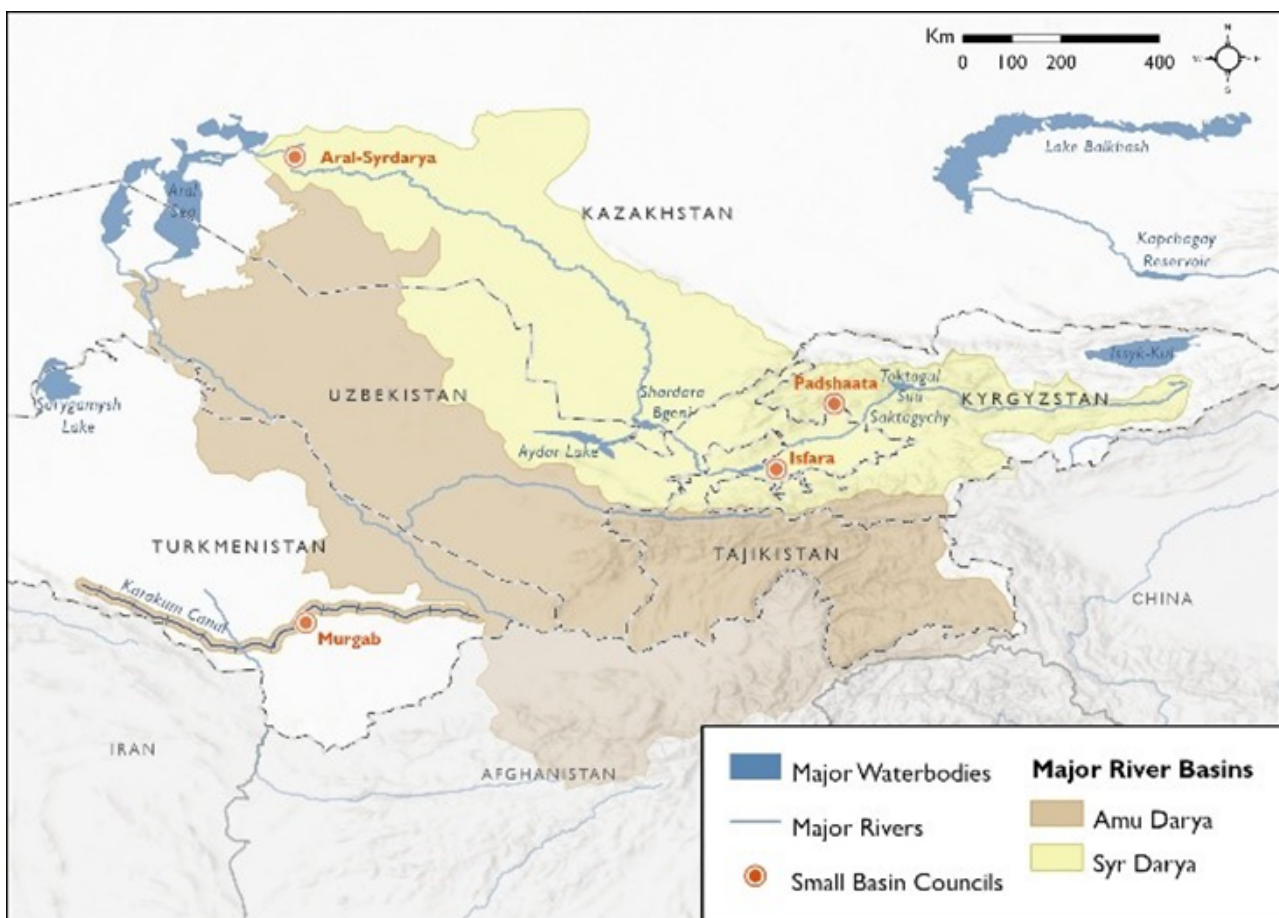
Amazing organizations throughout Central Asia,
dedicated to improving water management for today and future generations

This publication was made possible by assistance from the American people through the United States Agency for International Development (USAID). Tetra Tech is responsible for the content of this publication, which does not necessarily reflect the position of USAID or the U.S. Government.

USAID CENTRAL ASIA REGIONAL WATER AND VULNERABLE ENVIRONMENT ACTIVITY GRANTS PROGRAM

In 2021, USAID Central Asia's Regional Water and Vulnerable Environment Activity launched its grants program, which supports 16 projects throughout Central Asia at a cost of USD 1.5 million.

The purpose of the Activity is to strengthen technical capacity and regional cooperation on the management of shared water resources across Central Asia for improved stability, economic prosperity, and healthy ecosystems. The beneficiaries of this activity are the citizens of Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, and Uzbekistan living within the Syr Darya and Amu Darya river basins.



Specifically, the Activity is striving to achieve the following results:

1. Human capital and educational institutions that address both Integrated Water Resource Management (IWRM) and Water-Energy-Food-Ecosystem Nexus (WEFE Nexus) issues.
2. Promoting Basin Councils that are sustainable and promote cooperation for mutual economic benefit.
3. Regional and national initiatives that support transboundary water cooperation and address governance needs.
4. Actions that address regional and national environmental challenges.

