

JULY 2021 ISSUE

# ECOSYSTEM



Dr. Albert B. Jubilo's Digital Magazine



# Ecosystem Defined

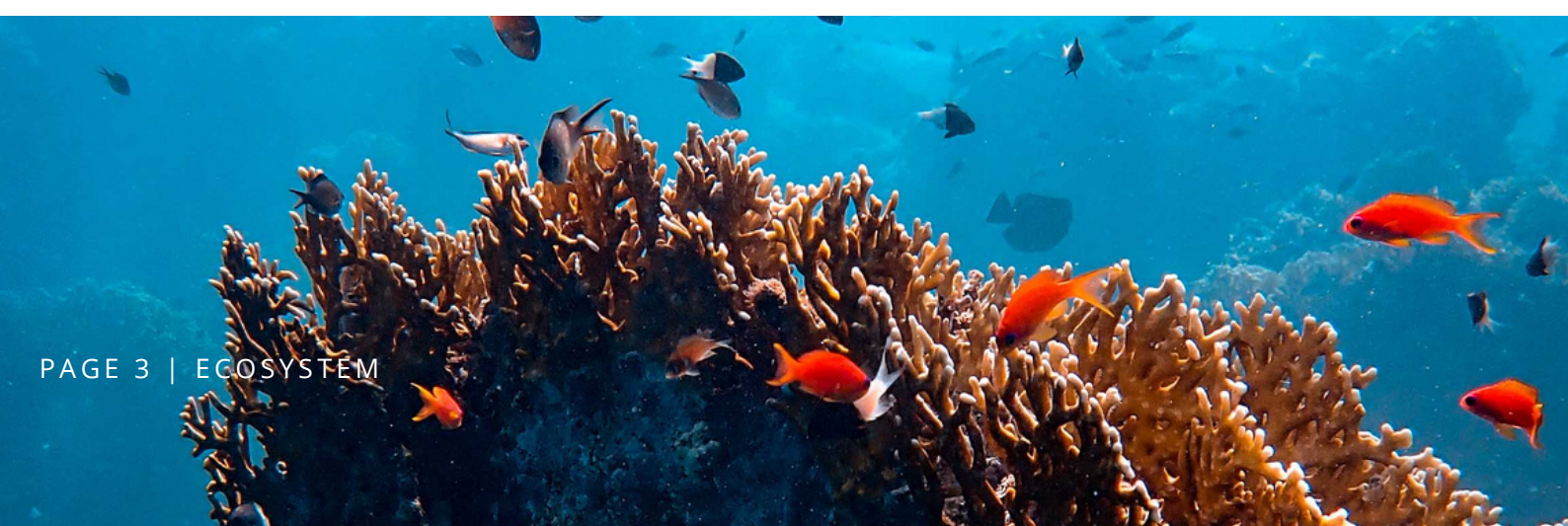


**An ecosystem is made up of all the creatures and the physical environment in which they live. These biotic and abiotic elements are connected through nutrient cycles and energy fluxes. Photosynthesis delivers energy into the system, which is then absorbed into plant tissue.**



# WHAT ARE THE 4 TYPES OF ECOSYSTEMS?

There are four sorts of ecosystems: artificial, terrestrial, lentic, and lotic. Ecosystems are components of biomes, which are climatic systems in which life and creatures exist. There are living and nonliving environmental elements known as biotic and abiotic in the biome's ecosystems.





