

Name _____

Shaken, Not Stirred: Understanding Ecosystem Disturbances

Short Answer Key

1. Example: Wildfire - Impact: Destroys vegetation and habitats, alters soil composition, and influences species composition.
2. Primary succession occurs on barren landscapes, while secondary succession occurs in areas with pre-existing soil and vegetation.
3. Soil erosion can degrade soil quality, disrupt nutrient cycling, and lead to habitat loss for plants and animals.
4. Disturbances are necessary for renewing and rejuvenating ecosystems, promoting biodiversity, and maintaining ecological resilience.
5. Example: Deforestation - Consequences: Loss of habitat, decline in biodiversity, soil erosion, and disruption of ecosystem services.

