

Technology Fact Sheet  
**Covering steep lands with trees to prevent soil erosion and keep soil moisture<sup>i</sup>**

**1) Technology status**

Planting various types of trees in contour rows to retain moisture. Use sediment traps on steep terrain to prevent soil erosion.

**2) Social, economic and environmental benefits**

- Preventing soil erosion, ensuring soil porosity and increasing SOC.
- Retaining soil and soil moisture.
- Diversifying crop products.

**3) Application potential**

By 2020, planting trees on steep land to reduce soil erosion and retain soil moisture for about 2 million hectares of steep land in highlands and northern and northern central mountains. By 2030, on 2 million hectares of steep land in the Central Highland and the Southern Central Region.

**4) Barriers**

- Lack of a master plan for crops and crop structure.
- Not enough research on crop varieties.

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<sup>i</sup> **This fact sheet has been extracted from TNA Report - Mitigation for Vietnam. You can access the complete report from the TNA project website <http://tech-action.org/>**