

Recipients of the JWF Fund 2021

5. Rehabilitation of existing groundwater recharge system in Thallykothanoor village, India

- Organization: Tamil Nadu Board of Rural Development (TNBRD) (#298)
- Country/Area: Thallykothanoor village, Tamil Nadu state, India
- Budget: USD 3,695 (JWF Fund: USD 1,500, contribution from TNBRD: USD 1,705 and beneficiaries: USD 490)
- Direct beneficiaries: 460 people (men: 180, women: 170 and children: 110)
- Background:

Because Thallykothanoor village is situated on sloping land, it suffers significant soil and water erosion. Water harvesting structures, including a check dam, a gabion structure, and a percolation pond were previously constructed in the area to conserve soil and water. These water storage structures are now more than 15 years old and poor maintenance is causing problems such as weed growth, silt deposition and deterioration of the surroundings. This interferes with the intended purpose of the facilities, as their water storage capacity is gradually decreasing



Existing check dam



Existing Percolation pond

- Main activities of the project: Inception meeting with stakeholders; establishing a watershed committee; conducting training on operations and maintenance with the committee; and rehabilitation and cleaning of the check dam, gabion structure and percolation pond
- Sustainability: The committee continues to maintain and monitor the structures.

JWF Fund 2021: Outlines of the project

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During the project



Rehabilitation of groundwater recharge system



Removal of unnecessary trees and excavation around the facility

After the project



Completion of groundwater recharge system



Awareness-raising activity among local people

Voices from the beneficiaries (Excerpt)



Mr. Rangannathan
(62 years old, farmer)

Thanks to the improvement of the facility, our flower growing environment was improved. We can now grow many more fresh flowers and the sale price per unit has also increased.



Mr. Sankarappa
(51 years old, committee leader)

I have a large family with twelve members. We couldn't make our living only from farming, so I worked as day laborer in a nearby town. Now that the groundwater recharge facility has been repaired, we can get enough water for our fields. So we can grow beans and tomatoes in addition to flowers. Moreover, I can provide work opportunities to farmers in my neighborhood by hiring them during harvest time.