

What is a species, habitat, population, community, ecosystem?

What is the difference between an autotroph and heterotroph?

What are consumers, detritivores, and saprotrophs?

What is a food chain? Give three examples with each having 3 linkages.

What is a food web?

What are trophic levels?

How is energy moved in the ecosystem? How much moves from level to level?

What role do detritivores and saprotrophs play in nutrient recycling?

What is the carbon cycle?

What has happened to the level of Carbon Dioxide over time?

What is the enhanced Greenhouse effect?

What is the precautionary principle?

How does the Precautionary Principle give justification for strong action posed by the Greenhouse Effect?

What is the increase in global temperature doing to the Arctic Ecosystems?

What role does natality, immigration, mortality and emigration have on populations?

What is a sigmoid growth curve? Why is there an exponential growth phase, plateau phase, and transitional phase between?

What are three factors that limit population increase?