



UNIT 1

SUSTAINABLE DEVELOPMENT

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Sustainable Development



Definition

➤ **Development that meets the needs of the present without compromising the ability of future generations to meet their own needs**

-World commission on Environment and Development (Brundtland Commission)

Sustainable Development

- Organizing principle for human life on our planet.
- Utilize resources optimally and rationally.
- Sustainability is goal of sustainable development.

Objectives

- Healthy and productive life in harmony with nature
- Preservation of environment and sustainable use of natural resources
- Eradicate poverty
- Reduce disparities in standard of living
- Human rights
- Peace and security
- Preserve cultural diversity

Brundtland Report

The Term sustainable development was popularized by the World Commission on Environment and Development in its 1987 report entitled “Our Common Future.”

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Objectives of Brundtland Report

- 1) To re-examine the critical environmental and development issues and to formulate realistic proposals for dealing with them.
- 2) To propose new forms of international co-operation on these issues that will influence policies and events in the direction of needed changes.
- 3) To raise the levels of understanding and commitment to action of individuals, voluntary organizations, businesses, institutes and governments.

Our Common Future

There are Eight key issues:

- population and human resources
- industry
- Food security
- Species and ecosystems
- The urban challenge
- Managing the commons
- Energy
- Conflict and environmental degradation



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WHY



Why Sustainable Development?

There are several environmental concerns:

- Globalization and Green-house effect.
- Acid rain
- Desertification
- Ozone layer depletion
- Pollution causes 16% of all deaths globally.
- Technology in warfare-the use of chemicals and micro-organisms
- Species extinction

Contd...

- Resources are fixed
- Drastic increase in global population and increasing human needs
- Terrible circulation
- Helpful in inventing alternative resources
- Promotes reuse and recycle of resources
- Reduce dependence on non-renewable resources and use it judiciously.
- Save for future generations
- Social equity
- Balance our economic, environmental and social needs

Education for Sustainable development

- WWF-India partnership with WWF-Sweden(2007)
- In 2008 4 model schools in Sundarbans, in 2010 4 more schools in MP and Chhattisgarh, in 2013- 4 schools in Assam.
- WWF-India collaboration with CBSE and NCERT.
- Handbooks on ESD is published in English, Hindi, Assamese and Bengali.

How we arrived at ESD?

The Brundtland commission(1987) defined SD as **“a development that meets the needs of the present without compromising the ability of future generation to meet their own needs.”**

The Rio conference (1992) – agenda 21:

- world’s government.
- local government authorities.
- Important social groups.

World summit on Sustainable Development in Johannesburg (2002).

Focus on ESD (2005-2014).

The living planet report (2012).

World organizations and summits

1972:United Nations Conference on the Human environment was held in Stockholm.

1975:UNESCO sponsored conference in Belgrade.

1977: UNESCO in cooperation with UNEP held a conference in Tbilisi.

1987: Brundtland report by World Commission on Environment and Development

1994:The report, Education for sustainability

2002:United Nations Commission on sustainable development held the Johannes summit.

2005-2014:United Nations Decade for Education for Sustainable Development.

Principles

- Principle of Holistic approach
- Principle of intra-generational and inter-generational solid
- Principle of Social justice
- Principle of Sustainable Management of resources
- Principle of Integration
- Principle of utilizing local resources
- Principle of Public participation
- Principle of Social Responsibility
- Principle of Precaution and Prevention

What can be done?

- Doctrine of sustainable development must be kept in mind
- Follow precautionary principle while envisaging a project
- Adopt a green, pro-environment , scientific and energy efficient mind set
- Make use of renewable energies
- Fairer distribution of wealth and resources
- Universal education and health care
- Afforestation projects, renewed research
- Organic farming
- Promote innovative thinking among students in the form of projects, paintings
- “Hand full of rice” project, visit tribal colonies, orphanages, e-Sramadhan.

Education is a human right with immense power to transform. On it's foundation rest the corner stones of Freedom, Democracy and Sustainable Development.

-Kofi Annan

References

- Education for Sustainable Development-A source book for teachers -Manjula P Rao
- http://www.unece.org/oes/nutshell/20042005/focus_sustainable_development.html
- <http://www.iisd.org/topic/sustainable-development>
- http://www.legrand.com/EN/sustainable-development-description_12847.html

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THANK YOU

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