

4. Controlling water wastage of irrigation system by improving the “water management system” in a flood area – Charsadda, Pakistan

- Local partner: Shama Social Village Development Organization (#263)
Shama has been making efforts since 1991 to advance socio-economic development of the poorest people, to eradicate poverty and to maintain Sustainable Development Goals (SDGs) in rural areas in the District of Charsadda Kyber Pukhtoon Khwa (KPK). A JWF Fund 2020 recipient.
- Project budget: \$3,145 (JWF Fund: \$1,500, implementing organization: \$377, beneficiaries: \$1,268)
- Number of beneficiaries: 839 (260 men, 324 women, 255 children)
- Background:
The 2022 flooding in Pakistan caused major damage to the area’s irrigation systems and destroyed crude mud channels. In addition, 40 percent of water is being lost through holes in irrigation channels. By strengthening these channels with a water management system to control wastewater, we will be able to supply water to local small landowners/farmers who own between 4 and 20 *kanals* of land and barely support themselves and their families.



Current view of unlined water course



Current situation of water wastage on both sides of muddy, unlined channel.



Current situation of water wastage in a muddy channel

- Details of the project:
 - Construction of concrete channels, totaling 365m in length around small-scale farmland
 - 4 Meetings and linkage development between target farmers and the local irrigation department
 - Formation of Project Maintenance Committee for maintenance and repairs of the facilities
 - Establishment of a dedicated fund for maintenance and repairs