

Achievements for January - December, 2006

Result 2: Developed WUAs allocating and delivering water in equitable and reliable manner using IWRM guidelines

The main achievements on WUA activities

1. The guideline on business-planning for WUA was proposed in order to implement sustainable functioning of WUA development, where WUA goals and objectives, current state of its infrastructure, the resume of start-up and existing business, features of marketing analysis and strategic planning, criteria of measures' effectiveness for WUA with illustration of business-plans' models by the example of WUAs «Akbarabad» and «Zhapalak» were reflected.

2. Alternative water distribution system was proposed taking into account the needs of water use organization for small farms– «The methodology on daily water use planning at WUA level». «The methodology» takes into account water of each water user independently of his proportions and resolves the objectives on rational water resources use by water users, equitable water distribution between water users according to crop irrigation schedule and reduction of unproductive water losses in WUA irrigation network.

Developed «Methodology» changes the approach to evaluation of water supply to water users, i.e. the evaluation is carried out not according to decadal irrigation indices but according to results of irrigations. It allows assessing and binding objectively water availability of farms, WUA activity and WMO.

3. Recommendations for execution of favorable legislation when WUA creating and functioning in the Republics of Uzbekistan, Tajikistan and Kyrgyzstan were developed.

The above mentioned recommendations were the basis of Acts on Water Users Associations adopted in Tajikistan and prepared in Uzbekistan.

Developed recommendations on resolving the problems related to WUA creation and functioning in the Republic of Uzbekistan were submitted to the Legislative Chamber of Oliy Majlis of the Republic of Uzbekistan, the Cabinet of Ministers of the Republic of Uzbekistan and MAWR of the Republic of Uzbekistan.

4. Criteria on evaluation of irrigated lands' reclamation state and technical condition of drainage systems were developed for WUA level, based on which plan of reclamation measures was made up for pilot WUA «Akbarabad» for short-term and long-term periods with expected results.

5. Recommendations on safe collector-drainage water use for irrigations of farms' lands serviced by WUA «Akbarabad» were developed.

6. Water use monitoring system was created, by which use of all water types in farms; water availability of WUA, its canals and water users; operative connection between WUA and WMO, between WUA and water users; water distribution equitability between water users, water supply sustainability by WMO to WUA were determined. Monitoring system in WUA allows adjusting operatively water supply dates and discharges in water supply schedules to water users.

7. The experience of «Akbarabad» and «Zarafshan» was disseminated to more than 60 WUAs created along SFC, KhBC and AAC through carrying out trainings locally for WUA managers and specialists, water management organizations, shirkat farms in various directions of WUA activity. 1200 persons (managers and specialists from three states of the region) were trained during Project Phase III (2005 – 2006).

The abovementioned main results are given in guidelines and manuals published and disseminated at trainings:

Guideline on irrigation water distribution at WUA level (in collaboration with IWMI).

Brief manual on preparing business-plan for WUA (in collaboration with IWMI).

Manual on water use monitoring for WUA.

Manual on water account for WUA.

Manual on planning and executing repair and reconstruction works for WUA.

Manual on resolving reclamation problems for WUA.

