

The Application of Biotechnology for Sustainable Future

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Abstract: *As the industrialization increase globally there is severe thread to land resources. To make our world a more suitable habitat and sustainable ecosystem for our next generation we have to make development in preexisting methods along with we have to go for natural remedy to eliminate hazardous substances from the environment in natural way. Sustainable development has been prioritized by top governments around the world. Biotechnology has taken a prominent place among the different strategies used to attain the objective of sustainability, particularly in the fields of bioremediation and food production, renewable raw materials, energy production, prevention of environmental pollution, biofuels, Biopesticides, genetically modified plants and animals, Biofertilizers, and Bioplastics. However, there are still certain technical and financial concerns to be resolved. This paper discusses biotechnology applications for a more sustainable future..*

Keywords: Biotechnology, Sustainability, Food Production, Bioremediation, Renewable Raw Materials

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