



## **Groundwater component in the Aral Sea water budget**

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The ground water inflow into the Aral Sea from the Quaraqalpokstan side is estimated based on hydrogeological studies of the newly dry bottom using a large number of driven wells performed in 1990-1997. The changes of the groundwater discharges into the Sea over the last 10 years are estimated from observations at the stationary Adzhibay and Muynak sections. The upper level ground water horizons and complexes are characterized. Long series of observations of the ground water table level and salt composition are analyzed for 3 stationary hydrological sections (Adzhibay, Akbulak and Muynak) and also some dug holes near Kulandy Peninsula. The spatial variability of the chemical composition of the ground water over the region is also characterized.