Within the Activity, the grants program provides targeted funding to non-governmental organizations (NGOs), civil society organizations (CSOs), community-based organizations (CBOs), public international organizations (PIOs), private foundations and universities, research institutions, business associations, and private companies in Central Asia to improve water conservation and water management on multiple levels. Each Activity grant contributes to achieving one or more of the following cross-cutting objectives:

Capacity Building

To enhance the capacity of water professionals in Central Asia, two projects (in Kazakhstan and the Kyrgyz Republic) promote the implementation of Integrated Water Resources Management (IWRM), Water-Energy-Food-Ecosystems (WEFE) Nexus approach, and financial and economic mechanisms in water resources management.

Research and Learning

To generate actionable information and bridge the gap between science, policy, and decision-making in Uzbekistan, one grantee is developing an environmental impact assessment methodology that will be used to guide future water projects in that country.

Science, Technology, Innovation, and Partnership (STIP)

To increase efficiency, improved water resource management, STIP principles are being implemented through eight projects, including the introduction of low-cost water technologies in the Kyrgyz Republic, Tajikistan, and Uzbekistan; the development of an automated water metering system in Turkmenistan; a small lake dredger for enhanced water quality in Kazakhstan; an irrigation system geographic information system (GIS) database in Tajikistan; a drinking water billing system in the Kyrgyz Republic; and a web portal featuring water videos, facts, and a GIS map in Uzbekistan.

Private Sector Engagement

To expand the sphere of inclusion for improved water management, two grantees—in Tajikistan and Uzbekistan—are private sector companies working to promote innovation and foster productive partnerships with government and local communities.



Empowerment of Women, Youth, and Marginalized Communities

To ensure that all social groups, including women, youth, and marginalized communities, benefit from healthier ecosystems, eight grantees in all five Central Asian countries feature aspects aimed at fostering more equitable and inclusive water governance and decision-making.

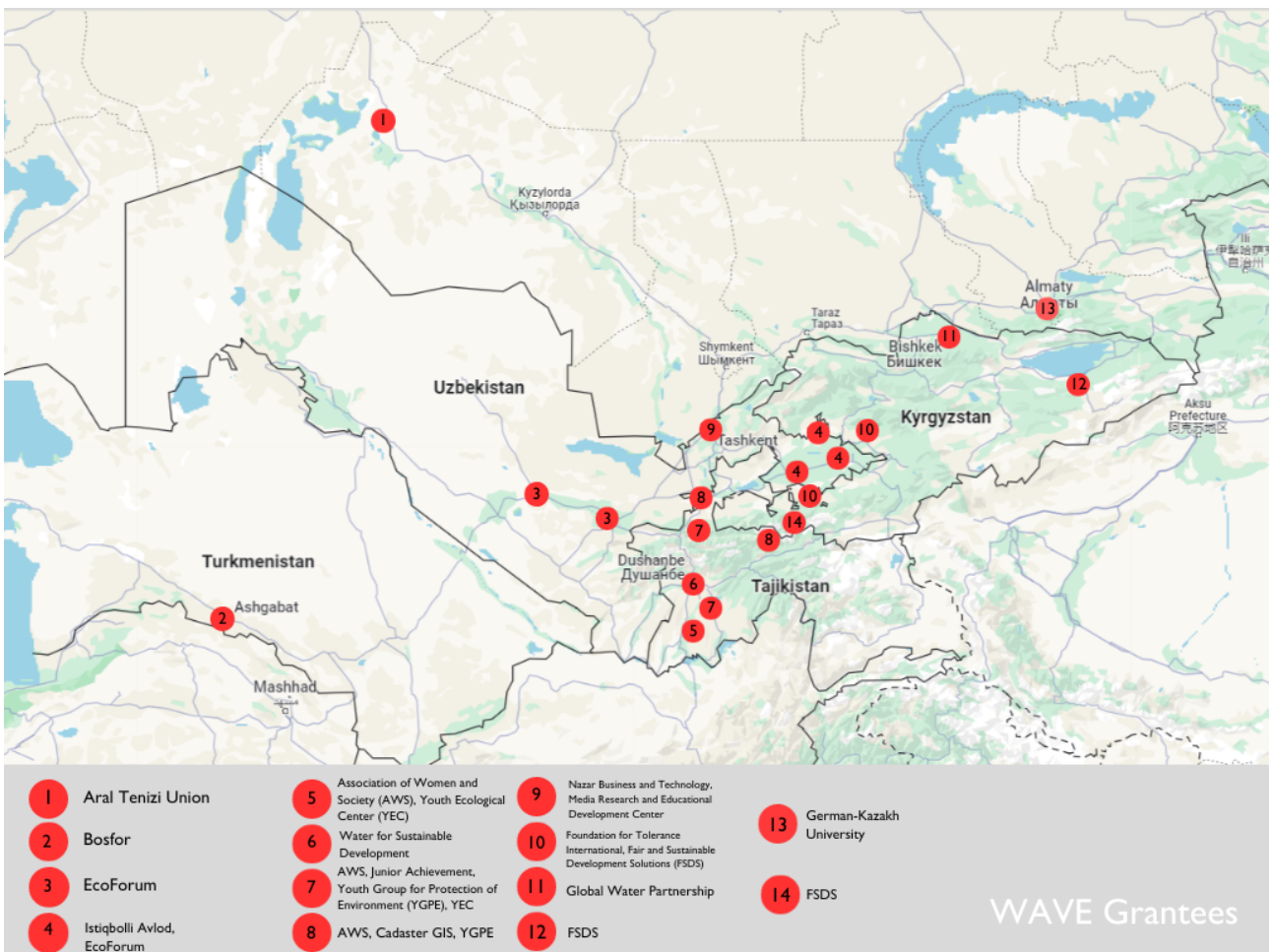


Social and Behavioral Change

To improve skills, knowledge and attitudes around water use and management, the Activity supports grantees who pursue objectives related to social and behavioral change at the individual, household, and community levels.



