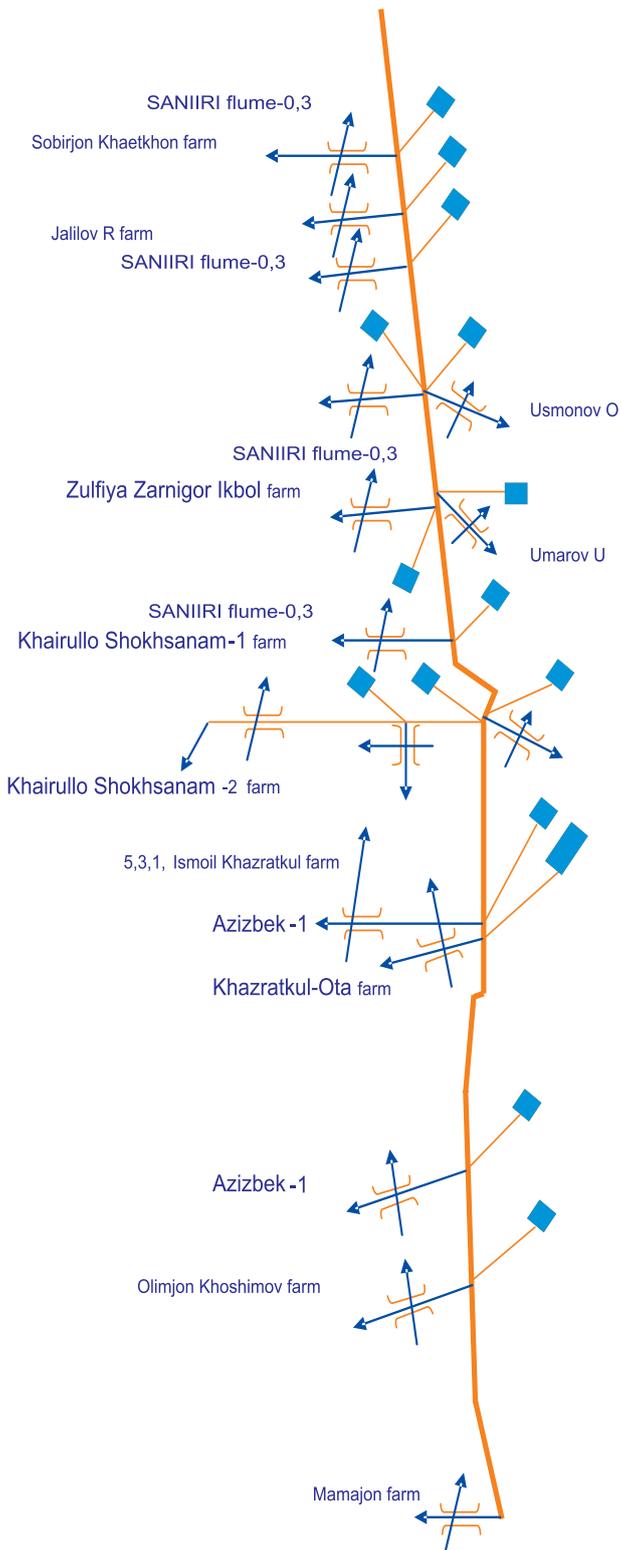


Reclamation matters in Water Users Associations

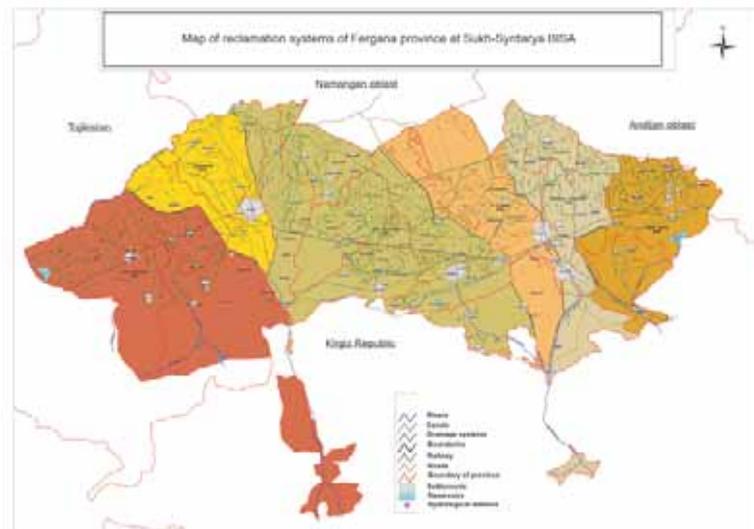
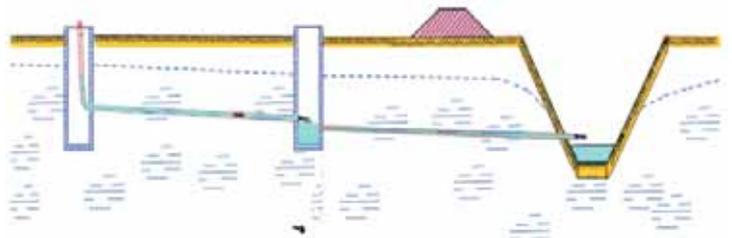
Linear layout of gauging stations and water users related to CDW-1 in WUA "Akbarabad"



