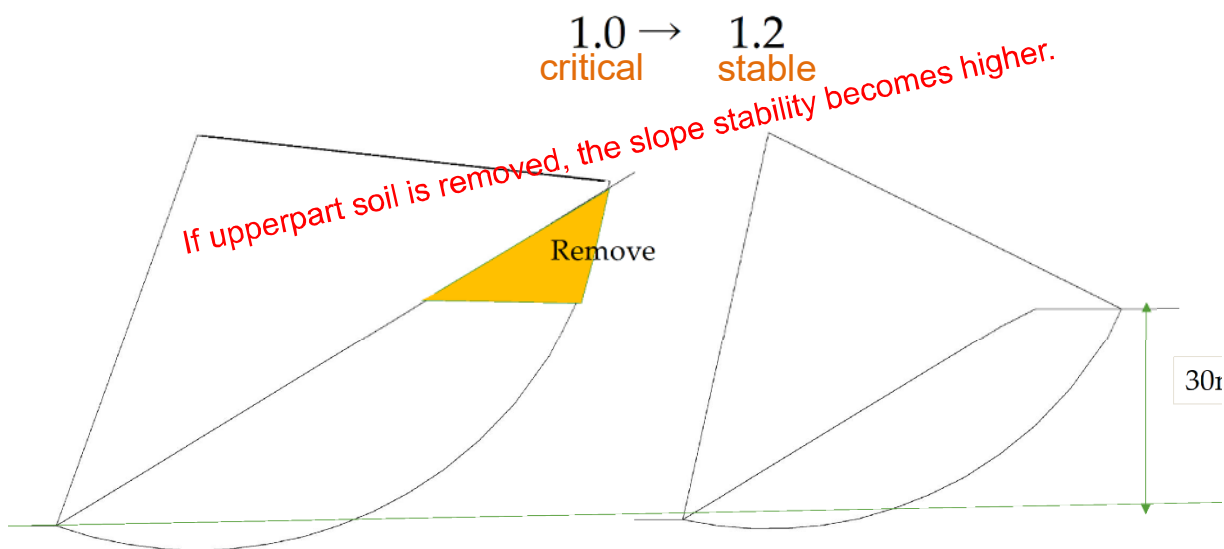


Slope Stability and Liquefaction Analysis Workshop by WT-4

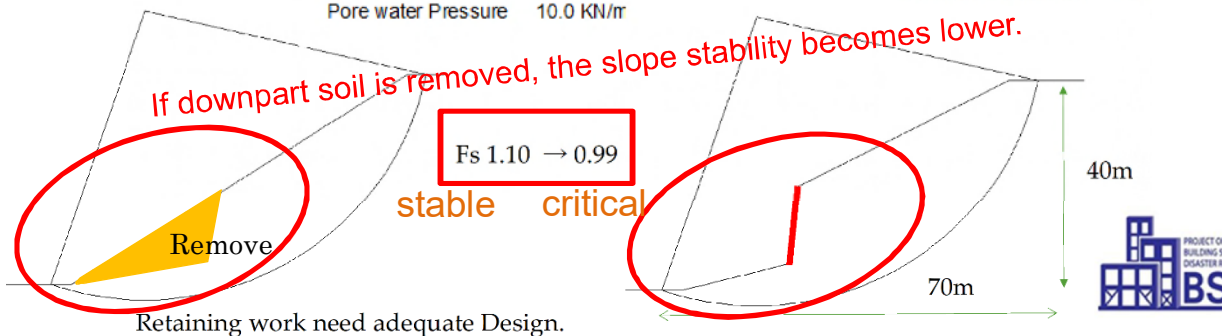
On 16th September 2019, Slope Stability and Liquefaction Analysis Workshop was held by Working Team-4 of BSPP. Because PWD has faced the problem of the slope stability and liquefaction analysis during their design and construction stages, and in future PWD will face them.

Especially slope stability annoys the PWD engineers in Chittagong area because the slope protections are quite costly. In this workshop, Japanese engineer and PWD engineers exchanged their knowledge, experience and information on slope stability and liquefaction analysis. And WT-4 becomes considering the slope stability and the liquefaction analysis with cost effectiveness.



Condition
 Density 18.0 kN/m³
 Friction Angle 16.0 degree
 Adhesive force 50.0 kN/m²
 Pore water Pressure 10.0 kN/m

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 Density 18.0 kN/m³
 Friction Angle 16.0 degree
 Adhesive force 50.0 kN/m²
 Pore water Pressure 10.0 kN/m²



Retaining work need adequate Design.

By the way, WT-4 has a plan to develop the handbook for foundation and geotechnical issues. In this handbook, Slope Stability, Liquefaction and Bearing Capacity will be described. Most of the contents are collected till term2 of BSPP.

In Term-3, the Working Team members will compile the contents including samples and issues to finalize the handbook. And considering the timing, WT-4 will hold the Workshops at several times.



Workshop on Slope Stability and Liquefaction Analysis by Working Team-4



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