

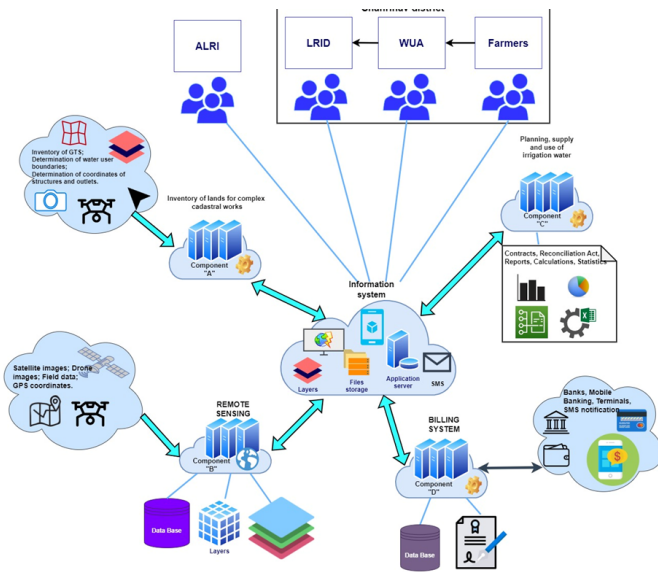
Grant Amount: \$99,985

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.



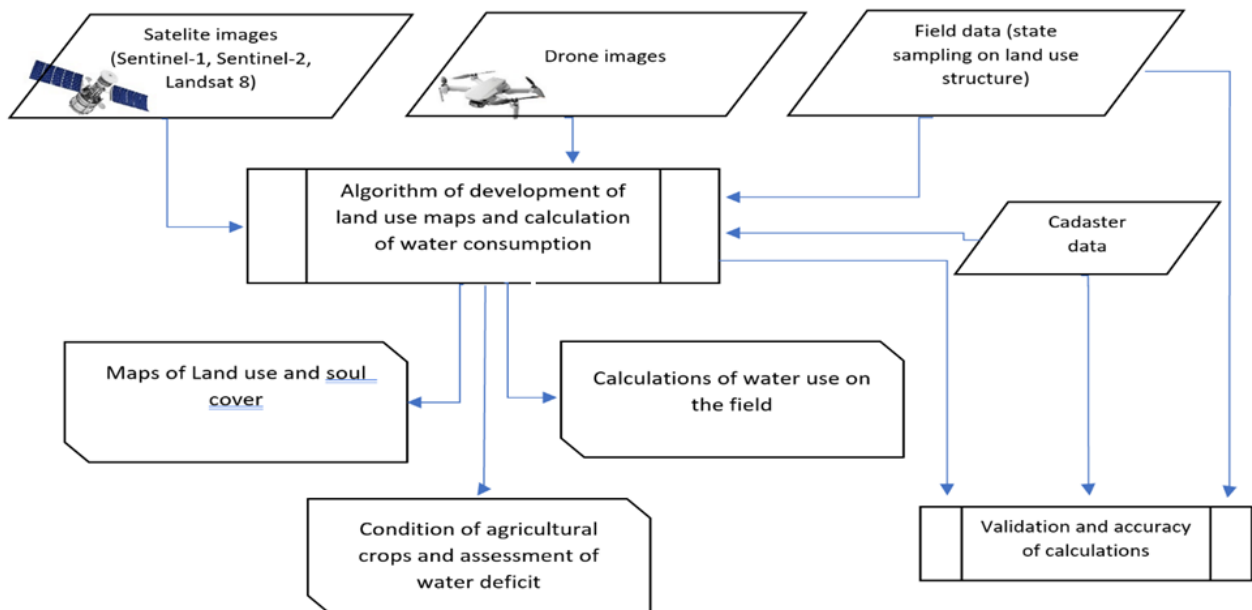
OBJECTIVES

- 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 geoportal 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 geoportal.

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.

