## Sustainable Development: Role Of Education

#### Mohammad Ali

Universitas Pendidikan Indonesia

International Conference on Educational sciences (ICES) Bandung, November 2<sup>nd</sup> - 3<sup>rd</sup>, 2017



## WHAT IS SD?



### Sustainable development

A concept of development in fulfilling the needs and improving the welfare of the people in present time, while taking into account the needs of future generation. Sustainability - initially a concept to conserve & improve environment

NATURE

June 1972 - UN Conference on Human Environment (UNCHE), in Stockholm, Sweden - 114 countries participated

Conclussions - Poverty and lower education level are the key factors causing the environment damage



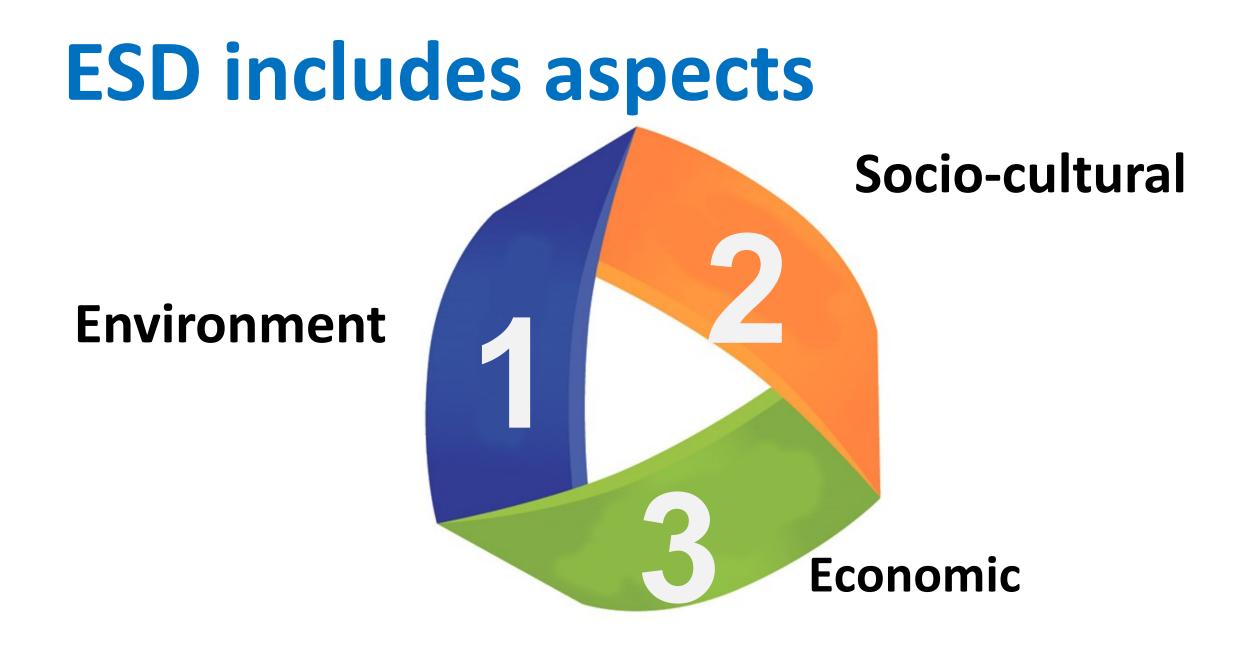
It's agreed to connect policies of development to environment conservation.

Environment problem needs strategic & long-term solution.

It needs collective agenda of the global community.

The conference Promoted UNESCO to implementation the agenda. Sustainability applied in the context of world's natural and biosphere protection

in the Brundtland 1987 **Report** – it was applied in economic, ecological, and **1980**s social aspects





#### 1992, UN Conference on Environment and Development (UNCED) in Rio de Janeiro, Brazil.

 170 countries signed the Agenda 21-> SD as a global objective, global cooperation and partnership to deal with world's ecological and social problems.

#### 2005

**UNESCO's** proclamation of

**DESD 205 -2014** 

#### 2001

July 2001, EU conference (Gothenburg, Sweden) on the future of Europe

2001

**Development should take into** account the principles of sustainability to fulfill the present generation's needs without risking the fulfillment of the future generation's needs

Education plays an important role in the implementation of SD Cultivating awareness, knowledge, skill, attitude toward SD are through education.

**INESCO** is responsible for its the GAP on ESD

This requires us to reorient education systems, policies and practices in order to empower everyone, young and old, to make decisions and act in culturally appropriate and locally relevant ways to address the problems that threaten our common future (UNESCO,2014).



#### **ESD** ->Processes which emphasize on the need for stimulating a holistic, integrated and interdisciplinary approach to developing the knowledge and skills needed for a sustainable future as well as changes in values, behaviour, and lifestyles.

## ESD is a new vision of education

A vision that helps people of all ages better understand the world in which they live, addressing the complexity and interconnected-ness of problems such as poverty, wasteful consumption, environmental degradation, urban decay, population growth, health, conflict and the violation of human rights that threaten our future (Unesco, 2014)



## **ESD** is about learning to:



- Respect value & preserve achievements of the past;
- Appreciate the wonders and peoples of the earth;
- Live in a world where all people have sufficient food for a healthy and productive life;

#### **International Agenda**





# Global Action Program (GAP) on



To mobilize education and learning in regard to accelerating progress towards sustainable development.



Reorienting education and learning so that everyone has the opportunity to acquire the values, skills and knowledge that empower them to contribute to sustainable development.



Enhancing the role of education and learning in all relevant agendas, programmes and activities that promote sustainable development.



## SD aims at

proving access to quality basic education,

- Reorienting existing education,
- Improving public understanding and awareness, and
- Providing training



#### The implementation of ESD features:

- 1. Interdisciplinary and holistic
- 2. Values-driven
- 3. Multi-method
- 4. Participatory decision-making
- 5. Applicability
- 6. Locally relevant (Unesco, 2014)



## THAK YOU