

DECOMPOSITION AND NUTRIENT CYCLING



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Today's Learning Objectives

At the end of today's meeting, you should be able to:

- Explain the relationship between **decomposition** and **nutrient cycling** processes
- Identify **factors that influence** decomposition rates
- Sketch and explain the **idealized dynamics of nitrogen content change** during litter decomposition
- Compare and contrast decomposition and nutrient cycling in **terrestrial** and **aquatic** habitats
- Sketch and explain the **feedback** between nutrient availability, NPP, and decomposition rates

Vocabulary: All bold words in the text.