Ecosystems and Food Chains

An ecosystem is a community of living organisms interacting with their physical environment. It includes biotic factors like plants and animals and abiotic factors such as soil, water, and climate. Producers (plants) make their own food through photosynthesis, while consumers eat other organisms. Decomposers like fungi break down dead matter. Food chains illustrate how energy flows from producers to consumers and decomposers. Food webs show complex interrelationships in an ecosystem. Biodiversity and bal...

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