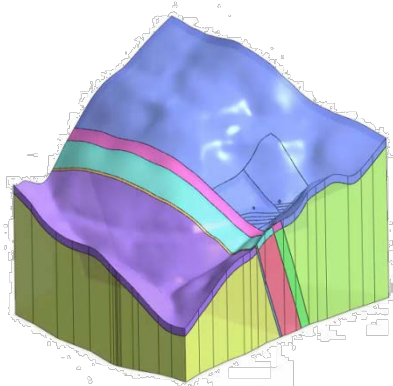


GTS NX-3D分析

連續降雨後邊坡地下水位變化

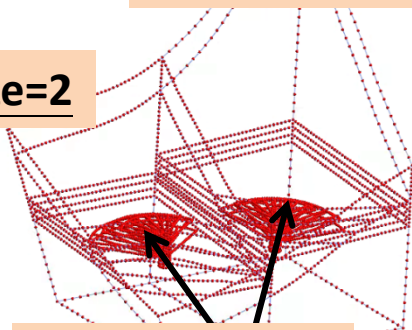
台灣邁達斯

邊坡地形+集水管&降水井(有限元素模型)



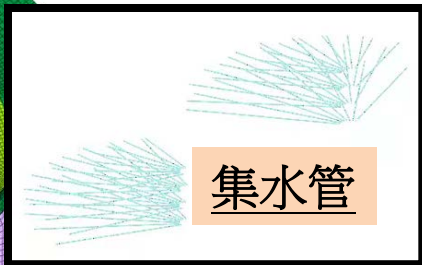
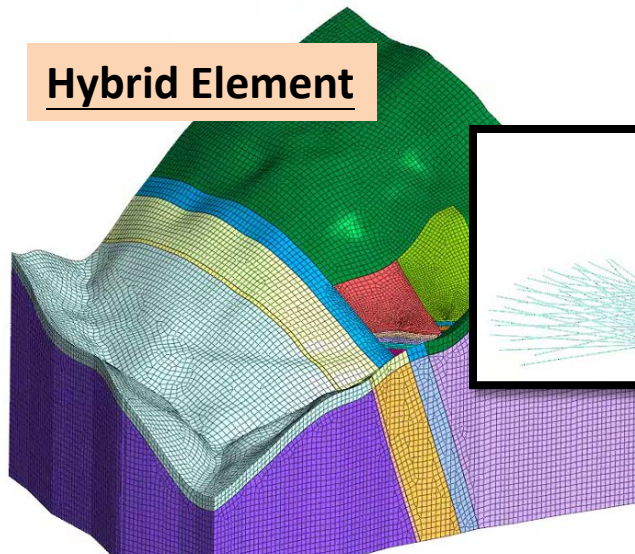
Element Size=4

Element Size=2



Element Size=1

Hybrid Element

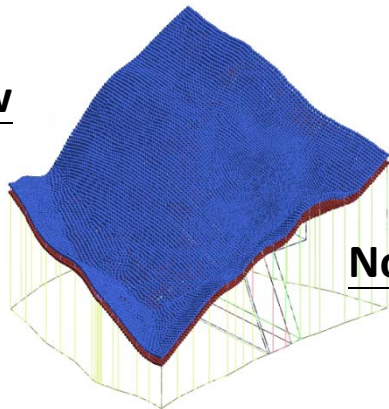


集水管

G:[30] N:[322492] E:[488011]

