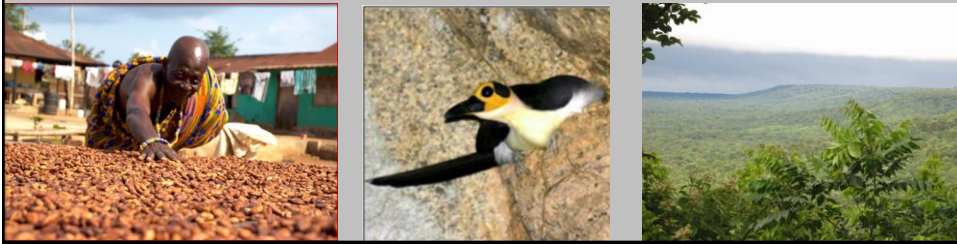




Defining Ecosystem Services

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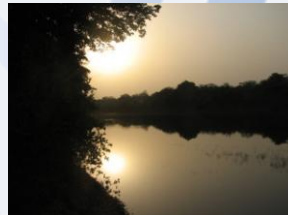
What Are Ecosystems?

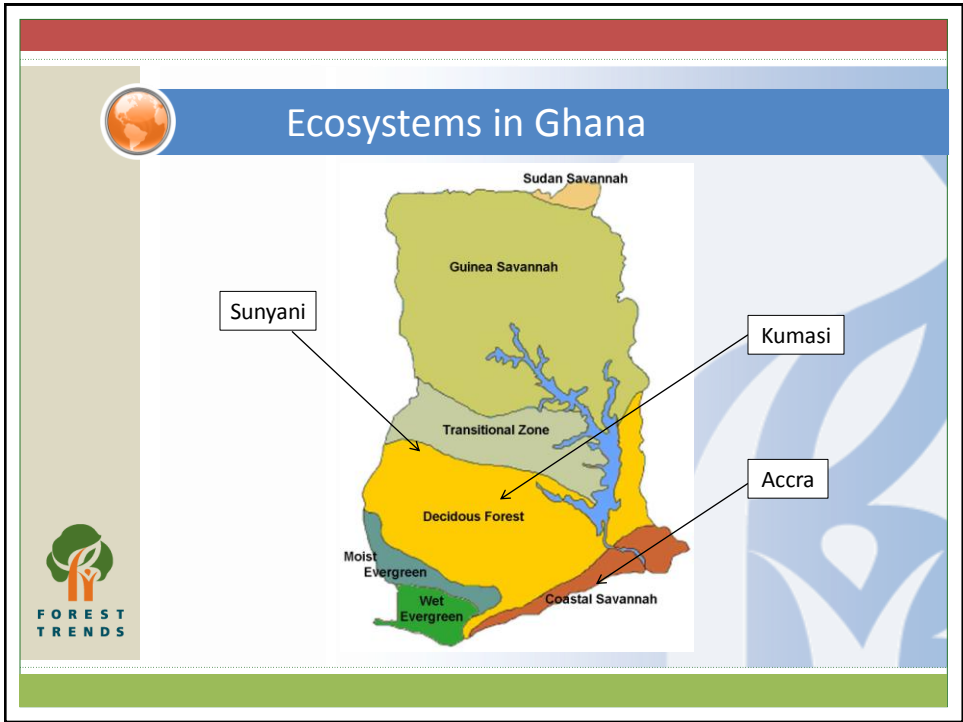
Ecosystems are the combined interactions of:

Biological / living components

and

Physical / non-living components of environment





What are Ecosystem Services?

Natural and modified ecosystems have positive effects on the air, water and natural resources which generate benefits for human beings.

A photograph shows a person standing in a lush, green forest, surrounded by dense vegetation and tall trees.

The 'FOREST TRENDS' logo is located in the bottom left corner.

A landscape photograph of a green field with a large tree in the foreground and a blue sky with light clouds. The text is overlaid on the image.

Terrestrial Ecosystem Services

- Nutrient Cycling
- Air quality
- Wild species habitat protection
- Carbon sequestration & storage
- Food, Fiber and Fuel Provision
- Soil formation & fertility
- Pest & disease control
- Plant pollination
- Watershed protection & regulation
- Cultural Services

A photograph of a coastal bay with a sandy beach, green hills, and several sailboats in the water. The text is overlaid on the image.

Marine and Coastal Ecosystem Services

- Recreation
- Coastal Water quality
- Stable Coastlines
- Storm and Hurricane Protection
- Sustainable Fisheries
- Sandy Beaches
- Safe and Healthy Seafood
- Carbon sequestration and storage
- Marine Biodiversity
- Seascape and Landscape Beauty
- Waste and Pollutant Processing



Water Quality and Supply



Pollination





Soil conservation and nutrient cycling



Cultural services





Food, fiber and fuel provision



Biodiversity conservation



 Humans also provide services to ecosystems through proper management.



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Any questions?

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Activity

List the ecosystems and ecosystem services in your community.

