

# AP Bio Unit 1: Global Ecosystem

1.4 The student is able to describe how interactions among living systems result in the movement of matter and energy.

1.5 The student is able to predict consequences of human actions on both local and global ecosystems.


On the **left side** of the charts complete the sentences (usually indicated by yellow blanks) or answer the questions. On the **right side** is space for you to post images, diagrams or add text that will help you to remember the specific content described.

## 45.1 Climate and Nutrients (pages 917-919)


**Ecosystem:**  Ecological communities and abiotic environments with which they exchange energy and materials.



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**Ecosystem function:**  The dynamic processes by which these components exchange and transform energy and materials are aspects of ecosystem function.

**Explain how ecosystem function is tied to flow of carbon:**

 They are interrelated as energy stored in the carbon dioxide and plants utilize these energy to make food and all producers would do this process therefore the ecosystem is really just a carbon chain.



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