On the following pages, you will read more about the individual grants and the amazing organizations throughout Central Asia dedicated to improving water conservation and water management for today and future generations. Their work inspires many and sets an important foundation that will build climate resilience and ensure water security for the region while improving lives and livelihoods for millions.



Grant Amount: \$89,861

Grant Period: March 2022–October 2024

Country: Kazakhstan



GOAL

To protect and sustainably use the water resources of the Aral Sea by cleaning up water bodies, recycling garbage, and developing the capacity of local communities to protect the sea.

OBJECTIVES

- To improve the hydrological regime in water reservoirs of the Aral district, creating solid foundations for ecological restoration and economic and social development in the region.
- To support sustainable economic, social, and environmental activities in the Aral district through investment in waste management.
- To develop conservation skills and knowledge through education and information sharing.

RESULTS

- Cleaned 18 fishing areas and 14 deltaic lakes of the Small Aral Sea.
- Introduced ecological fishing nets.
- One hundred and seventy volunteers collected garbage from the Aral Sea.
- Established recycling center for waste and plastics, with two new jobs created.
- Provided training for 34 heads of fishing farms on improved use of water resources and compliance with the law.
- Educated 606 fishermen on water conservation and the dangers of traditional fishing nets.
- Shared information on improved water conservation with the Kyzylorda oblast water resource management department, fishing inspection, and akimat.

For more information, contact aicyltan.kz@mail.ru.

USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya River basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

USAID Central Asia's Regional Water and Vulnerable Environment Activity supported 16 projects (grants under contract) in all countries of Central Asia.

Facebook



Grant Amount: \$143,694

Grant Period: September 2022–November 2023

Country: Tajikistan

GOAL

To empower women and youth in rural areas of central and southwestern Tajikistan in effective management of water resources in the Kofarnigan River Basin (Amu Darya River, Tajikistan).

OBJECTIVES

- To assess the local context in the Kofarnigan River Basin of Amu Darya, Tajikistan, to identify impediments and obstacles preventing women and youth from having a more active role in water resource management.
- To update capacity building with women, youth and marginalized communities using the assessment results to improve skills and knowledge among these groups in regard to water resource management.
- To establish and accelerate Women's Forum of Kofarnigan River Basin (WFKRB) to activate the role and voice of women and youth in the region on water resource management.
- To promote knowledge and experience sharing between two women's fora—in the Amu Darya and Syr Darya River basins and to raise awareness among the local community, local stakeholders, educational institutions via informational sessions, and media deliverables.



RESULTS

- Conducted 36 focus discussion groups with participation of 400 people to identify key impact points for strengthening the role of women in decision-making on water resource management.
- Based on the findings, identified priority areas of support for women and youth identified, developed 5 educational modules, and conducted 8 trainings; in total, 180 people participated in the training, and knowledge and skills improved by 72 percent.
- Established the Women Forum of Kofarnigan River Basin (WFKRB) to activate the role and voice of women and youth in the region on water resources management; four Basin Women Forums of Kofarnigan River organized and presented the concept of WFKRB, recommendations of WFKRB to activate role of women and youth, and best practices during the New York (NY) Water Conference in 2023.
- Organized exchange visits between two Women Forums of Kofarnigan and Syrdarya River to share experience, knowledge, and information.
- Conducted awareness raising activities among the local community, local stakeholders, educational institutions via visits, informational sessions, river day celebrations, and information dissemination.

For more information, visit <https://www.aws-tj.org/>.

USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya River basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

USAID Central Asia's Regional Water and Vulnerable Environment Activity supported 16 projects (grants under contract) in all countries of Central Asia.



Grant Amount: \$148,357

Grant Period: March 2022–March 2023

Country: Tajikistan



GOAL

To promote effective management of water resources by developing a land irrigation geographic information system (GIS) and database for the Zafarabad district in the Sughd region of Tajikistan

OBJECTIVES

- To conduct inventory of water facilities, irrigation systems, GIS maps, and database in ESRI Arc GIS for 35 Water Users Associations (WUA) and the local Department of Melioration and Irrigation and to integrate this data into a unified GIS database for the Zafarabad district.
- To share knowledge on how to use the developed GIS and database with stakeholders at the local, national, and regional levels.

RESULTS

- Mobilized local stakeholders, partners, and working groups to carry out inventory of water facilities and irrigation systems, including 35 WUAs, the Department of Melioration and Irrigation, and farmers.
- Conducted water facilities and irrigation system inventory.
- Developed GIS and database for 35 WUAs and integrated that data into one united GIS and database for the Zafarabad district.
- Held trainings for stakeholders on using the GIS and database, including participants from WUAs and the local Department of Melioration and Irrigation.

The database and GIS for Zafarabod district will be used by the Tajikistan Ministry of Energy and Water Resources within the state's water sector digitalization program.

