

Name: _____

Hour: _____ Date: _____

Soil Erosion and Mass Movement Chapters 5.2 & 5.3

Soil Erosion

- Why is _____ important for _____?
 - _____ it we _____ have no _____. _____ would _____ without it.

- Soils are among the most _____ resources.

- The _____ of _____ is a growing _____ as _____ continue to _____ more of Earth's _____.

- Soil _____ is a _____ part of the _____ of _____ through the _____ cycle.

- Water _____ soil.

- Rate of _____
 - Human _____ that _____ natural _____, such as _____, logging, and _____, have greatly _____ erosion.
 - _____ can _____ the _____ of _____ due to _____ by _____ the amount of _____ in _____.

 - Wind erodes _____ much more _____ than water.

 - However, during a _____ wind can _____ a lot of _____ to top _____.
 - Example: _____ in 1930s.

- _____ Deposition
 - Reservoirs fill with _____.

 - _____ are _____ by _____ and fertilizers.
 - This _____ cause algae blooms which consume all of the oxygen in the water killing all aquatic life.

- Controlling Erosion
 - Planting _____ of trees called _____.
 - _____.
 - Plowing along the _____ of hills.
 - _____ crops.

Mass Movement

- The _____ of _____ and soil _____ due to _____ is called _____ movement.
- _____ the _____ that commonly _____ mass _____ are:
 - _____ of _____ materials with _____,
 - _____ of slopes,
 - _____ of vegetation,
 - and _____.

Types of Mass Movement

- _____ classify _____ movements _____ on
 - the kind of _____ that _____,
 - how it _____,
 - and the _____ of movement.
- Rockfalls
 - A _____ occurs when _____ or rocks _____ fall _____ through the _____.
- Slumps
 - A _____ is the _____ movement of a _____ of _____ along a _____ surface.
 - Slumps do not _____ very fast or very _____.
- Slides
 - In a _____, a _____ of _____ moves _____ along a _____, inclined _____.
 - _____ that include _____ of _____ are called _____.
 - Rockslides can move over _____ km/hour.
- Flows
 - _____ are _____ movements of _____ containing a _____ amount of _____.
 - _____ move _____ and _____ a mixture of soil, _____, and _____ that has a _____ of wet concrete.
 - _____ move relatively _____ and _____ clay-rich _____.
- Creep
 - Creep is the slow, _____ movement of soil.
 - One _____ that _____ to creep is the alternating between _____ and _____.