

#erosion

#rocky ridge

## RESTORING DEGRADED LAND USING HAND-DUG TRENCHES

Structure : CARI



These trenches, dug in a staggered pattern perpendicular to the slope on moderately to steeply sloping terrain, help retain runoff water, thereby restoring woody and herbaceous vegetation on degraded soils

### Background

Technique developed in Niger as a complement to the half-moons and stone ridges located further downstream

Location: Niger and Burkina Faso

Effects of the technique Retains runoff water Slows the formation of gullies and scour channels Protects structures (half-moons, stone cordons, spillways, etc.) located downstream by slowing runoff Enhances the stability of steep slopes

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CARI Association: CARI, an international solidarity association founded in 1998, works with rural communities in the Saharan periphery. Our mission is to support small-scale agriculture to address food crises and promote the development of local communities, as well as to combat desertification and land degradation in arid zones.

## Liens

[https://www.cariassociation.org/wp-content/uploads/2023/09/FT\\_GTD\\_tranchees-manuelles\\_2024.pdf](https://www.cariassociation.org/wp-content/uploads/2023/09/FT_GTD_tranchees-manuelles_2024.pdf)

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