

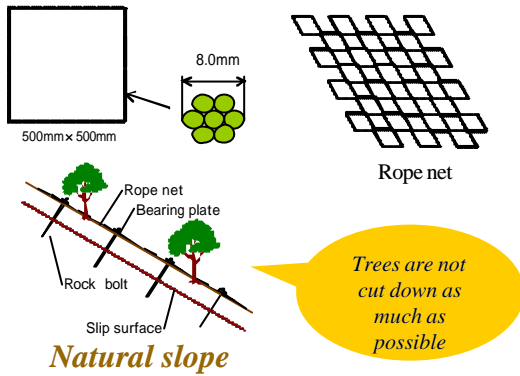
Stability Mechanism of Natural Slope Reinforcement Method by Rock Bolts and Rope Net

Concept

Characterizations

- Environmental preservation effect
- Forest preservation effect
- Slope stable effect
- Falling stone preservation effect
- Earthquake resistance
- Corrosive proof
- Construction nature

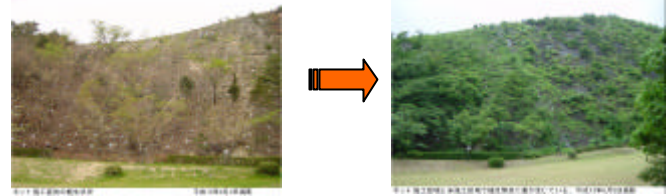
Outline of this method



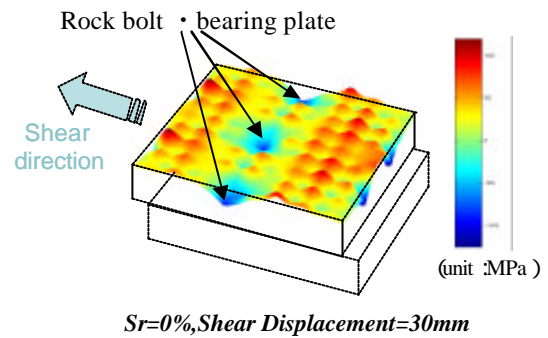
The recovery situation of vegetation

< Immediately after construction >

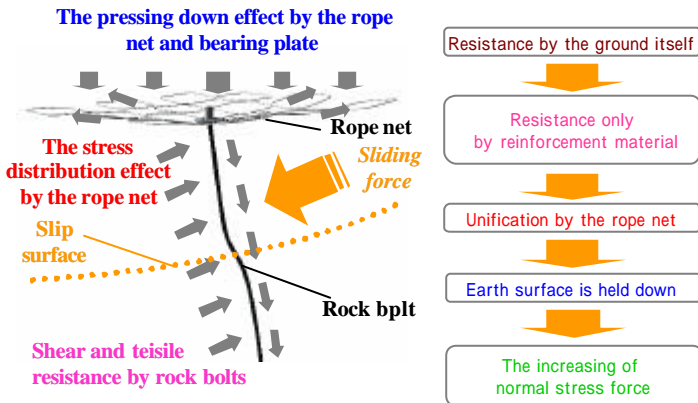
< Two months after >



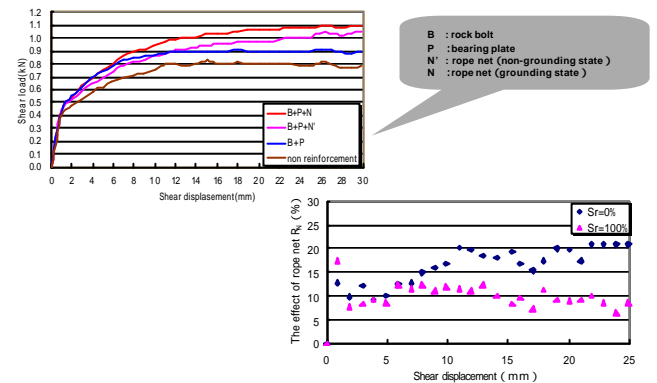
Stress distribution of rope net



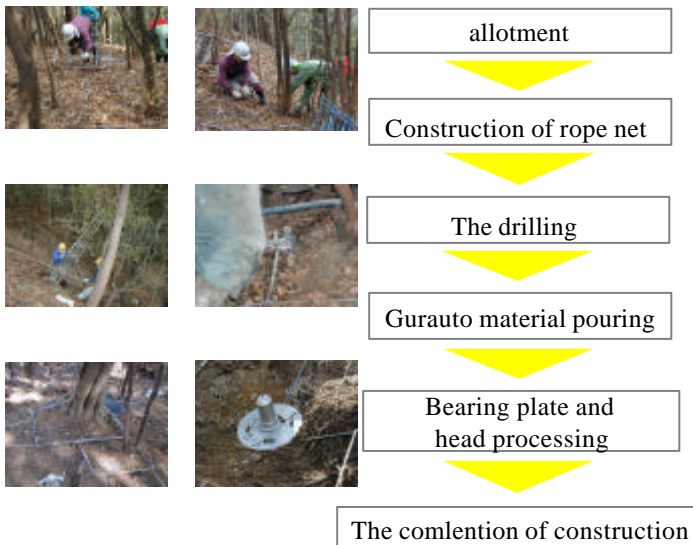
The reinforcement mechanism of this method



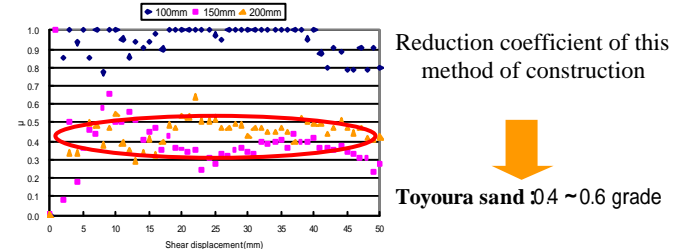
The reinforcement effect of rope net



Construction procedure



Reduction coefficient (μ)



FEM analysis

<The rate of partial safety>

