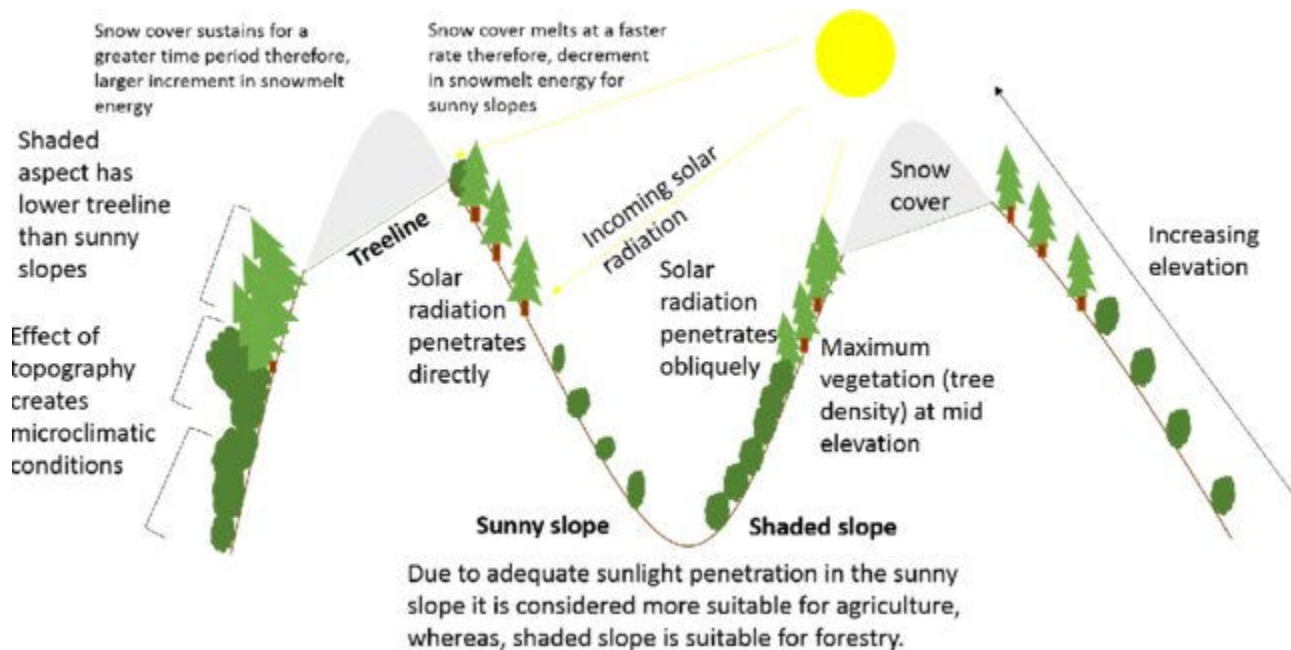


Essential Skills 7 and 8: Slopes and their measurements, and Soils

- How does slope aspect affect vegetation: Slope aspect is known to affect the diversity and density of plant communities. Sunny slopes retain less moisture because of stronger solar radiation and higher evaporation. Therefore, plants on sunny slopes, such as grasses, are more likely to be drought- and radiation-resistant.



- How to differentiate between debris, creep, and earthflow: An earthflow (earth flow) is a downslope viscous flow of fine-grained materials that have been saturated with water and moves under the pull of gravity. Creep is slow downslope movement of particles that occurs on every slope covered with loose, weathered material. A debris flow is mainly coarse-grained rock fragments, while an earth flow is mostly fine-grained sediment particles. Creep caused by wind erosion which includes the movement of heavy soil particles from one place to another
- How to use the clinometer for measuring height and slope
 - Tree height <https://www.youtube.com/watch?v=q4LhwniXAJI>; Land Navigation (Using a Clinometer on a Suunto Compass): https://www.youtube.com/watch?v=Pd4mwDGB4_Y
- 10 Tips to Prevent Erosion During Construction: <https://www.denbow.com/prevent-erosion-construction/>
- 10 Ways on How to Control Erosion in Construction Site: <https://procrewschedule.com/erosion-control-in-construction-site-using-10-ways/>
- Mixed soil is the best soil to grow crops: <https://www.facebook.com/joshipenterpriseszambia/photos/a.1227520260752394/1738538076317274/?type=3>
- Loam soil "What Does Loam Soil Mean to a Gardener?" <https://www.thespruce.com/what-is-loam-1401908>
- How to read your soil texture triangle: <https://www.youtube.com/watch?v=SXp8LgOSFPO>
- Testing Soil Texture - Mason Jar Soil Test: <https://www.youtube.com/watch?v=77kQPlx-sIQ>