

Slope Failure and Ecosystems

Content Area(s)/Course: AP Biology

Unit: Ecology

Lesson Topic: Human impact on ecosystems

Length of Lesson: 1 Day

Materials for Students: writing utensil

Materials for Teacher: guided worksheet/notes/presentation

Standard(s) Addressed:

Standard HS-LS2-7 Interactions, energy and dynamics

Standard MS-ESS3-3 Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment

Student Outcome(s):

I can: identify man's role in altering ecosystems

I can: give examples of how humans have altered ecosystems

Context for Learning

This is the start of a unit on ecology. This lesson will look at the various ways human encroachment on the environment has caused damage in the environment.

Instructional Delivery

Lesson notes: The notes will cover how to recognize damage that has been done in the environment because of the expansion of the human population into various aspects of the environment.

Activity: No activity for this lesson

Assessment/Evaluation (Formative/Summative)

There will be an informal formative assessment in the form of their worksheet. Gather how they are doing by walking around to each student and observing them work. There will be a formal formative assessment the day after this lesson in the form of a mini quiz (bell ringer) that will allow me to review and check for comprehension before moving on.

Accommodations: Walk around and help those students that need more help. Extra time for students that need it on the mini quiz.