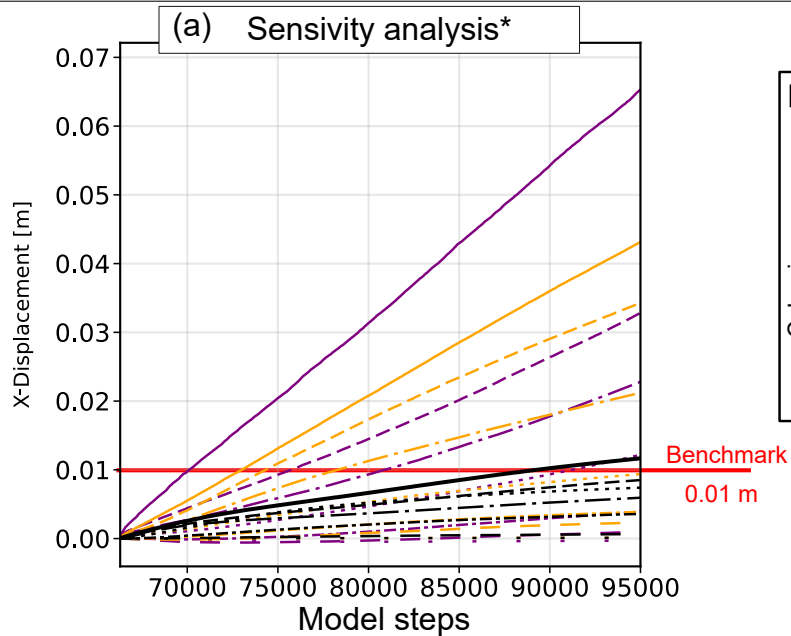
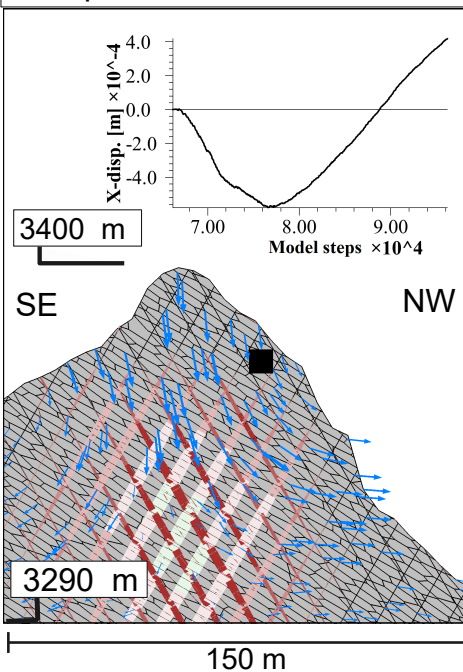
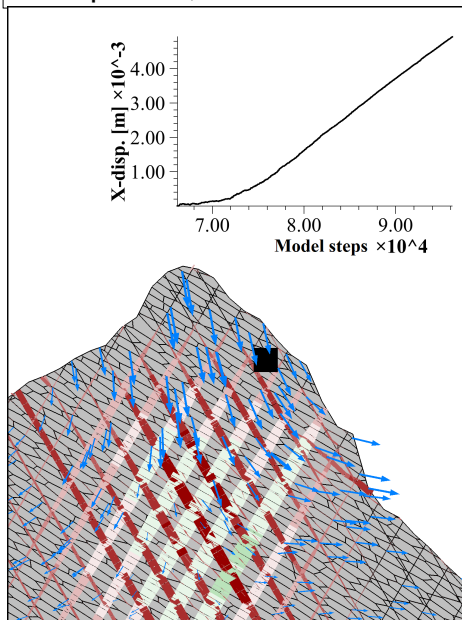


S0

(b) $\phi = 30^\circ$, $c = 0.2$ MPa(c) $\phi = 30^\circ$, $c = 0.1$ MPa(d) $\phi = 30^\circ$, $c = 0.05$ MPa