

Name _____

Shaken, Not Stirred: Understanding Ecosystem Disturbances

Open-Ended Response Questions

1. Discuss the relationship between disturbances and ecosystem resilience, considering how ecosystems recover and adapt to different types of disturbances over time.
2. Explore the role of disturbances in shaping biodiversity patterns in ecosystems, discussing how disturbances can create opportunities for new species to colonize and establish themselves.
3. Consider the potential long-term effects of human-induced disturbances on ecosystem stability and function, weighing the importance of conservation efforts and sustainable management practices in mitigating these impacts.
4. Reflect on the interconnectedness of ecosystems and the cascading effects of disturbances across different trophic levels, providing examples to illustrate your explanation.

