

Water balance in ecosystem



The most important point being that the natural balance in an ecosystem is maintained. This balance may be disturbed due to the introduction of new species, the sudden death of some species, natural hazards or man-made causes. In this field trip we will explore how human population and development affects the ecological balance. Take time to explore this site as your gateway to the world of ecology. It has interesting articles and facts. There are features such as the Environmental Timeline that shows how there were different concerns about the environment throughout history.

The environmental impact of war is an interesting article on how preparation of war and warfare leads to environmental losses. The carpet bombing of the lush green forests during the Vietnam war led to the loss of habitat of many species. Special features on population and the environment show how population has increased from the industrial age and how it will affect the environment. There are additional resources for higher classes. In the name of development, we remove trees and vegetation, change how we use land, and keep expanding paved areas.

All these not only affect the soil ecology, but also the water balance.

Increased urbanization also requires more water to feed the city's population and industry, often requiring deeper and deeper wells to be drilled or water to be moved from even more distant locations. Increase of pavement area not only lessens the amount of water vapour that transpires back from the vegetation but also contributes to groundwater pollution if the salt used to melt road ice were allowed to runoff into the natural drainage system.

Visit this site for a detailed look at water as a precious resource and how human development affects water and its ecosystem. It is dedicated to Water Day. To understand how human population and increased developmental activities affect the ecosystem, there are live examples all over the world. Armenia is one such example of what is happening to the ecosystem because of increased population and developmental activities. Over the last 1, 000 years human impacts on the land have increased, mainly through deforestation and increased use of pastures.

Such problems have intensified over recent years with unprecedented population growth and urbanisation since 1920, resulting in increased human impacts not only on individual species, but also on whole ecosystems. Read the article on this site and you will consciously become aware of what unchecked industrial development and urbanization could do to your region. The fast pace of development has led to many unwanted results. Exotic species get destroyed faster than we can discover them and ancient ecosystems are getting disturbed in our scientific explorations.

Find out about amazing facts on human impact on oceans, toxins, and much more as you explore this site for environmental education on the web. It is designed primarily for kids, but the features and articles are good reading for any grade. There are also handy tips on what you can do to help protect the environment and ideas on how you can start an ecology club in your neighbourhood. Visit the resources given on the Ecology and great Links pages to know more about this science.