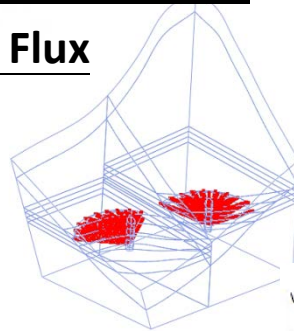
水頭+集水管排水+連續降雨

Review



Nodal Head Pressure=0

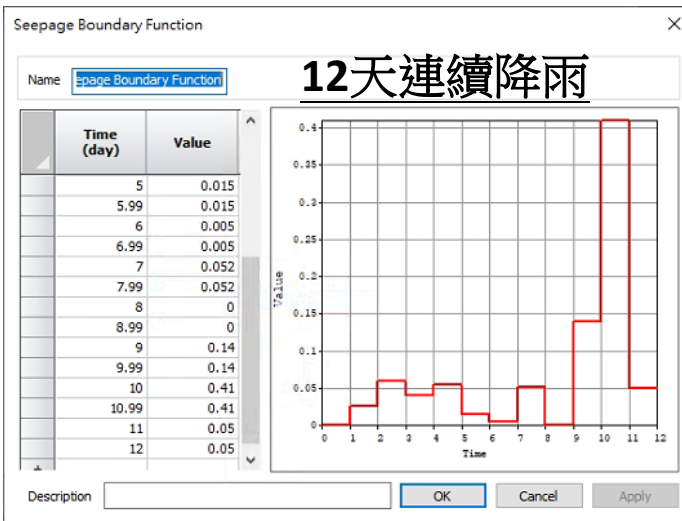
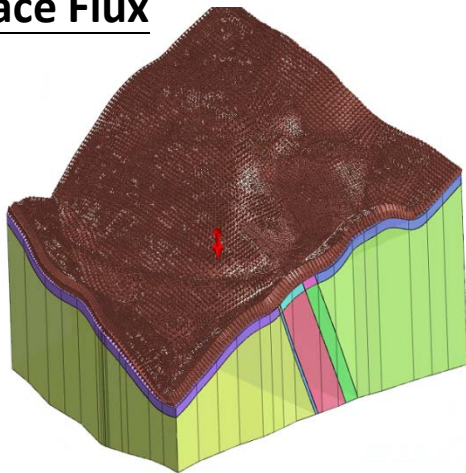
Nodal Flux



Value m³/day

☐ Function

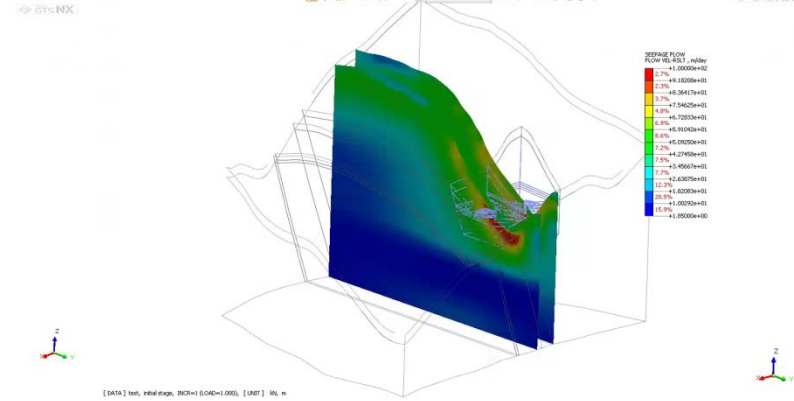
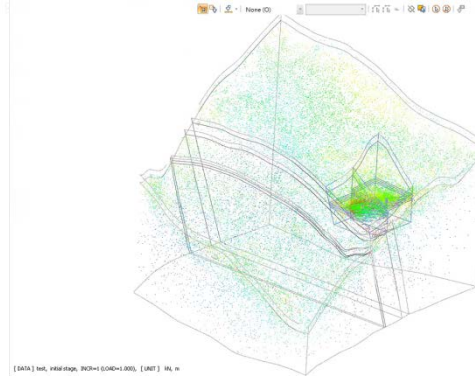
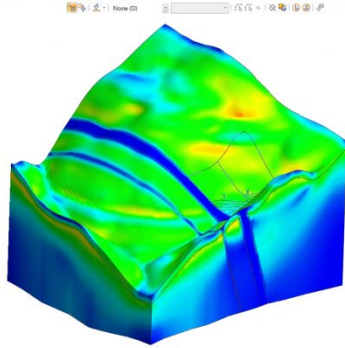
Surface Flux



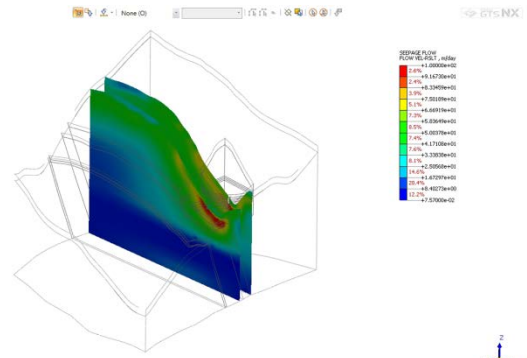
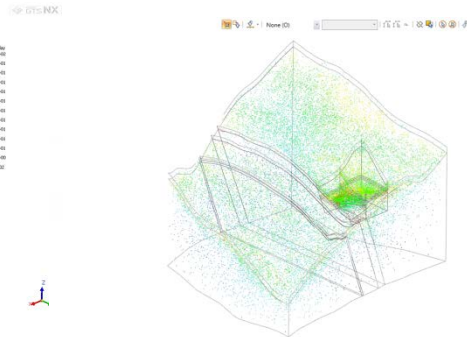
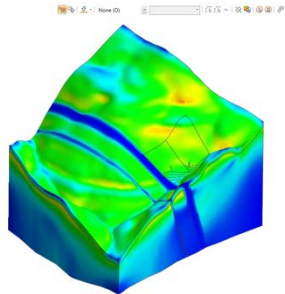
Flow Velocity Resultant(m/day)

