

1.2 Systems in Environmental Science

Key Concepts

- Concepts of open, closed, and isolated systems in terms of energy and matter flows.
- Earth's geosphere (lithosphere), atmosphere, and hydrosphere as interconnected components of Earth's systems.

1.2.1 Earth's Systems: A Preliminary Preview

Define a set of preliminary terms to your own words. These will provide a good basis for more precise conceptual work. Check back for definitions for you.

Term	Definition	Other Definitions
Feedback loop	an instance that the output of a process and actions involved in a process.	loop that causes and causes to an effect a chain feedback loop
Energy	The amount of ability to do work or generate heat in a given system.	the amount of heat energy that is transferred
Temperature	A scale of the hot and cold that we feel.	scale of hot and cold that we feel
Hydrosphere	By the hydrosphere we can just define Earth's water. The water that makes up the oceans.	the water that
Atmosphere	Atmosphere's ability to keep things from escaping into space while interacting with other things.	all the things and things that are in the atmosphere
Lithosphere	the solid part of the earth's crust.	solid part of the earth's crust
Geosphere	all the parts of the earth's crust and interior.	the earth's crust and interior

3 1 Systems In Environmental Science Answer Key

Yicheng Fang



3 1 Systems In Environmental Science Answer Key:

Decoding **3 1 Systems In Environmental Science Answer Key**: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its ability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**3 1 Systems In Environmental Science Answer Key**," a mesmerizing literary creation penned with a celebrated wordsmith, readers attempt an enlightening odyssey, unraveling the intricate significance of language and its enduring impact on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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