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Editorial

Editorial on Environmental Biotechnology

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EDITORIAL

Environmental biotechnology is biotechnology that is applied to and used to study the natural environment. Environmental biotechnology could also imply that one try to harness biological process for commercial uses and exploitation. Environmental biotechnologists apply biological processes to technology and create sustainable resources. ... A biologist works on converting the sustainable resources into biofuels. They also work on treating the sewage waste and converting it into manure to plants.

Environmental Biotechnology is a sub-discipline of Biotechnology that studies the natural environment using biotechnology. It is beneficial in the treatment of waste water and the prevention of pollution. Environmental biotechnology is more effective than traditional approaches at cleaning up waste. Environmental engineers use bioremediation to clean up the environment in the broadest sense. Environmental biotechnology is a body of scientific and engineering knowledge relating to the use of microorganisms and their products in the prevention of pollution by biotreatment of solid, liquid, and gaseous wastes, bioremediation of polluted environments, and environmental and treatment process biomonitoring.

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.

The following are some of the benefits of biotechnological waste treatment: biodegradation or detoxication of a wide range of hazardous substances by natural microorganisms; availability of a wide range of biotechnological methods for complete waste destruction; and diversity of biodegradation conditions. The following are some of the benefits of biotechnological waste treatment: biodegradation or detoxication of a wide range of hazardous substances by natural microorganisms; availability of a wide range of biotechnological methods for complete waste destruction; and diversity of biodegradation conditions.

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