



# CI4402 GEOMECANICA

UNIVERSIDAD DE CHILE  
FACULTAD DE CIENCIAS FÍSICAS Y  
MATEMÁTICAS  
DEPARTAMENTO DE INGENIERÍA CIVIL

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Tanaguarena. This community is located at confluence of multiple natural hazards.















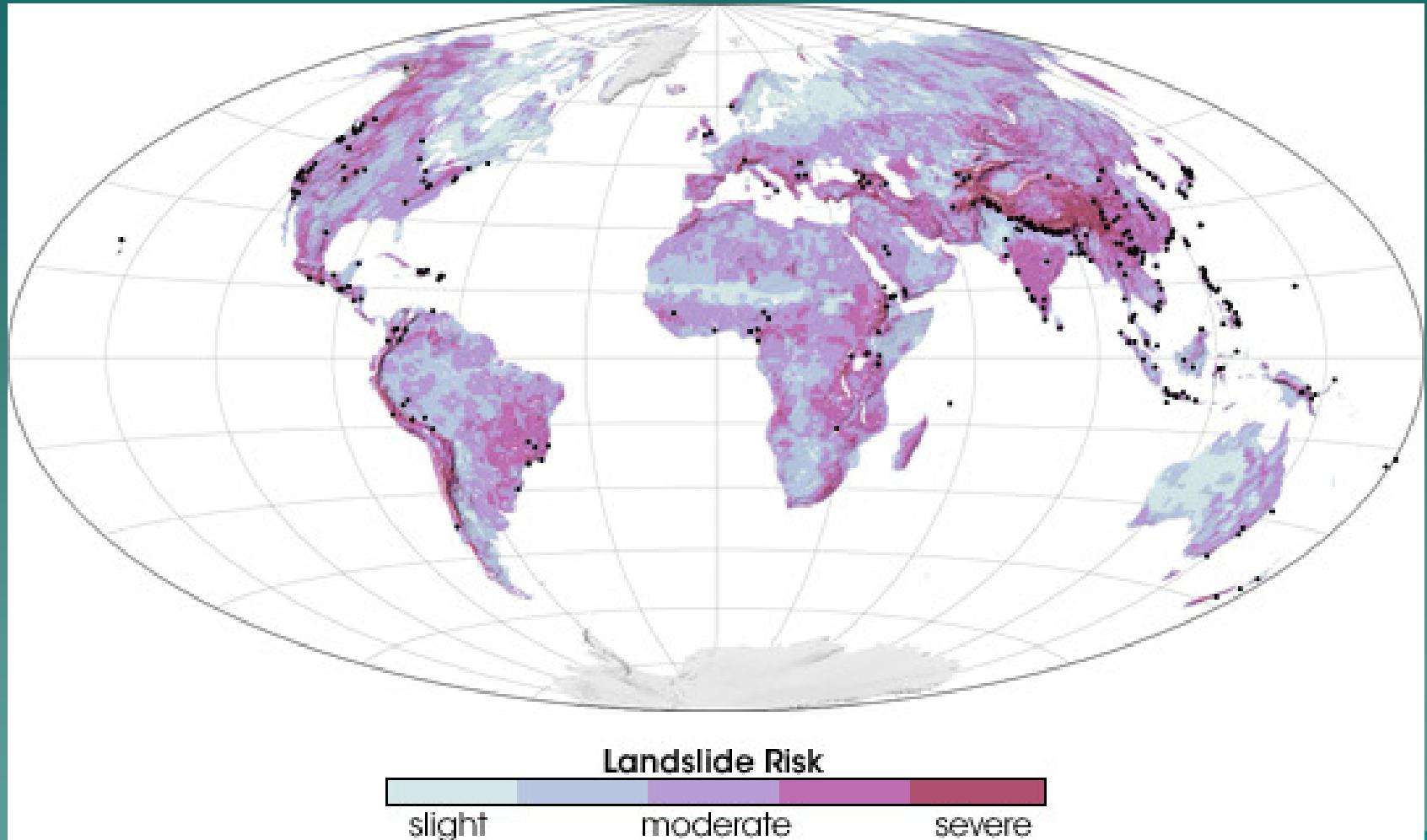


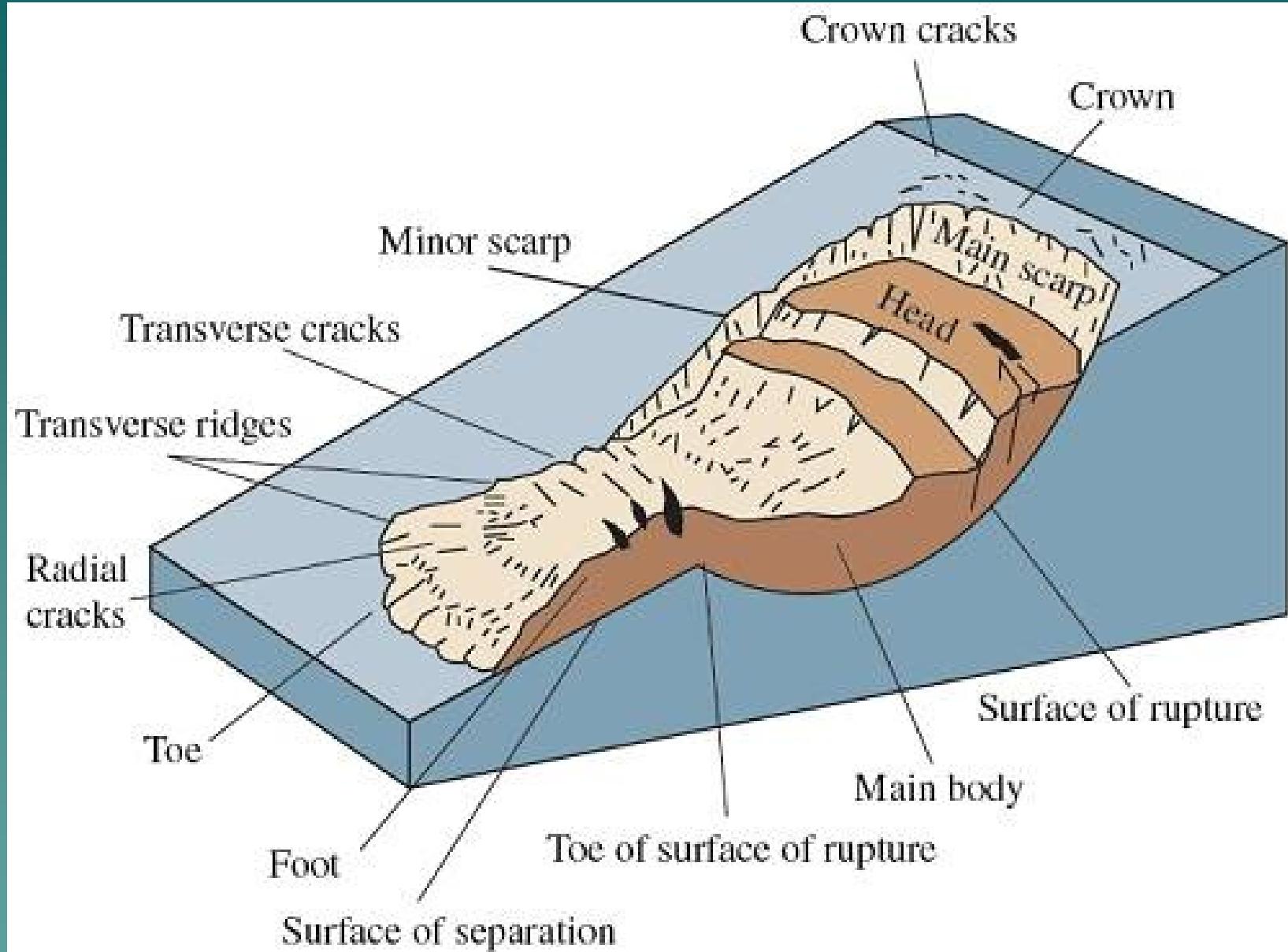


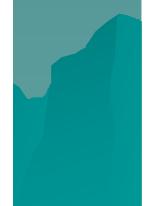
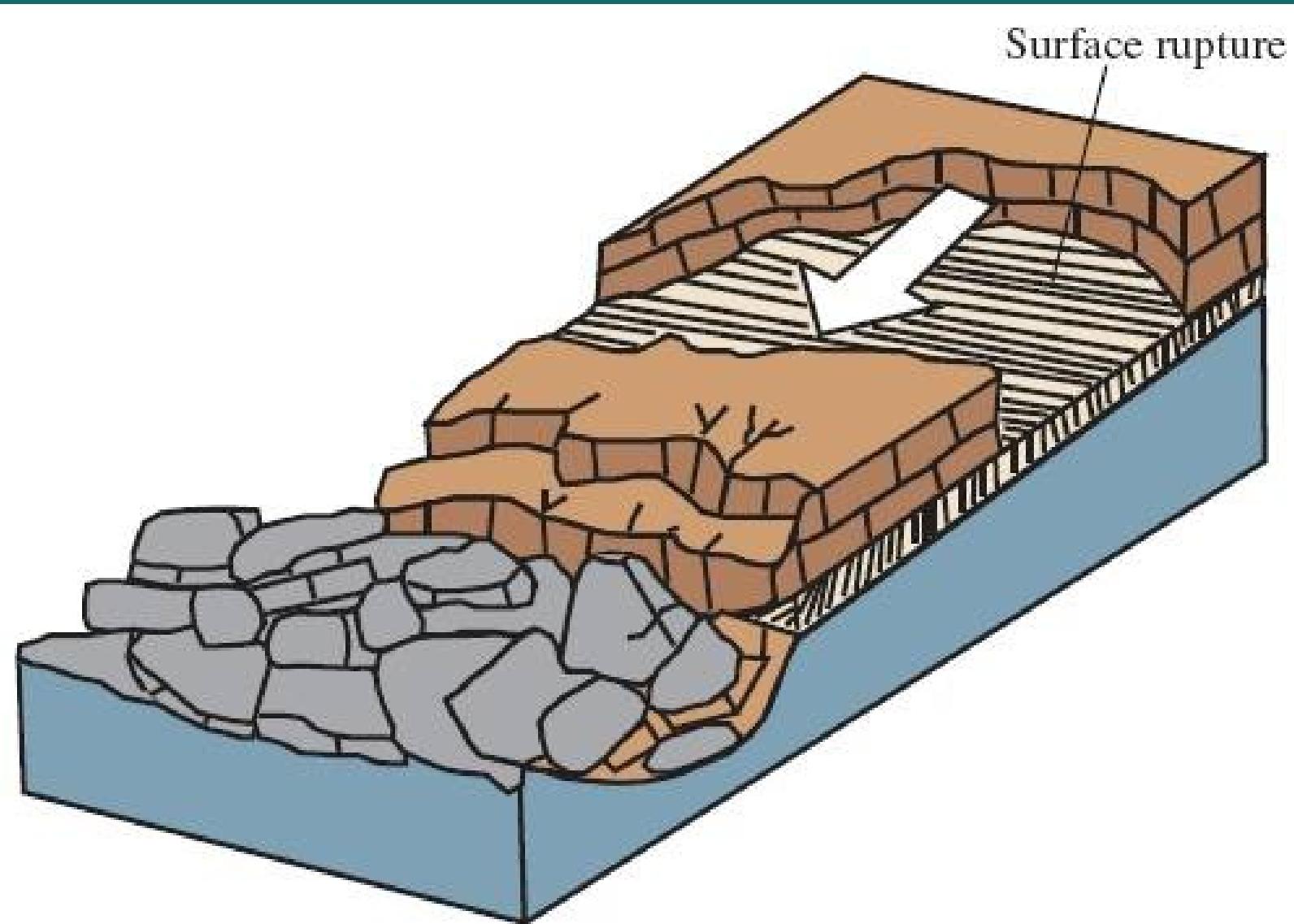