For more information, contact kurbonnazar@mail.ru.



Grant Amount: \$55,045

Grant Period: August 2022–July 2023

Country: Uzbekistan

GOAL

Increasing the capacity of local communities and non-governmental organizations (NGOs) to use affordable green technologies for water, energy, and agricultural production.

OBJECTIVES



- To conduct community needs assessments in the Andijan, Fergana, Namangan, Navoi, and Samarkhand regions of Uzbekistan.
- To implement six accessible and affordable green technologies and practices based on the needs assessments.
- To educate local communities on the use and production of affordable green technologies/practices and to build the capacity of NGOs to use these technologies and train future users.

RESULTS



- Held community needs assessments at selected locations in the six regions to identify technologies best suited for each locale.
- Assembled/constructed six identified green technologies, including:
 - Gairat (Namangan region, Uychi district) – solar water heaters and solar box ovens.
 - Nurafshon (Andijan region, Buston district) – irrigation methods (e.g., plastic and clay tanks, condensing compressors).
 - Yangikurgan (Fergana region, Buvayda district) – drinking water purification and desalination methods.
 - Kokand (Fergana region) – methods to maintain soil moisture (e.g., mulching, hydrogels).
 - Birlik (Navoi region, Konimeh district) – parabolic solar concentrated oven.
 - Juma area (Samarkand region) – hydraulic water pump that works without electricity based on hydraulic pressure.
- Organized 6 training courses in the communities to train 123 people on assembly and use of elected technologies.
- Held summer school for 20 representatives from NGOs to disseminate knowledge on green technologies and exchange experiences to ensure the sustainability of the project.



For more information, visit www.ecoforum.uz.

USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya River basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

USAID Central Asia's Regional Water and Vulnerable Environment Activity supported 16 projects (grants under contract) in all countries of Central Asia.

Facebook



Grantee Fact Sheet

Fair and Sustainable Development Solutions

Grant Amount: \$59,652

Grant Period: December 2022–November 2023

Country: Kyrgyz Republic



GOAL

To improve existing drinking water management systems in seven target rural areas in the Kyrgyz Republic through capacity building, fair pricing, and rational use of drinking water via implementation of an automated billing payment system.

OBJECTIVES

- To develop capacity development in seven Rural Public Associations of Consumers of Drinking Water (RPACDW) and staff of the Department of Drinking Water Supply and Sanitation (DDWSS) through education and training for improving the existing water management system.
- To implement fair pricing and rational use of drinking water via an automated billing payment system.
- To empower women, youth, and marginalized groups in decision-making processes for drinking water use.

RESULTS

- Increased capacity of RPACDW staff to set water tariffs and improve efficient distribution and water conservation, including transparency, accountability mechanisms in water management, and organizational sustainability.
- Increased capacity of DDWSS staff to calculate water tariffs through an automated billing system and efficient cooperation with RPACDW.
- Conducted needs assessment in seven villages.
- Created seven women/youth activist groups to enhance the participation of women, youth, and marginalized communities in socially important activities of water sector.
- Improved knowledge on civic identity, civic participation, and leadership in the water sector of more than 100 members of initiative groups via a 3-day workshop.

For more information, visit www.fsds.kg.



Grant Amount: \$104,499

Grant Period: March 2022–September 2023

Country: Kyrgyz Republic



GOAL

To develop and pilot test training materials on economic and financial aspects of water resource and water facilities management in Central Asia.

OBJECTIVES

- To develop training modules on economic and financial aspects of water management.
- To train potential instructors on how to teach modules.
- To pilot test the training modules and finalize the documents based on results.
- To disseminate project results.

RESULTS

- Developed and piloted nine training modules via five elective courses among undergraduate and graduate students and four short-term training courses for water sector specialists.
- Trained five teachers to use education modules and improved their teaching skills.
- Seventy-three undergraduate and graduate students attended five elective courses and improved their knowledge.
- One hundred professional specialists participated in short-term courses and improved their capacity.
- Finalized nine educational modules based on pilot testing results.
- More than 70 participants from Central Asia attended the regional conference for the presentation and dissemination of project results.

For more information, contact kasiet-mka@mail.ru.

USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya River basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

USAID Central Asia's Regional Water and Vulnerable Environment Activity supported 16 projects (grants under contract) in all countries of Central Asia.



Grant Amount: \$21,952

Grant Period: August 2022–November 2022

Country: Tajikistan



GOAL

To promote economic development and entrepreneurship in the Sudj region of Tajikistan

OBJECTIVES

- To improve operations of the Syrdarya River Basin Council (SRBC) by teaching its members about improved water conservation and sustainable use.

RESULTS

- Assessed SRBC knowledge on concepts of Integrated Water Resource Management (IWRM).
- Provided training on IWRM principles to Basin Council members.
- Organized field study tours of the Syrdarya River basin for the SRBC to develop first-hand appreciation of challenges and opportunities for improved water conservation and governance.
- Shared information about IWRM at the community level through printed materials and local media.
- Thirty members of SRBC (23 percent women, 30 percent youth) participated in a 6-day field study of 6 sub-basins: Asht-Syrdarya, Hodjaborkirgan-Aksu-Isfana, Isfara; Istaravshan; Match-Syrdarya, and Somgar-Mirzorobot.
- Distributed 600 brochures on IWRM to local stakeholders and published a half-page article on water conservation in the Sogdian Truth magazine.
- Sub-basin tour for SRBC members featured in a local TV news segment.
- All 30 participating SRBC members' knowledge of IWRM principles improved by an average of 36 percent based on pre- and post-training evaluations (target goal of 24 of 30).

