



- **Flood events can also cause significant sediment transport effects, including erosion, scour, mudflows and deposition of soils and debris.**



- **Sediment and debris-laden flow can obstruct flood control systems, and cause damage to habitable structures.**



- **High volumes of rainfall that result in deep percolation into soils can also cause hillside slope failures. The soils loosened from the slide can then cause increased sediment transport effects.**



- **The effects of a recent fire event can magnify the sediment and debris load by several orders of magnitude.**