

# 19. Landslide disaster control method with cribbing structure (steel cribbing)

Landslide disaster control method such as arresting movement of mountain stream soil deposition, bank erosion prevention, stabilization of slope, etc.

## ■ Merits

Ease in assembly and manpower reduction is possible, with versatile adaptation to uneven sediment sinking, etc. Stable steel cribbing structure



Sediment movement control



Soil retention work (surface greenery planting)



Mountain stream erosion prevention

Effective in landslide disaster control, such as arresting movement of mountain stream soil deposition, bank erosion prevention, spur stabilization, etc. Structure made of steel cribbing and broken stone used as filler to ensure water permeability.

## Applicable Sector

Standard applicable condition

Erosion control, Flood control, Road

## Features

1. Cribbing is easy to assemble and reduces manpower
  - 1) It has demonstrated excellence in short-term construction, such as in disaster recovery, etc.
  - 2) On-site work involves earthwork and assembly, filling and backfilling -- all work not needing large machinery and work done with small machines.
2. Outstanding flexibility
  - 1) The structure is flexible and adaptable to uneven sediment sinking to some extent.
  - 2) Joints are versatile and is able to adapt to topographical changes, such as in vertical slope.
3. Excellence in blending into scenery
  - 1) Local sediment and gravel can be used as filler and greenery can be planted on the surface.

## Track Record

In Japan : many records

## Cost

Refer to the under-mentioned contact section about details.

## Contact

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