For more information, contact jatajikistan18@gmail.com.



Grant Amount: \$135,806

Grant Period: December 2021–February 2023

Country: Tajikistan

GOAL

To contribute to strengthening capacity and support mutual learning across watersheds, sectors, and states, thus facilitating the experience exchange and cooperation among five countries in Central Asia.

OBJECTIVES

- To improve knowledge among state government representatives throughout Central Asia on the Water-Energy-Food-Ecosystem Nexus (WEFE Nexus) approach.
- To strengthen regional cooperation around WEFE Nexus issues.



RESULTS

- Developed a learning methodology for WEFE Nexus assessment.
- Developed six case studies for applying the WEFE Nexus approach for Central Asia.
- Conducted 5 training of trainers (ToT) sessions on teaching the WEFE Nexus approach to more than 130 participants in Central Asian countries.
- Organized a regional seminar on the WEFE Nexus approach for approximately 80 participants from Central Asian countries.
- Signed memoranda of cooperation with the Academy of Public Administration under the President of the Kyrgyz Republic and the Tajik Agrarian University named after Sh. Shotemur.
- Developed an open online course on WEFE Nexus assessment, now available to students at all Central Asian universities and for specialists in all WEFE Nexus related fields: <https://edu.dku.kz/course/view.php?id=4>



For more information, visit <https://dku.kz/en/mainpage/index/>.

USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya River basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

USAID Central Asia's Regional Water and Vulnerable Environment Activity supported 16 projects (grants under contract) in all countries of Central Asia.



Grant Amount: \$56,306

Grant Period: January 2023–March 2024

Country: Uzbekistan



GOAL

To increase the activity and potential of young people to develop a curious attitude toward water resources and the environment by creating and promoting innovative visual content.

OBJECTIVES

- To determine the level of interest and involvement of young people regarding water issues and the potential for visual content to influence social behavior toward water in everyday life.
- To develop skills of young people and a collaborative approach to promote problem solving with regard to water resource management and environmental protection.
- To develop innovative web resources with geographic information systems (GIS) maps for publishing photos and short stories on water and environmental issues to generate discussion and knowledge exchange.

RESULTS

- Developed survey methodology.
- Produced analytical report with visual data on a survey among the population of different ages.
- Surveyed 100 people.
- Provided 2-day training for 150 young people to improve their skills in creating photo stories and collecting photo facts about water resources and the environment.
- Provided 1-day training for 16 young people in water resources and environmental protection to improve their knowledge of water issues.
- Organized Creative Youth Laboratory for 200 people to work with photo stories and preparation for publication.
- Created innovative web resource with GIS mapping to publish 100 photo stories.
- Web resource coverage viewed by 20,000 people; feedback and comments received from at least 300 people.

For more information, contact mediadatauz@gmail.com.



Grant Amount: \$56,151

Grant Period: July 2022–December 2023

Country: Uzbekistan



GOAL

To improve existing methodologies for assessing water management facilities' environmental impacts.

OBJECTIVES

- To conduct a literature review to formulate a problem statement.
- To analyze the risks and impacts associated with water management facilities currently outside the scope of environmental assessments in Uzbekistan.
- To write an improved methodology for environmental impact assessment (EIA) of water management facilities.

RESULTS

- Conducted analysis of national legislative and regulatory documents and scientific literature on EIAs.
- Conducted analysis of impacts and risks associated with water management facilities left outside the scope of EIAs.
- Developed an improved methodology for water management facilities EIAs in collaboration with local experts and stakeholders.
- On the basis of this document, the State Center of Ecological Expertise under the Ministry of Ecology and Environmental Protection has formed an EIA working group to adopt this methodology in Uzbekistan.
- Tashkent Institution for Irrigation and Agricultural Mechanization Engineers has agreed to use the updated EIA methodology in its related courses for university students.

For more information, visit <https://www.nbt.uz/>.

USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya River basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

USAID Central Asia's Regional Water and Vulnerable Environment Activity supported 16 projects (grants under contract) in all countries of Central Asia.

Facebook



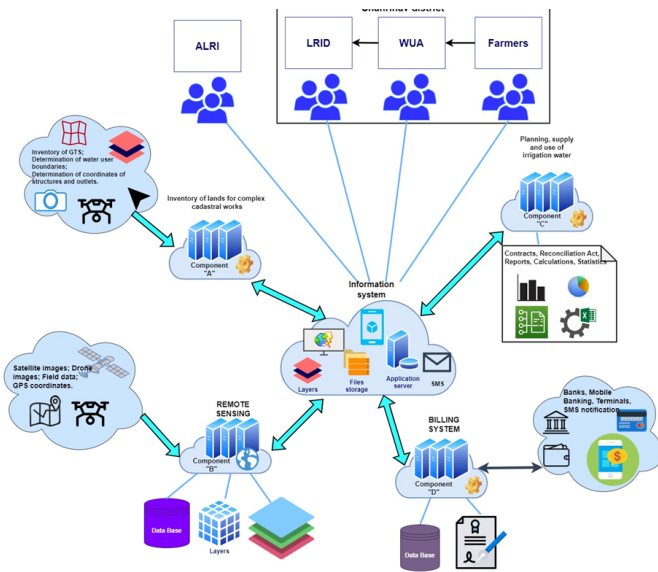
Grant Amount: \$99,985

Grant Period: December 2022–February 2024

Country: Tajikistan

GOAL

To improve irrigation management in the Shahrinav district of Tajikistan using an innovative geographic information system (GIS) platform to support water supply planning and water billing.



