



The Project for Development of Innovative Climate Resilient Technologies for Monitoring and Controlling of Water Use Efficiency in Aral Sea Region (SATREPS)

PROJECT OVERVIEW

The project supports sustainable water resource management and climate resilience in the Aral Sea region of Uzbekistan. The project focuses on developing and applying innovative technologies for monitoring water use, improving irrigation efficiency, and strengthening water management practices in an area affected by severe water scarcity and climate change impacts. Through collaboration with Uzbek research institutions and relevant government agencies, the project promotes the use of digital technologies, data-based decision-making, and climate-resilient approaches to improve agricultural water management and support sustainable livelihoods in the region.

PROJECT OBJECTIVE

The project aims to develop and introduce innovative technologies for efficient water monitoring and management in the Aral Sea region to enhance climate resilience and promote sustainable use of land and limited water resources.

PROJECT OUTLINE



Project Duration

July 2022 - July 2027



Implementing Agency

Agency for Innovative Development, Research Institutes, Universities etc



Target Areas

Aral Sea region, Kaashkadarya region



Expected Impact

- ✓ Improved monitoring and management of agricultural water resources
- ✓ Enhanced climate resilience of agriculture and local communities in the Aral Sea region
- ✓ Contribution to environmental restoration and sustainable development in the Aral Sea region