

## Biosphere and Biodiversity

Any part of the planet Earth where organisms live is called a biosphere.

As you can see from the previous slider, a biosphere can be the ground, air, or water where life exists.

**Biodiversity** is the wide variety of life in a biosphere.



Define

**Biodiversity** refers to the number of different species that live in a region.

Coral reefs are examples of highly biodiverse areas on Earth because they are home to many different species.



## Diversity

### Genetic

### Species

### Ecosystem

variety of habitats,  
ecosystems, and  
communities

variety of genetic  
makeup within a  
species

variety of species  
in a given area

