

Name \_\_\_\_\_

## Human Activities and Their Impact on Landforms

### Short Answer Key

1. Deforestation exposes soil to erosion by removing tree cover that helps bind soil together. Heavy rainfall can wash away topsoil, leading to increased soil erosion and landslides.
2. An example of a human-induced landform creation activity is canal construction for irrigation. This can lead to the formation of artificial channels and terraces on the landscape.
3. Urbanization often results in the alteration of landforms through activities like leveling hills for construction and channeling waterways to manage urban runoff. It can lead to habitat loss and changes in natural drainage patterns.
4. Afforestation, the process of planting trees, can help mitigate the negative impact of human activities by preventing soil erosion, improving water quality, and providing wildlife habitat.
5. Climate change can indirectly affect landforms by altering precipitation patterns, leading to more frequent and severe weather events like flooding and droughts. These events can impact landscapes and ecosystems over time.