(Maximum : 100)

Initial Stage



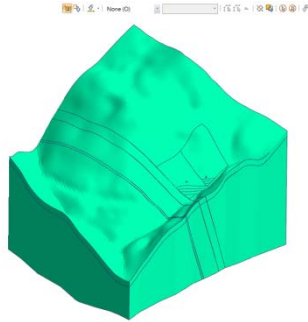
12 days



Applied Seepage Flow(m/day)

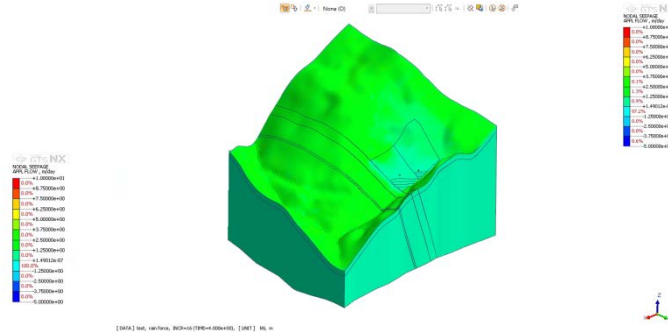
(Maximum : 10/ Minimum:-5)

Initial Stage



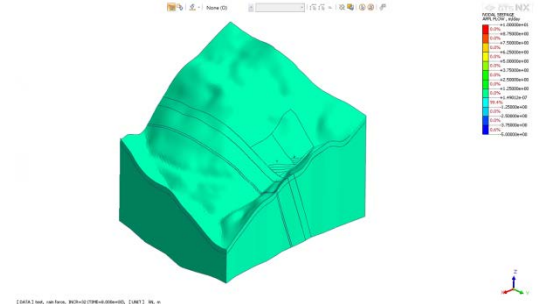
[DATA] test, var:Flow, NOD=1(1.00e+00), [UNIT] m, n

4 days



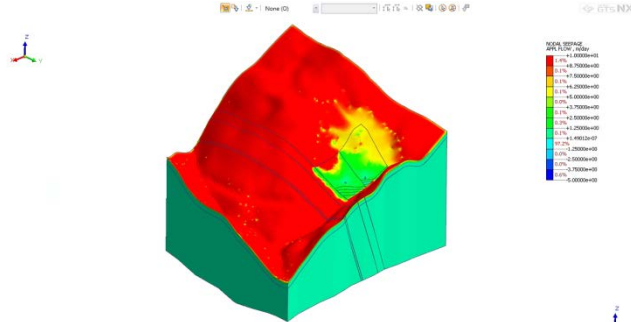
[DATA] test, var:Flow, NOD=4(2.00e+00), [UNIT] m, n

8 days



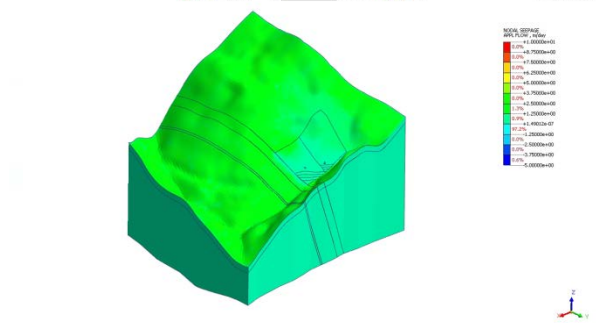
[DATA] test, var:Flow, NOD=8(4.00e+00), [UNIT] m, n

10 days



[DATA] test, var:Flow, NOD=10(5.00e+00), [UNIT] m, n

12 days



[DATA] test, var:Flow, NOD=12(6.00e+00), [UNIT] m, n