# *What is an ecosystem example?*



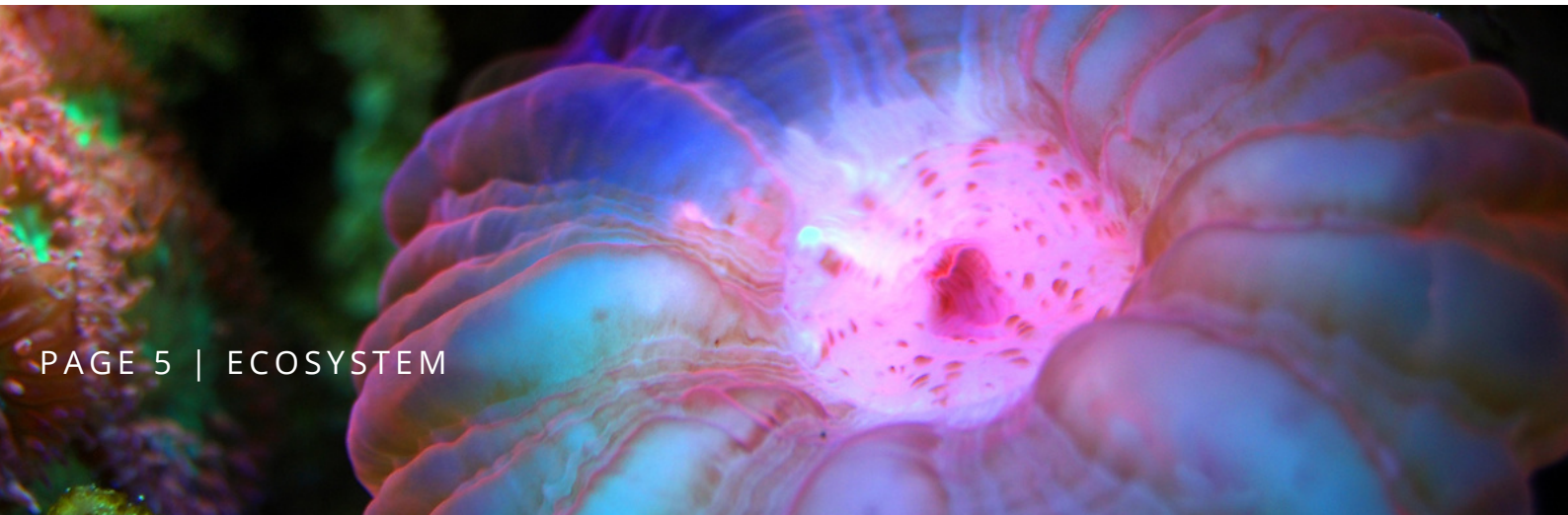
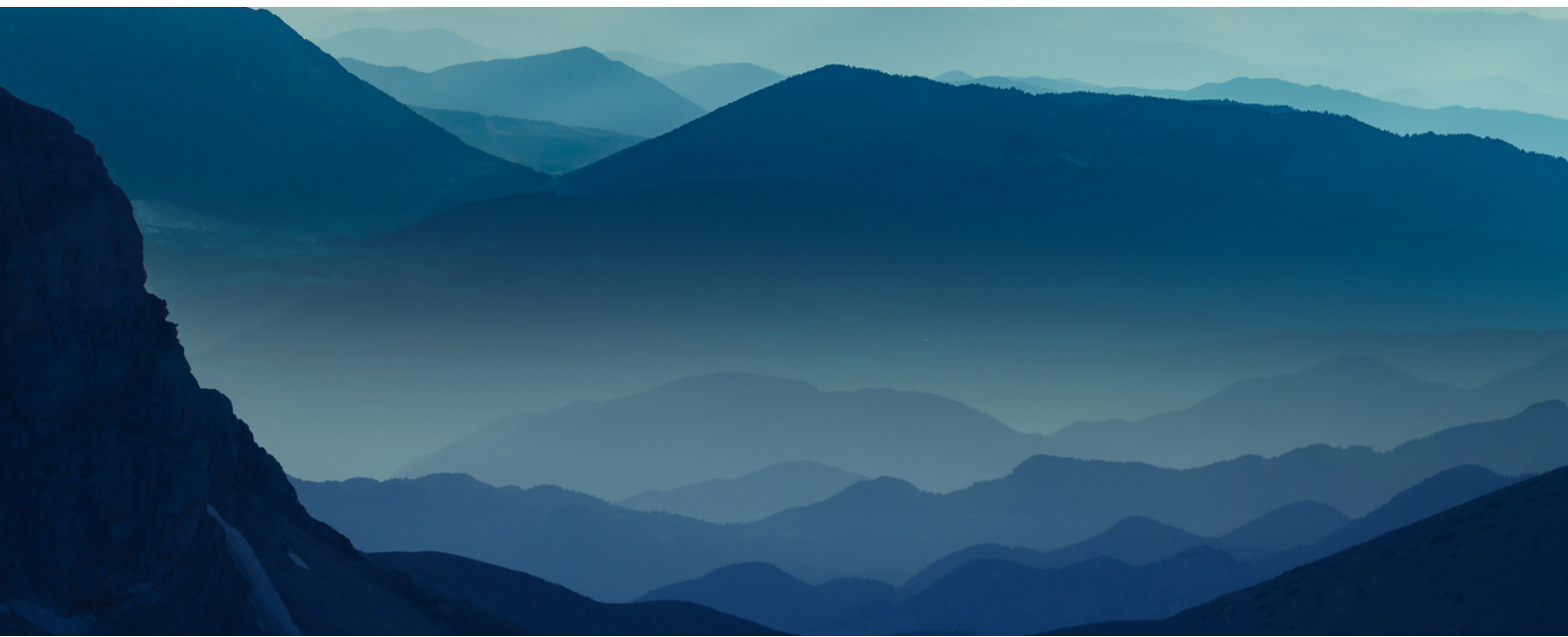
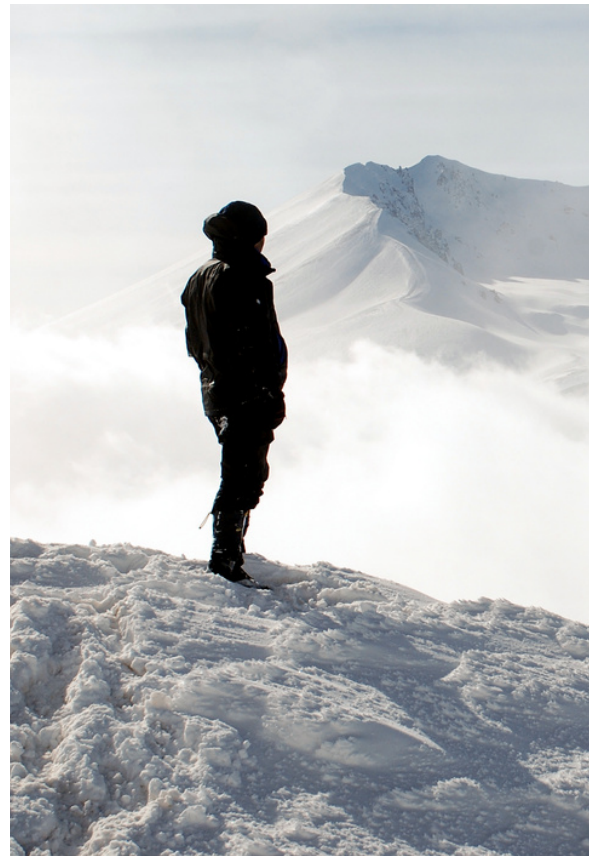
Agroecosystem, aquatic ecosystem, coral reef, desert, forest, human ecosystem, littoral zone, marine ecosystem, prairie, rainforest, savanna, steppe, taiga, tundra, urban ecosystem, and others are examples of ecosystems. Plants, animals, soil organisms, and climatic circumstances are all examples of biodiversity.



