

Use of Biotechnology, microbiology, biology, life science in environmental studies:

New industrial and environmental biotechnology advances are helping to make manufacturing processes cleaner and more efficient by reducing toxic chemical pollution and greenhouse gas emissions.

We have new term “environmental Biotechnology”

Environmental biotechnology can simply be described as "the optimal use of nature, in the form of plants, animals, bacteria, fungi and algae, to produce renewable energy, food and nutrients in a synergistic integrated cycle of profit making processes where the waste of each process becomes the feedstock for another.

Role of biochemistry in environmental studies:

Biochemists helps determine the environmental causes of disease - information that can help policymakers eliminate or reduce risk, and potentially help doctors treat the conditions

Role of physical science in environmental studies:

Many environmental issues, such as water pollution, energy conservation, and global climate change, are deal with the physical sciences.

Physics lies at the core of the earth sciences. It is essential for understanding the deep structure of Earth and the natural phenomena that affect Earth's surface, such as earthquakes and volcanic eruptions. ... Most of the impact of humans on the environment revolves around the need for energy production.

Role of Computer science in environmental studies:

Computer science is helping to frame our understanding of climate change. ... According to a Forbes article, computer models can accurately predict an environmental future as well. All of this requires identifying pertinent data from huge fields of information, assimilating the data and making logical deductions from it.

Role of economics in environmental studies:

Environmental economists study the economics of natural resources from both sides - their extraction and use, and the waste products returned to the environment. They also study how economic incentives hurt or help the environment, and how they can be used to create sustainable policies and environmental solutions.

Role of mass communication in environmental studies:

Mass Media plays an important role for creating environment awareness among people. Environment is the basic need of life like food and water. ... Realizing our mistake we have taken commendable steps to reform it and a proper media attention might give a higher success rate to any mission related to environment.

Role of law in environmental studies:

Environmental laws not only aim to protect the environment from harm, but they also determine who can use natural resources and on what terms. Laws may regulate pollution, the use of natural resources, forest protection, mineral harvesting and animal and fish populations.