

Understanding Your Environment: Land Use Planning Activity 4 - Slope of Land in your Community

This investigation will help you to:

- Angle of Repose
- Mass Movement
- To learn more about catastrophic mass movements, visit the following web sites:

Angle of Repose

- "Would the angle of repose of the same material be different on Mars than on Earth?" - NASA
An interesting site, which in addition to answering this question, also provides a good review behind the physics of the angle of repose of a material.

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Mass Movement

- "Debris-Flow Hazards in the United States" - USGS Fact Sheet 176-97
Site examines different types of debris flows, where they are likely to occur, and steps to take to minimize the damages associated with debris flows.
- "Real-Time" Monitoring of an Active Landslide - USGS Cascades Volcano Observatory
Site contains data related to the monitoring of an active landslide.

Read about landslides in the following US states:

- + California
- + Colorado
- + North Carolina
- + Oregon
- + Washington

- "Landslide Recognition and Safety Guidelines" - USGS
Comprehensive site reviews what makes an area susceptible to landsliding and what to do if you are in a high-risk area, as well as providing links to finding out more about

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To learn more about catastrophic mass movements, visit the following web sites:

- "Real-Time" Monitoring of an Active Landslide Above Highway 50, California - USGS Cascades Volcano Observatory
Site contains data related to the monitoring of an active landslide between Placerville and South Lake Tahoe, California.
- Seattle, Washington - USGS
Site devoted to the study and monitoring of a landslide in Washington. Includes a summary of the data collected, including rainfall, pore pressure, and movement data.

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