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1. Land user increased the width and slope of existing ditch for easy flow of water. (/ : dry season)
2. Land user embanked the bank with stones on either side. (/ : dry season)
3. Stones are bind together by wires in some places. (/ : dry season)

| | | | () | () | % |
|---------------------------------------|----|-----|--------|---------------|-------|
| | | | | | |
| Increase the width and slope of ditch | ha | 1,0 | 941,17 | 941,17 | 100,0 |
| | | | | 941.17 | |
| | | | | 941.17 | |

n.a.

| Precipitation Range | Number of Stations |
|---------------------|--------------------|
| < 250 | 1 |
| 251-500 | 1 |
| 501-750 | 1 |
| 751-1,000 | 1 |
| 1,001-1,500 | 2 |
| 1,501-2,000 | 1 |
| 2,001-3,000 | 1 |
| 3,001-4,000 | 1 |
| > 4,000 | 1 |

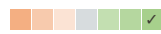
monsoon rain, dry winter
Thermal climate class: subtropics

| Size Category | Percentage |
|---------------|------------|
| 0-100 | 15% |
| 101-500 | 11-15% |
| 501-1,000 | 6-10% |
| 1,001-1,500 | 3-5% |
| 1,501-2,000 | 0-2% |
| 2,001-2,500 | |
| 2,501-3,000 | |
| 3,001-4,000 | |
| > 4,000 | |

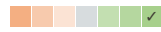
active participating people on land conservation.



water travel in fixed path

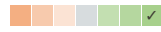


improved water way for passage of excess water

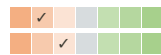


soil loss due to flooding is reduced

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the main benefits of this technology



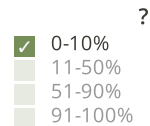
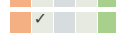
This technology is not a investment purpose. People used their own money to construct it.



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14 households in an area of 10 - 100 sq km (50 - 100 persons per sq km)



- Risk of downstream flood and landslide is reduced.
 - N/A
 - N/A N/A
- How can they be sustained / enhanced? If they had been more donation from government or any other projects, they would construct concrete or more flood resistance dams. As some parts are still unconstructed they would complete them with some more external support.
- Agriculture land get protected so they can plant the crop without being at risk.

- Proper water drainage system and water can get collected in the river following the fix path.

How can they be sustained / enhanced? Fodder plant could be grown on the stream banks which is now left and unused. This could be used to feed the animals and would also help to control flood and landslide.

- It reduced the risk of further land degradation by downstream flood.

How can they be sustained / enhanced? Dams can be made more strong by making concrete walls



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: 14

2014

: 3

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Bibhu Gautam - None
Anjuli Mulmi - None

https://qcat.wocat.net/km/wocat/technologies/view/technologies_1590/

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