

ECOLOGY - Section 1.5

Pests - Organisms that cause problems for humans.
 Mosquitoes, termites, caterpillars, wasps, (weeds) use herbicides
 use insecticides

Ecology - The study of how organisms interact.
 The word ecology comes from the greek word "oikos" (the place where one lives) and logos (the study of).

Ecology involves how different factors affect organisms. These factors can be BIOTIC living factors such as fish, frogs, algae in a lake ecosystem) or ABIOTIC (non-living factors such as sunlight, temperature, wind).

Population - the total # of one species in an ecosystem
 ex: # of Deer in NB in 2019.

Community - the total collection of all the different plant & animal species in an ecosystem.

Ecotones - more stable
 These are region in between different ecosystems which usually have greater biodiversity. An example would be the shoreline area between a lake and a forest ecosystem.

Ex: Shorelines or beaches, Marshes, Foothills

A ECOSYSTEM includes the community of all living and non-living things in the environment.

May 21-4:08 PM