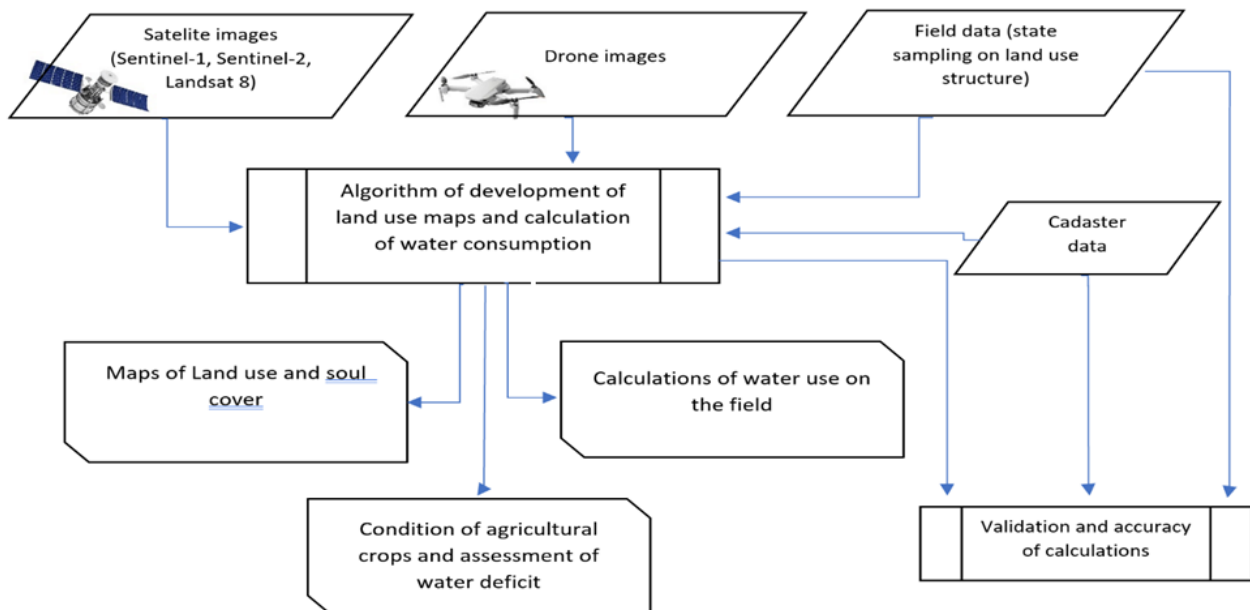
OBJECTIVES

- To create inventory of irrigation network infrastructure and determine water user boundaries using GIS.
- To develop electronic monitoring of water supply and distribution and to test the system on at least 100 farms.
- To develop a water billing system with a user geoportals that enables e-payment.

RESULTS

- Developed an inventory of water facilities, digital land cadastral maps, and geodatabase of irrigation infrastructure.
- Developed electronic mechanism of irrigation water supply and distribution.
- Developed billing system and geoportals.

For more information, contact obru.tj@mail.ru.



USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya River basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

USAID Central Asia's Regional Water and Vulnerable Environment Activity supported 16 projects (grants under contract) in all countries of Central Asia.



Grant Amount: \$74,275

Grant Period: December 2021–May 2023

Country: Tajikistan

GOAL

To improve the sustainability of water resources management in rural communities of the Kofarnigan River in Tajikistan.

OBJECTIVES

- To raise awareness among communities, farmers, rural women, and young people about more efficient water use for agriculture and households.
- To promote positive social and behavioral change in water use at community and village levels.
- To improve knowledge sharing on affordable water saving solutions in rural communities at national and regional levels.

RESULTS



- Developed training modules on affordable sustainable water use and water saving technologies.
- Developed a reference manual on available and affordable technologies and practices of effective water use and water conservation, which was distributed to farmers .
- Held 23 trainings on affordable water saving technologies for sustainable water use in 10 villages of 2 districts (i.e., Gissar, Kabodien); 410 community members took part in trainings, including 285 women and 125 men.
- Created a community demonstration site on effective water use technologies, water conservation, and local practical approaches in Kabodien district.
- Conducted water use needs assessments in 10 villages using the Participatory Rural Appraisal methodology.
- Developed 10 Community Action Plans (CAPs) to introduce inexpensive, scalable practical technologies and solutions for improving sustainable water use in rural areas
- Engaged 1,186 people (571 women) to develop the CAPs.
- Provided 120 examples of innovative technologies, practices, and experiences that can be used in local area.
- Created 10 videos for local communities to demonstrate best practices for efficient water use on rural farms.
- Developed 22 case studies that have been shared online at the Central Asian Climate Portal: <https://centralasiacclimateportal.org>
- Organized a roundtable in Dushanbe for 27 representatives from beneficiary groups, water sector experts, and non-governmental organizations (NGOs) to exchange information on best practices and discuss the project results.

