



Buildings on or near steep slopes and streams may be at risk of structural failure. Schematic example of stream bank failure in New York State. (1) Areal view of stream side soil failure zone [a gravitational collapse structure]; (2) Cross-section depicting most likely fault geometry consistent with areally and vertically extensive scarp displacement; (3) Alternate shallow focus fault scarp interpretation; (4) & (5) Possible means of eliminating soft clay entrainment along stream. [P. Rubin]