

Principle of sustainable development

3rd semester/paper code-302

BY:-MRS.RINKI KUMARI
DEPTT.OF EDUCATION
MMHA&PU,PATNA

Principle of sustainable development

Sustainable development means to take economic benefit which can help to raise the living standard of the present generation without affecting the need for future generation. It means to conserve resources without affecting its quantity and quality. The main aim of sustainable development is to balance among the population, various resources, various aspects of environment and development.



Some principles of sustainable development are as follows: -

1. Conservation of Ecosystem

The ultimate aim of sustainable development is to conserve the earth. It is to make the ecological system durable. Preservation of terrestrial and aquatic ecosystem is necessary for the purpose.

2. Sustainable Development of Society

Sustainability of society depends on the availability of healthy residence, balanced diet, adequate health service, employment and quality education. If these elements are developed and become available to the people in society, it becomes a sustainable society. It assists in developing their positive attitude towards nature and living beings. The society is driven towards conserving the environment.

Conti....

3. Conservation of Biodiversity

It is necessary to conserve all the living beings in the world. People should learn to conserve the natural resources in order to protect the living beings. Sustainable development focuses on it. National and international programs for the conservation of biodiversity should be conducted. There must be the coordination among the programmes.

4. Population Control

People maintain their life by utilizing the limited means and resources found on the earth. Due to population growth, human needs like food, clothing, housing etc. increases, the means and resources available in the world cannot be increased to meet the requirements. So, population control and management are essential for sustainable development. It will support the environmental balance.

Conti....

5. Conservation of Human Resource

People can play the vital role in the utilization and conservation of the environment. The knowledge and skill on caring of the earth should be developed. Human resource is to be developed by providing education, health care and training. Human resource contributes to adopt the principles of sustainable development.

6. Increase in Peoples' Participation

Sustainable development cannot be maintained personally. A joint effort of every individual is indispensable. In order to translate the concept of sustainable development into action, public participation should be increased. Therefore, positive attitudes of public should be developed in every programme of sustainable development.

Conti....

Conservation of Cultural heritage

Sustainable development has emphasized the conservation of social traditions, customs, religious places and cultural aspects of people. Diverse cultural heritage is the invaluable contribution of the society, but superstition should be avoided. To conserve the cultural heritage is our duty. Its conservation supports sustainable development.

8. Included within Carrying Capacity of Earth

Development work must be within the carrying capacity of the earth. People cannot get those entire things that they require from the earth immediately. The earth has limited resources. The limited means and resources on the earth cannot be enough for the unlimited means of people. Over-exploitation of the resources has negative effects on the environment.

United Nations and Sustainable Development

- 1983: **Brundtland Commission/Report** coined the term sustainable development
- 1992: **United Nations Commission on Sustainable Development** established to follow-up the **Earth Summit in Rio**
- 1996: CSD (**Commission on Sustainable Development**) indicators published
- 2001 and 2005: CSD indicators revised

The CSD Indicators of Sustainable Development serve as reference for countries to develop or revise national indicators of sustainable development.

Earth summit

Conference- United Nations Conference on Environment and Development (UNCED), Rio de Janeiro, 3-14 June, 1992

Principal themes- Environment and sustainable development

The message reflected the complexity of the problems facing like poverty as well as excessive consumption by affluent populations place damaging stress on the environment. Governments recognized the need to redirect international and national plans and policies to ensure that all economic decisions fully took into account any environmental impact.

And the message has produced results, making eco-efficiency a guiding principle for business and governments as given below.

- o **Patterns of production** — particularly the production of toxic components, such as lead in gasoline, or poisonous waste — are being scrutinized in a systematic manner by the UN and Governments alike;

Continue...

Alternative sources of energy are being sought to replace the use of fossil fuels which are linked to global climate change;

New reliance on public transportation systems is being emphasized in order to reduce vehicle emissions, congestion in cities and the health problems caused by polluted air and smog;

There is much greater awareness of and concern over the growing scarcity of water.