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Aquatic Environmental Science 9. Nutrient Cycle

- 1. Nutrient and Essential Elements
 - Macronutrient, Micronutrient
- 2. Importance of Nutrients in Aquatic Systems
- 3. Nitrogen Cycle
 - Fixation, Assimilation, Nitrification, Denitrification
 - Nitrogen Transformation Model
 - Nitrogen-related Kinetics
 - Stable Isotope in Biogeochemistry
- 4. Phosphorus Cycle
- 5. Modeling Biological Transformation
- 6. Exercise