Vertical drainage wells



Horizontal drainage pattern





Classification by solid residue as consistent with its type

Degree of soil salinity	Salinity - % of dry soil mass			
	sulphate-chloride	chloride - sulphate	chloride	sulphate
Non-saline	<0.2	<0.25	<0.15	<0.3
Low-saline	0.2-0.3	0.25-0.4	0.15-0.3	0.3-0.6
Medium-saline	0.3-0.6	0.4-0.7	0.3-0.5	0.6-1.0
High-saline	0.6-1.0	0.7-1.2	0.5-0.8	1.0-2.0
Alkaline lands	>1.0	>1.2	>0.8	>2.0

Acceptable average vegetation groundwater tables on irrigated lands of provinces in the Fergana Valley

№	Genetic type of relief	Types of soil	Soil content and bedrocks down to 4.0 m					
			Loamy sand and sand			loam, clay and stratified soil		
			Average vegetation groundwater tables (m) under mineralization, g/l					
			1-3	3-5	5-10	1-3	3-5	5-10
1	Sub-mountain plains	sierozem-automorphic zone	1.6-1.7	1.7-1.9	1.9-2.0	1.7-1.9	1.9-2.1	2.1-2.5
2	Intermountain plains	Meadow (hydromorphic and semi hydromorphic)	1.4-1.7	1.6-1.8		1.3-1.6	1.5-1.9	1.8-2.2



Criteria for degree of drainage evaluation and technical statute of drainage systems

№	Indicators	Efficiency of irrigation systems				
		0.6	0.65	0.7	0.75	0.8
1	Drainage module, l/sec/ha under management of GWT of 2-3 m	0.34	0.310	0.286	0.266	0.247
2	Required capacity of drainage	90	85	80	75	65
	a) horizontal drainage m/ha					
	Including field drains	75	70	65	60	50
	б) vertical drainage, number of drains КПС=0.85.	310	290	265	250	230
	Attended area	100	120	120	130	140
3	Resultant elements of water-salt balance	500-1500				
	a) water circle between aeration zone and ground water, m.					
	б) salt transmission between aeration zone and ground water, t/ha	from 3 up to 10				



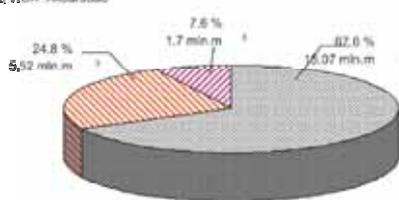
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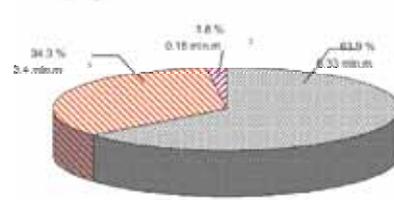
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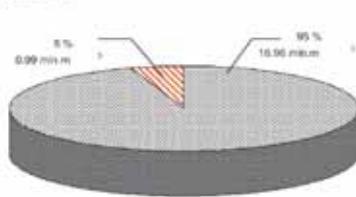
Kuvs district, WUA "Akbarobod"



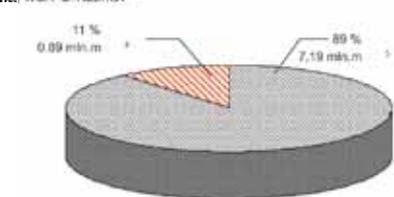
Abdullatibev district, WUA "Oltora Kirozobod"



Makhdum district, WUA "Mashal"



Bulakbasha district, WUA "S. Kasimov"



The percentage of collector-drainage water withdrawals from different sources within WUAs for vegetation 2008

