

from
MOUNTAIN TOP
to
OCEAN FLOOR



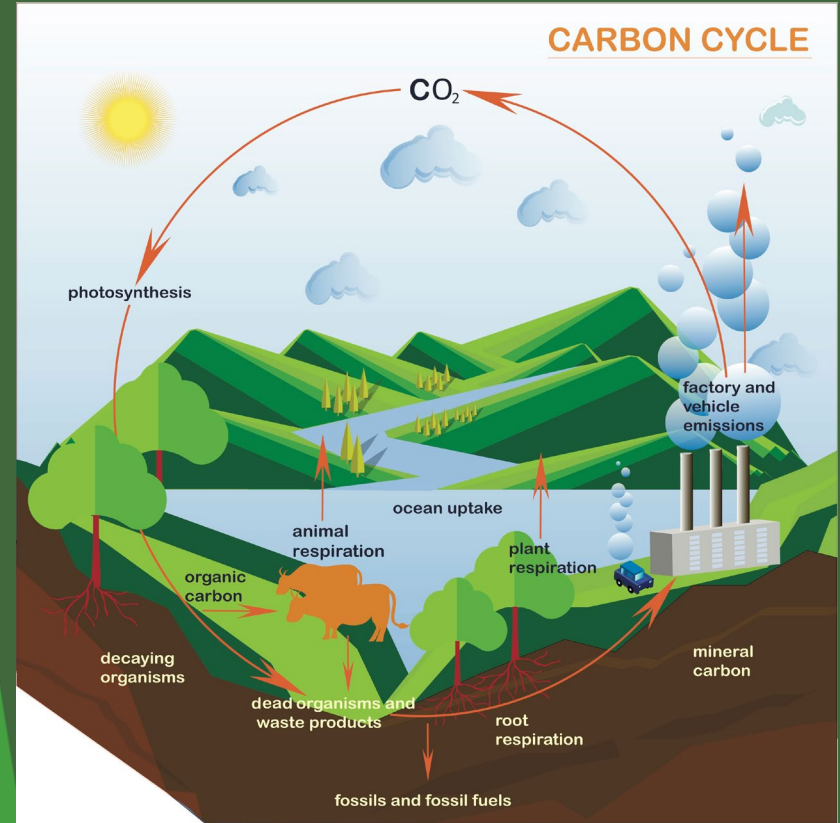
NECA's core focus areas are:

- Regenerative Agriculture
- Sustainable Forestry
- Aquatic Systems
- Public Policy

It is all connected...

... the trend of the evidence indicates that in land, just as in the human body, the symptoms may lie in one organ and the cause in another.

- Aldo Leopold, A Sand County Almanac



Regenerative Agriculture

is a *holistic* approach to farming that:

- Enriches soil
- Promotes biodiversity
- Restores ecosystems
- Captures carbon in soil



NECA research farms are working together to

- share their data and research on a common GIS platform
- determine best practices for
 - enhancing biodiversity
 - soil health
 - carbon sequestration



Sustainable Forestry

NECA is establishing a forestry working group to address the following issues:

- Manage excessive deer herbivory
- Protect carnivore habitat and connectivity
- Control invasive species
- Monitor carbon sequestration and storage
- Protect key forested areas



Aquatic Systems

NECA's water working group is studying carbon and nutrient inputs that affect healthy waterways.

There is a strong need for:

- Interdisciplinary funding
- Research that explores complex biological, chemical, and physical processes impacting the health of waterways.



Public Policy

- Governor Kathy Hochul signed the Soil Health and Climate Resiliency Act at the end of 2021
- NECA's policy working group is also setting priorities for the 2023 Farm Bill





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