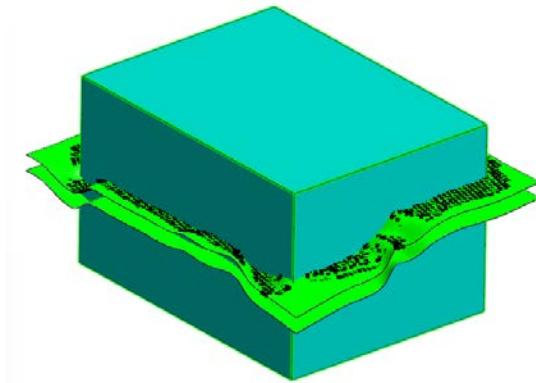
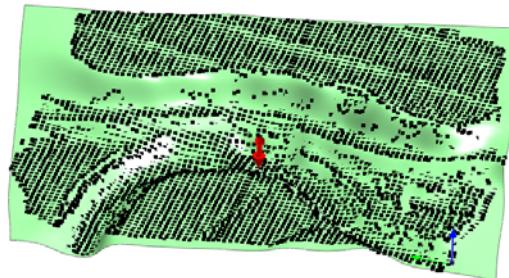


GTS NX

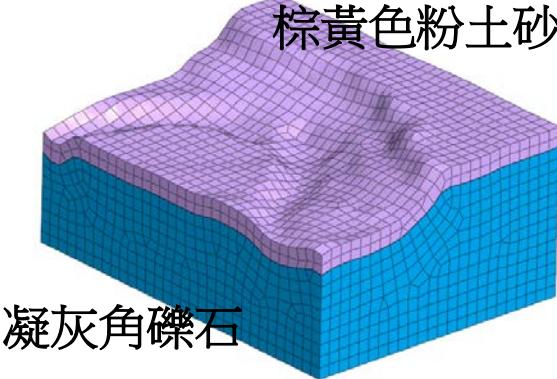
3D邊坡強降雨_滲流應力耦合分析

台灣邁達斯

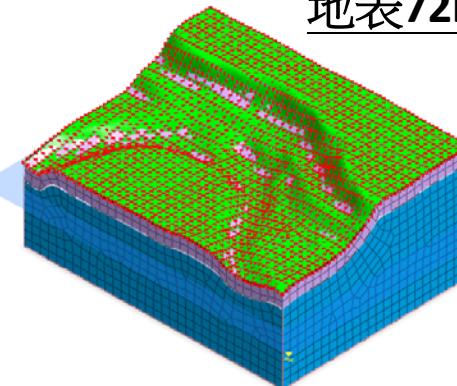
邊坡地表有限元素模型



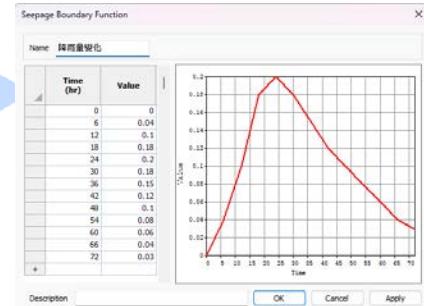
棕黃色粉土砂



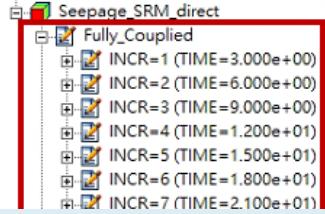
凝灰角礫石



地表72hr降雨定義



邊坡-滲流應力耦合直接法

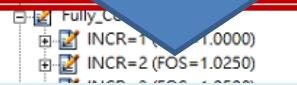


每一時間同時計算滲流+應力結果

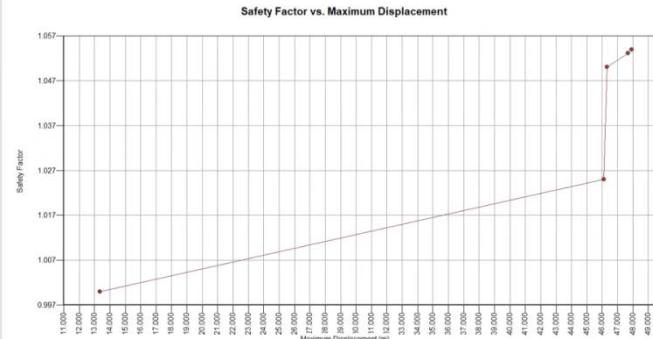
滲流-應力耦合分析結果
(每次滲流同時計算應力分布)



使用最後一時間步結果計算SRM



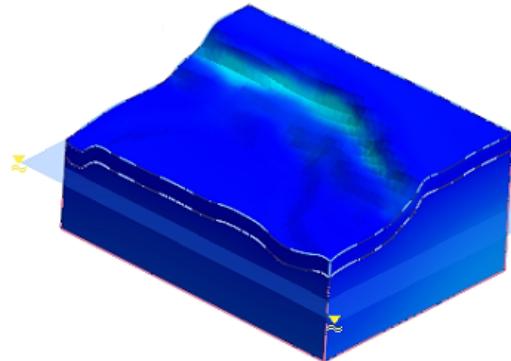
SRM分析結果



邊坡SRM 計算

平時(未降雨)

SRM安全係數1
Shear Strain



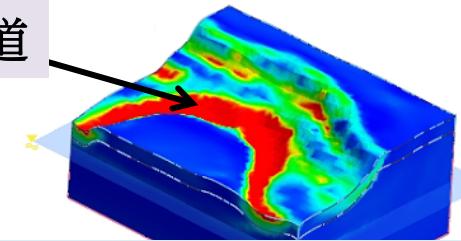
Shear Strain Maximum :0.2462



連續降雨72hr(直接法)

SRM安全係數1
Shear Strain

河道



連續強降雨過程直接造成破壞

Shear Strain Maximum :4.39918