For more information, visit <https://ecocentre.tj/>.

USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya River basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

USAID Central Asia's Regional Water and Vulnerable Environment Activity supported 16 projects (grants under contract) in all countries of Central Asia.

Facebook



Grant Amount: \$213,180

Grant Period: March 2022–June 2024

Country: Turkmenistan



GOAL

To create an efficient and transparent system of water use and distribution on the Karakum River and to raise awareness among water sector specialists and the local population about new technologies and approaches for rational water use.

OBJECTIVES

- To install a water monitoring system taking into consideration the norms of crop irrigation.
- To build capacity in the government and private sector for improved monitoring of water use and water conservation.

RESULTS

- Tested and installed water meters and associated software on the Karakum River.
- Produced four training materials on: 1) the technical use of the water monitoring system; 2) training for farmers on standards for irrigation use; 3) training for young farmers on business planning, crop rotation and water efficiency in agriculture; and 4) training of trainers (ToT) for women on agriculture and water management.
- Trained 10-15 people in each of 4 regions: Lebap, Mary, Akhal, and Balkan; in total, trained 160 people.
- Implemented water monitoring system on the Karakum River.

For more information, contact zalina.rossoshanskaya@bk.ru.





Foundation for Tolerance International (KG), Istiqbolli Avlod (UZ), Youth Group for Environmental Protection (TJ)

Foundation for Tolerance International

Grant Amount: \$75,368
Grant Period: August 2022–September 2023
Country: Kyrgyz Republic

Istiqbolli Avlod

Grant Amount: \$73,118
Grant Period: September 2022–November 2023
Country: Uzbekistan

Youth Group for Environmental Protection

Grant Amount: \$60,424
Grant Period: August 2022–September 2023
Country: Tajikistan



Green Patrols is a three-organization partnership in Central Asia that works with high school students to inspire interest in water issues and environmental stewardship.

GOAL

To strengthen the role of youth in adaptation to climate change and rational use of water resources through the organization of the youth environmental movement Green Patrols and promoting new social practices among school children, youth, and community members on the rational use of water resources in the Fergana Valley.

OBJECTIVES

- To develop and implement Green Patrols groups in 31 target schools in the Fergana Valley: Kyrgyz Republic (10), Tajikistan (6), Uzbekistan (15).
- To improve social practices around water use among residents in six regions of the Fergana Valley: Osh and Jalal-Abad (Kyrgyz Republic); Sugdh (Tajikistan); Andijan, Fergana, and Namangan (Uzbekistan).

RESULTS

Green Patrol movement:

- Developed the Green Patrol Manual and implemented the youth movement in 31 schools in the Fergana Valley.
- Conducted trainings for trainers (ToTs) for 51 teachers in the target schools.
- Formed 56 Green Patrol groups (20–25 students in each group) comprised of 1,181 students total.
- Conducted Green Patrol-led activities with fellow students (e.g., youth against plastic, a green technology competition, affordable water saving technology demonstration), implemented drip irrigation technology at 26 target schools, and provided drinking water tanks to 5 schools.
- Green Patrol members shared information on water issues and water saving technologies to more than 16,000 people in the Fergana Valley.

Water use practices among community members:

- Formed 14 initiative groups (IGs) to promote more efficient water use practices in local communities.
- Conducted trainings on water security, climate leadership, and public awareness campaigns; implemented drip irrigation and hydrogel technologies at 20 locations; and reached more than 15,000 people through public awareness campaigns.
- Developed best case studies of technology implementation among the three implementers, which they provided to local and national level state authorities with recommendations.
- Organized conference to share experience and project results.
- Published more than 80 posts on social media reaching more than 165,000 people.

USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya River basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

USAID Central Asia's Regional Water and Vulnerable Environment Activity supported 16 projects (grants under contract) in all countries of Central Asia.



Grantee Fact Sheet

Foundation for Tolerance International

Grant Amount: \$75,368

Grant Period: August 2022–September 2023

Country: Kyrgyz Republic



GOAL

To strengthen the role of youth in adapting to climate change and use of water resources through the organization of Green Patrols for promoting improved water use practices among youth and community.

OBJECTIVES

- To establish Green Patrols at 10 target schools.
- To improve water use practices among residents in four districts in the Osh and Djalal-Abad oblasts on the rational use of water resources.
- To share experiences, knowledge, and best practices among Green Patrol partners in the Kyrgyz Republic (Foundation for Tolerance International), Tajikistan (Youth Group for Environmental Protection), and Uzbekistan (Istiqbolli Avlod).

