

4 Types of Mass Wasting

Mass Wasting is the movement of sediment or soil downhill by **gravity**.

LANDSLIDES
↓
FAST MOVEMENT
of
LOOSE ROCK

LANDSLIDES
occur on
STEEP SLOPES
triggered
by
Earthquakes

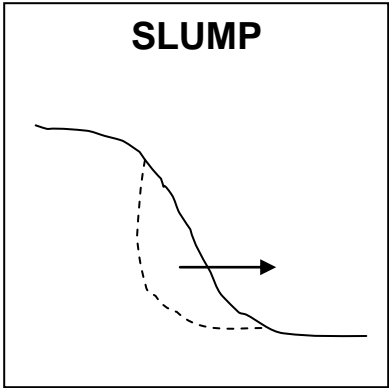
TALUS
Loose rock at the
bottom of the slope

**MUDFLOW
MUDSLIDE**
↓
FAST MOVEMENT
of
SOUPY SOIL MIXTURE
FAST
60 mph = dangerous

MUDFLOWS
occur
with
**HEAVY SEASONAL
RAINS**
LAHAR Mudflow
is triggered by
volcanic eruptions

EARTHFLOW
is
a mudflow that is
slower and less fluid or
watery

SLUMP
↓
SHORT FAST
MOVEMENT
of
SOIL on a
STEEP SLOPE



CREEP !
↓
S-L-O-W Invisible
MOVEMENT
of
SOIL
DOWNHILL

CREEP !!!!!

causes
MORE DAMAGE
than all other
forms
of
MASS WASTING !!!!