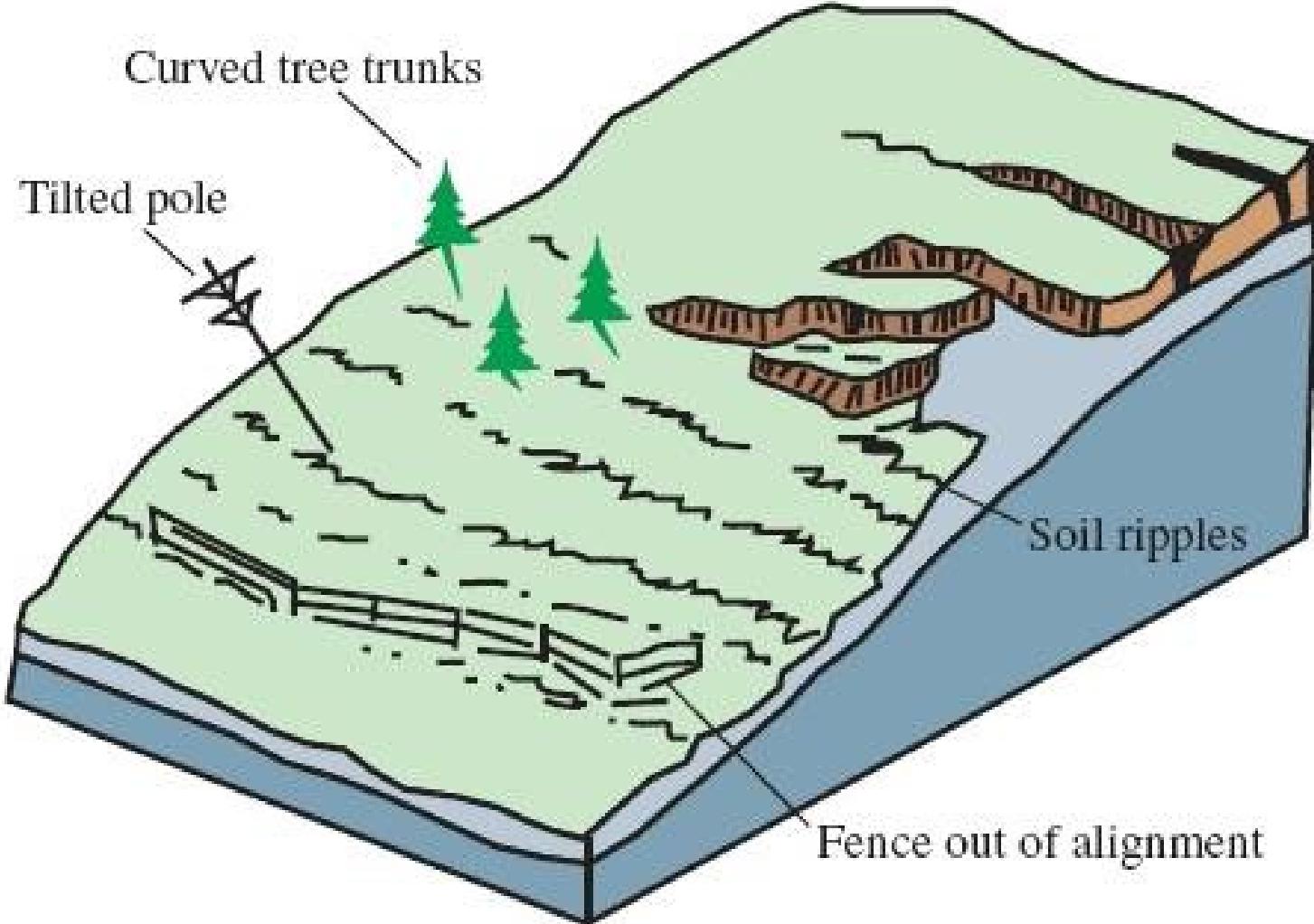


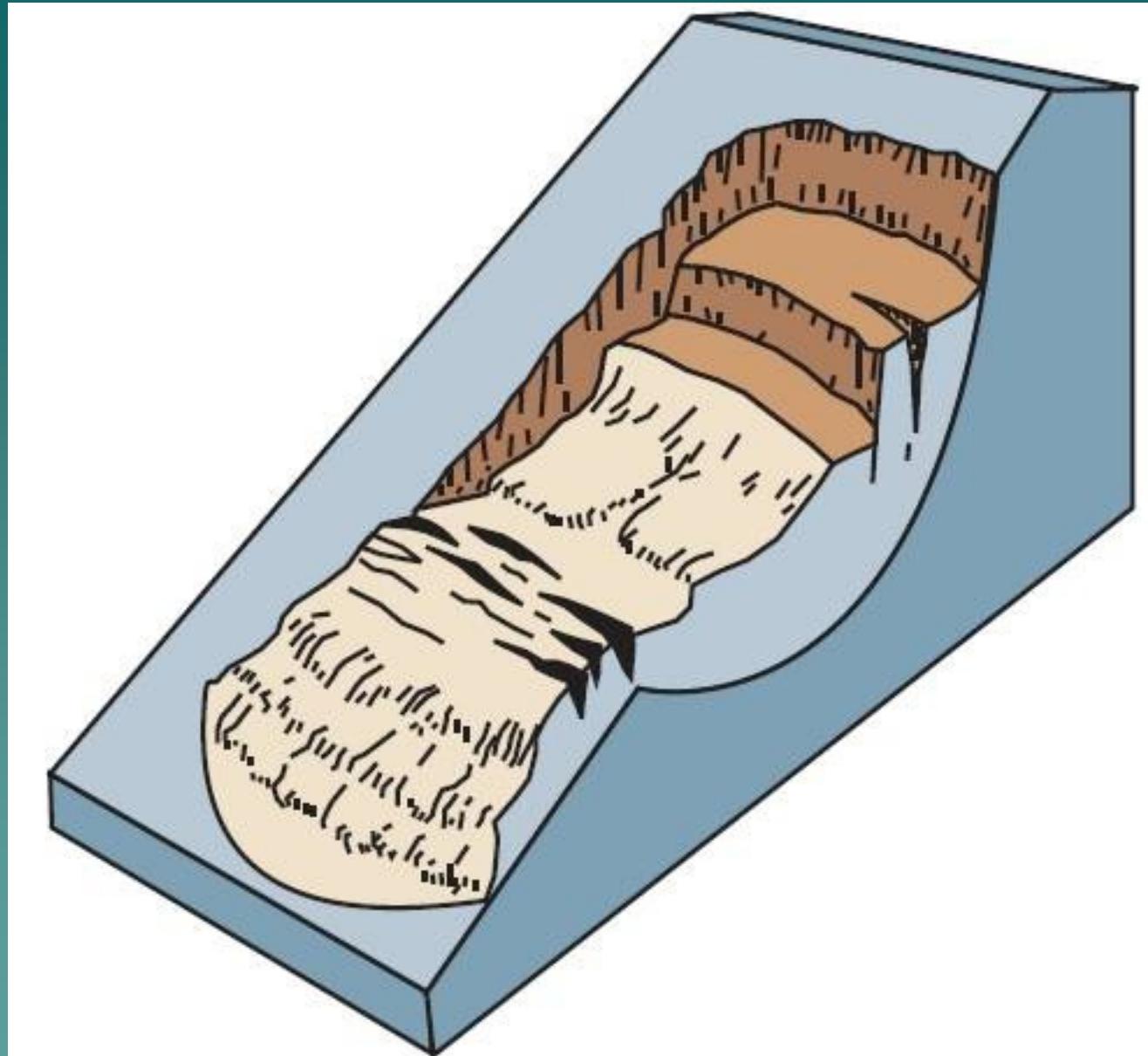


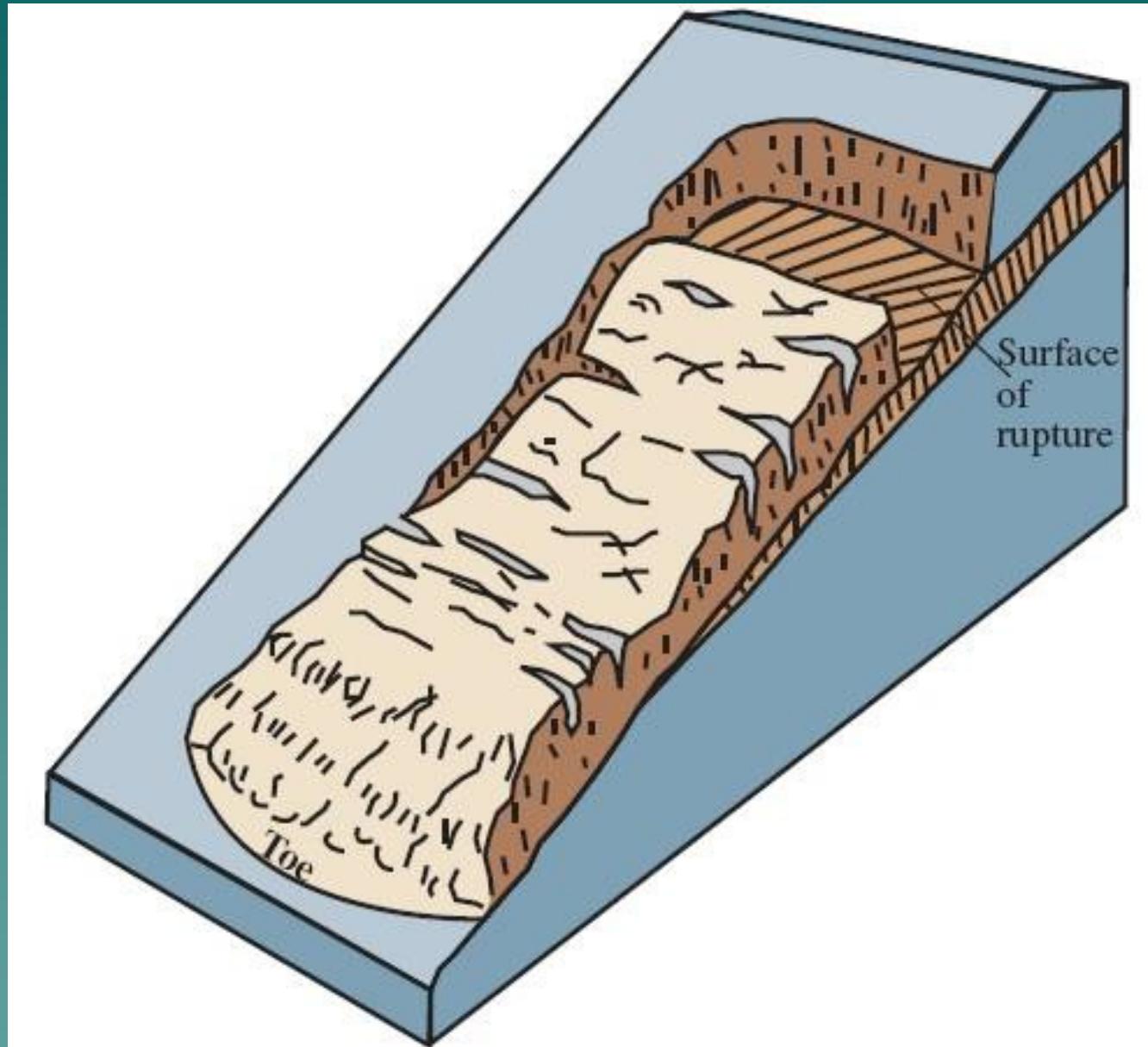






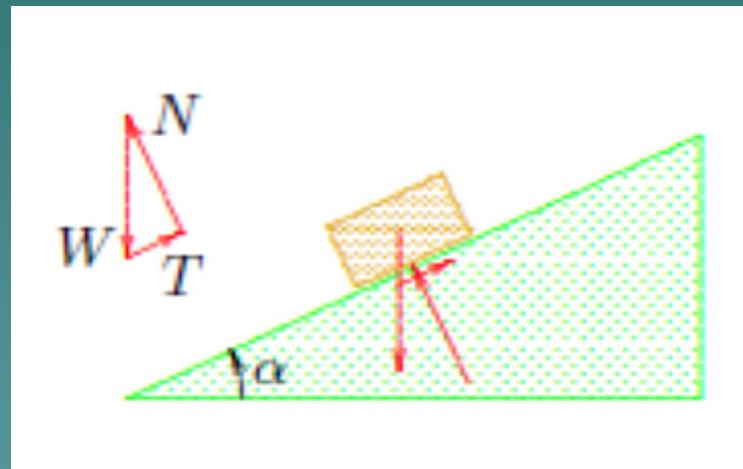






# RESISTENCIA AL CORTE

Se le considera la propiedad de principal interés en el estudio de suelos.



Ecuación de Mohr-Coulomb :

$$\tau = c + \sigma' \tan\phi_e$$

Donde:

$\tau$  : resistencia la corte

c: cohesión

$\sigma'$ : presión normal efectiva s-u

$\Phi_e$ : ángulo de fricción interna (angulo efectivo, con presión efectiva)