

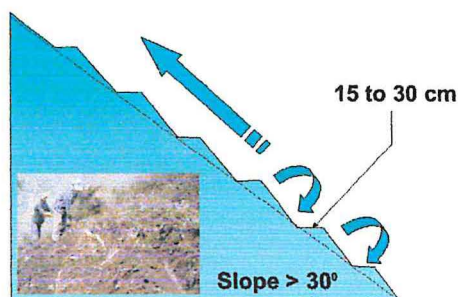
Mini-terraces

A system adapted to steep slopes

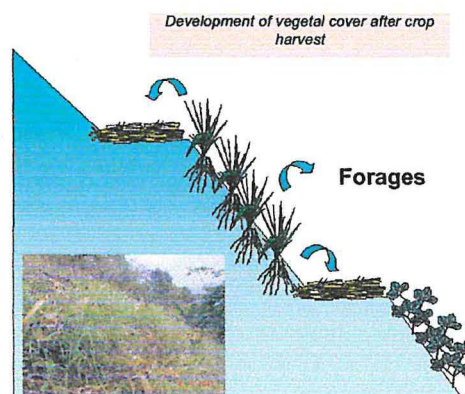
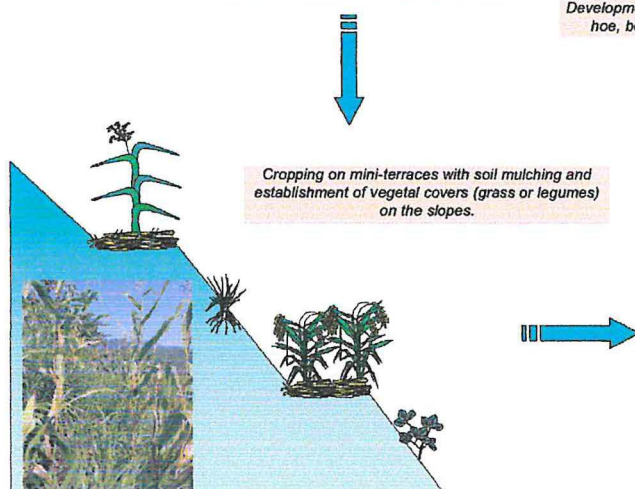
Ha Dinh Tuan (VASI)
Husson Olivier, Chabanne André,
Lienhard Pascal et Séguy Lucien
(CIRAD)

On very steep slopes (more than 30°), cropping conditions are extremely difficult and erosion is severe. A setting-up into mini-terraces allows to overcome these constraints.

Combined with cropping systems on vegetal cover, it is a sustainable alternative to traditional cropping systems.



Development of mini-terraces with a hoe, before the rainy season



Advantages

- ▶ Adapted and recommended for steep slopes.
- ▶ Erosion control.
- ▶ Forage production.
- ▶ Access to, and work in, fields eased.

Drawbacks

- ▶ High labour demand in the first year



Maize and Brachiaria ruziziensis on mini-terraces



Maize, Arachis pinto and mulch made of B. ruziziensis



Maize, mulch and Brachiaria ruziziensis regrowth

