

Name _____

Nitrogen in Flux: Human Impact on the Nitrogen Cycle

Multiple Choice Questions

1. How do agricultural practices influence the nitrogen cycle?
 - a) By decreasing nitrogen inputs into ecosystems
 - b) By releasing nitrogen compounds into water bodies
 - c) By reducing soil fertility
 - d) By enhancing soil fertility through fertilizer application

2. What is the primary consequence of excessive fertilizer use on aquatic ecosystems?
 - a) Increased biodiversity
 - b) Algal blooms and eutrophication
 - c) Improved water quality
 - d) Decreased soil erosion

3. How do nitrogen emissions from industrial activities affect the environment?
 - a) By reducing air pollution
 - b) By promoting forest growth
 - c) By contributing to acid rain formation
 - d) By enhancing soil fertility

4. What is a significant impact of nitrogen oxides released from combustion processes?
 - a) Formation of healthy air quality
 - b) Promotion of aquatic life
 - c) Contribution to ozone layer protection
 - d) Formation of smog and air pollution

5. How have human activities altered atmospheric nitrogen levels?
 - a) By releasing nitrogen compounds into the air
 - b) By decreasing nitrogen emissions
 - c) By promoting biodiversity conservation
 - d) By reducing the greenhouse effect

