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## 19. Sustainable Development: Concept, Issues, Challenges & Remedies

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### Introduction

Sustainable development is the organizing principle for meeting human development goals while at the same time sustaining the ability of natural systems to provide the natural resources and ecosystem services upon which the economy and society depend. The desired result is a state of society where living conditions and resource use continue to meet human needs without undermining the integrity and stability of the natural system. Sustainable development can be classified as development that meets the needs of the present without compromising the ability of future generations. In present situation, sustainable development needs for environmental protection. Sustainability must need to society for living a healthy life, the ecological stability of human settlement. The way Herman Daly formulates it, "sustainable development is continuous increase in social welfare without growing beyond the carrying capacity". Sustainable development motto of mobilization in the movement and suggest sustainability for future and today.

### Definition of Sustainable Development

"Sustainable development is a process of change in which the exploitation of resources the direction of investment the orientation of technological development and institutional change are all compatible and satisfy current human needs and aspiration without geo paradising the future potential". – (World Commission on Environmental Development)

"Sustainable development provides fairness and opportunities for all" without destroying natural resources. It is framework to pressure regenerate natural resources. People have to preserve it social forestry.

### Concept of Sustainable Development:

The concept of sustainable development has been and still is subject to criticism, including the question of what is to be sustained in sustainable development. It has been argued that there is no such thing as a sustainable use of a non-renewable resource, since any positive

rate of exploitation will eventually lead to the exhaustion of earth's finite stock. While the modern concept of sustainable development is derived mostly from the 1987 Brundtland Report, it is also rooted in earlier ideas about sustainable forest management and twentieth century environmental concerns. As the concept developed, it has shifted to focus more on economic development, social development and environmental protection for future generations. It has been suggested that "the term sustainability should be viewed as humanity's target goal of human-ecosystem equilibrium, while 'sustainable development' refers to the holistic approach and temporal processes that lead us to the end point of sustainability.

Sustainable development is a phrase, it has become concept in discipline of sociology, economics etc. for sustainable development, we have to change attitude for development. Whatever the natural resources available, we must protect, maintain what is available surrounding, national resources. We can generate or find out new alternatives. In western countries- if you cut a tree, government punish to that person some month imprisonment.

#### Characteristic of Sustainable development

1. Use of renewable resources of water.
2. It is environment friendly.
3. Importance is given to people and all lives.
4. It must be based on safe technology, not hazardous.
5. Sustainable development which will make the polluters to pay for damage.
6. Sustainable development must be participatory.
7. Sustainable development is concerned of the people.
8. Emphasis on renewable energy sources such as Solar and wind.
9. It attempt to minimize green house gases, reduce global warming and preserve environmental resources.
10. It emphasizes on green architecture and eco-friendly building practices.
11. Use of natural, biodegradable building material.
12. Protection of natural habitat.
13. Planned replacement for any resources used.
14. Non polluting construction practices and industries.

### Issues and Challenges of Sustainable development

Having highlighted the importance of sustainable development, it is also important to understand that it does need a lot of concentrated effort and, like many things in life; it does have many challenges ahead of itself. It is also important to note that sustainable development is equally valid in developing and developed countries, despite them dealing with polarity opposite sides of the spectrum. Developed countries may be developed but that doesn't necessarily imply that they are sustainable and for these countries, the main goal is to rid their society of issues such as social inequalities, waste management, and environmental responsibility.

1. Sustainable development is often not possible in war-torn countries as there are other priorities on hand.
2. Lack of financial resources to carry out and plan sustainable development.
3. Natural occurrences, such as earthquakes and tsunamis, can pose a threat to sustainability as they can shift the flow of water and destroy certain elements of infrastructure.
4. The governmental conflict between immediate profit and investment towards sustainable technologies.
5. Corruption.
6. Lack of efforts at a municipal level and rural areas.

### Solutions/suggestions

Sustainable development is not a ready-made panacea for the solution of all the problems, nor can it be expected to guarantee that long-term responsibilities with regard to distant generations which happen to have no positive impact on nearer generations are met. But it would be mistaken to reject it on grounds of inadequate environmental sensitivity, just as it should not be rejected because some of its adherents pay insufficient regard to social justice.

Sustainable development known as new social movement, nature does not discriminate people. Therefore all people should involve and participate into this movement. Like-men, women, elders, old, younger's, lower caste, higher caste etc. all people must work for environment protection and secure to natural resources.

In contemporary modern period Sustainable development needs for society. The present and future of human being is depends on sustainable development. Green revolution, industrial revolution, information and extension are the basic things for the development of any countries.

Commonly suggestions for do these activities in present society for the achievement of the goal of sustainable development.

1. Every areas must do research on the issues of environment.
2. It is necessary program for increase the level of greenery sources.
3. To enhance the protection and balance of environmental.
4. To increase the green life style.
5. Establishment of clean and hygienic environment in society.
6. Encouraging non-conventional energy sources from conventional energy sources.
7. Production and consumption increase by the way of environmental friendly.
8. To increase the use of organic agricultural production methods.
9. Environmental education to be included in school, college.
10. Environmental issues are socialization and need to humanization with a human face.
11. Learn the education for Energy consumption and save the environment.
12. Need the policies of population control and environmental protection.

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### CONTENTS OF PART - III



S. No.	Title & Author	Page No.
13	Money Instead of Food-A Perspective on the DBT Scheme in Government Tribal Hostels <b>Monali Awasarmal</b>	77-81
14	Problems of Migration and Migrants <b>Mr. Sohail Hamid</b>	82-87
15	Safe Drinking Water, Sanitation Hygiene and Water Management in India <b>Mrs. Riya Rajesh Tidke</b>	88-95
16	Social and Cultural Aspects of Drug Abuse in Adolescents <b>Mrs. Umarani</b>	96-109
17	Socio Economic Problems Faced By International Migration <b>Mrs. Jayshree Danke</b>	110-115
18	India's Grain Bowl and the Sad Story of Train No.54703 <b>Onkar Kene</b>	116-119
19 ✓	Sustainable Development: Concept, Issues, Challenges & Remedies <b>Prof. Eshwar L. Rathod</b>	120-123
20	Sustainable Development and Goods and Service Tax in India <b>Prof. Gaikwad Surendra Damodar</b>	124-126
21	Sustainable Development Goals and Social Inclusion Development <b>Prof. Mayur Balkrishna Bagul</b>	127-132
22	The Difference between Summative and Formative Assessment in English Language and Literature Teaching <b>Qudama Khamees Hammood</b>	133-139
23	Reserve Unique Name under Company Act 2013: A Critical Analysis <b>Rajat Joshi</b>	140-145
24	Analysis of Development of Science and Technology for Protection of the Environment in Thailand <b>Mr. Peranut Hakimi</b>	146-152