

Analyzing Ecosystems

I. Parts of Ecosystems
1. What is the biotic part of the ecosystem?
2. What is the abiotic part of the ecosystem?
II. Types of Organisms in the Ecosystem
1. Identify some of the producers in the ecosystem.
2. Identify some of the consumers in the ecosystem.
III. Energy and Matter Within Ecosystems
1. Where does the energy for the ecosystem come from?
2. How is this energy transferred to chemical energy?

III. Energy and Matter Within Ecosystems

3. What happens to the chemical energy of an animal when it is eaten by another animal?

4. How does energy leave the ecosystem?

5. What matter is part of the ecosystem?

6. Where does the matter found in the body of an animal come from?

7. What happens to the matter in the body of an animal after it dies?

IV. Interactions Within Ecosystems

Describe three types of relationships between organisms found within an ecosystem. How is energy transferred in each type of relationship?