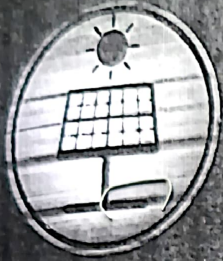




A Multidisciplinary Approach



Mrs. Anu Kandhari

Environment and Sustainable Development Goals

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Edited by

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Environment and Sustainable Development Goals

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Environmental Sustainability: Role and Challenges in India

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Abstract

The rising population has had a snowballing effect on social equity, hunger and gender inequality in developing countries like India. The boisterous lifestyle and extravagant consumption threaten the ecological balance on the Earth. Increased industrialization leads to littering of plastics, chemicals, spilling oil into the sea and threatening all marine life. Environmental problems of shortage of water, forest, fertile lands and the like are very often the cause of violent conflicts. There is urgent need to preserve nature and rescue the global goals of peace and harmony. The Government of India is constantly working to overcome these problems and to preserve the nature. Under NITI Ayog India has initiated new initiatives in renewable energy and other environment related actions. But still there is need to strengthen the means of implementation and revitalise the goals of sustainability. There is urgency for effective public, private-public and civil

society partnerships, for bringing solution to this alarming problem to all human-kind.

Key Words: Environment, Sustainability, resources, development, programmes

Introduction

The excessive energy use and industrial growth in the world leads to an upsurge not only in the economic conundrums like poverty, unemployment, inadequate infrastructure, and overcrowding of places but in environmental deterioration as well. Also the rising population has had a snowballing effect on social equity, hunger and gender inequality. The boisterous lifestyle and extravagant consumption threaten the ecological balance on the Earth. Deforestation for fuel, ships, buildings, and other economic reasons imperils the atmosphere leading to global warming and the adverse greenhouse effect. Ever-increasing CO₂ has adversely impacted the World economy, particularly the vulnerable sectors including agriculture, the coastal zones, human morality, and natural ecosystems. With the climate getting warmer and warmer, the sea level has been rising and coastal areas sinking which has posed a threat to humanity. The warmer temperature has also been harming agriculture. Climate change has been resulting in a decrease in soil moisture, an increase in the incidence of pests and diseases, and many other serious issues. Increased industrialization leads to littering of plastics, chemicals, spilling oil into the sea and threatening all marine life. As a consequence, a lot of the Marine species are already extinct or are on the verge of extinction. Humans have been responsible for major habitat changes resulting in genetic and more species diversity. The more the species living in an ecosystem the higher the productivity and the