# WHAT ARE FUNCTIONS OF ECOSYSTEM?



The ecosystem serves the following purposes: It governs critical ecological processes, sustains living systems, and provides stability. It is also in charge of nutrition cycling between biotic and abiotic components. It keeps the ecosystem's various trophic levels in balance.





# WHY DO WE NEED ECOSYSTEM?

Healthy terrestrial ecosystems are critical for human well-being and survival because they supply us with needed products and services. More than 90% of our food is derived from terrestrial ecosystems, which also supply energy, construction materials, clothing, medicines, fresh and clean water, and clean air.





# HOW DOES THE ECOSYSTEM AFFECT HUMANS?

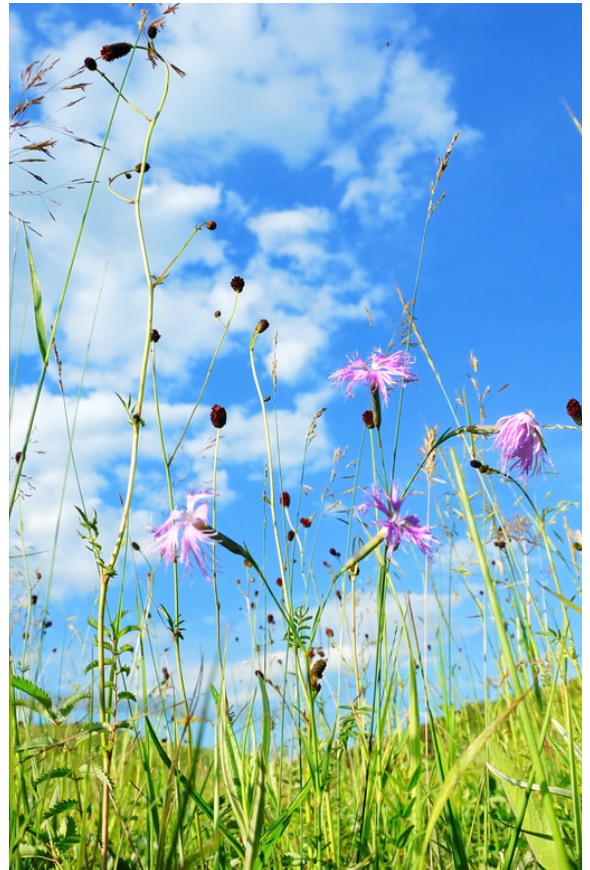
Humans are completely reliant on the Earth's ecosystems and the services they offer, such as food, clean water, disease control, climate management, spiritual satisfaction, and aesthetic pleasure. Human well-being and ecological benefits do not have a linear connection.





# WHAT ECOSYSTEM DO HUMANS LIVE IN?

Most human habitats are similar to animal environments, such as forests and grasslands, although humans and animals live in quite different types of shelters.





# WHAT ARE THE CAUSES OF DESTRUCTION OF ECOSYSTEM?

Pollution is a major source of ecological degradation. Pollution has the potential to degrade resources and push away native animal populations. Trash, carbon emissions, oil spills, and pesticides are all significant polluters.







***Thank you!***