RESULTS

- Trained 20 teachers from ten target schools to develop Green Patrols groups.
- Established 10 Green Patrols in target schools for 500 students overall.
- Green Patrols of target schools successfully completed environmental education elective course.
- Implemented 10 best Green Patrols projects (drip irrigation technology) in 10 schools
- Developed water safety and rational use of water resources training of trainers (ToT) module.
- Initiative groups (IGs) consisting of 120 people formed in 6 communities to promote rational use of water resources.
- Provided training on outreach campaign facilitation to 120 members of IGs.
- Organized six pitching in six villages to promote affordable water saving technologies and practices among local community members.
- Implemented drip irrigation and hydrogel technologies in six target communities.
- Improved water conservation information distributed to 8,000 residents through a public awareness campaign.
- Developed analytical note with recommendations and submitted to the state authorities, including the Ministry of Education and Science, the Ministry of Agriculture, and office of the Prime Minister of the Kyrgyz Republic.
- Published final digest, including best practices from three Green Patrols project partners (i.e., Kyrgyz Republic, Tajikistan, Uzbekistan).

For more information, visit <http://fti.org.kg>.

USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya River basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

USAID Central Asia's Regional Water and Vulnerable Environment Activity supported 16 projects (grants under contract) in all countries of Central Asia.



Grant Amount: \$73,118

Grant Period: August 2022–August 2023

Country: Uzbekistan



GOAL

To strengthen the role of youth in adapting to climate change and rational use of water resources through the organization of Green Patrols for promoting improved water use practices among youth and community.

OBJECTIVES

- To establish Green Patrols at 15 target schools.
- To improve water use practices among residents in the Andijan, Fergana, and Namangan districts.
- To share experiences, knowledge, and best practices among Green Patrol partners in the Kyrgyz Republic (Foundation for Tolerance International) and Tajikistan (Youth Group for Environmental Protection).

RESULTS

- Trained 24 teachers from 15 target schools to develop Green Patrol groups.
- Established 15 Green Patrols in target schools for 480 students overall.
- Organized master classes for 24 teachers using the Green Patrol Movement manual.
- At least 480 students from 15 target schools participated in a competition on adaptation to climate change, rational use, and access to water resources.
- Organized outreach events in 15 target villages (for 120 residents total).
- Distributed improved water conservation information to 10,000 residents.
- Implemented 12 innovative and affordable practices/solutions/technologies at target schools and target communities; distributed 20 informational publications (e.g., blogs, social media posts) on the results of water conservation innovation solutions.
- Developed training of trainers (ToT) water safety and rational use of water resources ToT module.
- Provided training on outreach campaign facilitation to 120 people.
- Published a final digest, including best practices from three Green Patrols project partners (Kyrgyz Republic, Tajikistan, Uzbekistan).

For more information, visit <https://istiqbolliavlod.uz/>.

USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya River basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

USAID Central Asia's Regional Water and Vulnerable Environment Activity supported 16 projects (grants under contract) in all countries of Central Asia.

Facebook



Grantee Fact Sheet

Youth Group for Environmental Protection

Grant Amount: \$60,424

Grant Period: August 2022–September 2023

Country: Tajikistan

GOAL

To strengthen the role of youth in adaptation to climate change and rational use of water resources through youth environmental groups (Green Patrols) and promoting social practices among school children, youth, and community members for improved water conservation.

OBJECTIVES

- To develop and implement Green Patrol movement at the target schools in Sughd region.
- To improve new social practices among residents of the three jamoats (local community) of the Sughd region on the rational use of water resources.
- To share experiences, knowledge, and best practices among Green Patrol partners in the Kyrgyz Republic (Foundation for Tolerance International) and Uzbekistan (Istiqbolli Avlod).



RESULTS

- Conducted training of trainers (ToT) on Green Patrol movement for seven teachers at selected schools.
- Formed Green Patrol groups in all targeted 6 schools, consisting of 137 members.
- Green Patrol members implemented activities such as Youth Against Plastic, in which schoolchildren collected more than 700 kilograms (kg) of plastic garbage and wastepaper; a Green Technology Contest among schools, of which 5 winners were provided 1,000 liter water tanks and public awareness campaigns for local schools and communities.
- Organized Festival Nature Lovers, where Green Patrols members presented their drawings, water saving technologies related demo models, etc.
- Organized summer school for the 30 best Green Patrols members on ecological journalism, water saving technologies, production of video materials on water topics, conducting public monitoring of water related activities, etc.
- Conducted climate leadership trainings for 24 community leaders and formed 10 initiative groups (IGs).
- IGs implemented technologies in six communities, including building greenhouses in six communities and installing three drip irrigation systems and water saving tanks.
- Published 43 posts on social media with coverage of more than 164,000 people and developed three videos.
- Jointly with its partners, namely FTI and Istiqbolli Avlod, developed a case study and analytical note with recommendations to the state authorities based on the project results; organized a final conference to share experience and information on the project success.

For more information, visit www.ygpe.tj.

USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya River basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

USAID Central Asia's Regional Water and Vulnerable Environment Activity supported 16 projects (grants under contract) in all countries of Central Asia.



USAID Central Asia's Regional Water and Vulnerable Environment Activity is focused on strengthening regional capacity to manage shared water resources and mitigating environmental risks in the Syr Darya and Amu Darya river basins. The Activity takes a multilevel approach to tackling complex regional water challenges by strengthening collaboration through stakeholder dialogues, developing a shared vision for integrated and sustainable river basin management using evidence and modeling, and fostering collaborative action across sectors and governance levels.

Facebook



USAID Central Asia's Regional Water and Environment Activity
050051, Almaty, Kazakhstan
210B Dostyk Avenue, BC Koktem Grand, 6th Floor, Office #4

ARD.WAVE.INFO@TETRATECH.COM