

ECOLOGICAL AND ENVIRONMENTAL HAZARDS

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Abstract: Ecology and Environmental biology is the branch of science concerned with plant and animal relationship and their interaction with the environment. Ecology is a multidisciplinary science which includes not only the life science, but also chemistry physics, geology, geography, metrology, climatology, hydrology, anthropology, archeology, sociology and even mathematics and statistics as well. The behaviour of an organism or biotic community in a given environment can be explained by making use of data obtained from a number of sources such as morphology, taxonomy, genetics, soil Science, Physiology, Geology etc. Many practical applications of ecology are found in agriculture, horticulture, forestry, limnology, fishery, pest control, public health, toxicology, pollution control etc. A knowledge of ecological principles helps in discovering new sources of food, unpolluting sources of energy (e.g. solar energy) and new methods of pest control. By making use of ecological principles the deserts can be converted into agricultural lands.

Keywords: Ecology, Environment, Temperature, Wind, Light

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