

Course Code: CE 447

Course Title: Climate change and sustainable development

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LECTURE: 03

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Lecture plan

- Millennium development goals
- MDG for Bangladesh
- Sustainable development goals

Millennium Development Goals (MDGs)

- MDG is a program aiming at reduction of the global poverty
- It aims to implement the sustainable development into global level.
- It consists of eight general goals and eighteen specific targets which are expected to be reached by 2015
- MDG was adopted by representatives of 189 countries

MDGs

(http://en.wikipedia.org/wiki/Millennium_Development_Goals)

- Goal 1: Eradicate extreme poverty and hunger
 - Target 1A: Halve, between 1990 and 2015, the proportion of people living on less than \$1.25 a day
 - Target 1B: Achieve Decent Employment for Women, Men, and Young People
 - Target 1C: Halve, between 1990 and 2015, the proportion of people who suffer from hunger

MDGs

- Goal 2: Achieve universal primary education
 - Target 2A: By 2015, all children can complete a full course of [primary schooling](#), girls and boys
- Goal 3: Promote gender equality and empower women
 - Target 3A: Eliminate gender disparity in primary and secondary education preferably by 2005, and at all levels by 2015
- Goal 4: Reduce child mortality rates
 - Target 4A: Reduce by two-thirds, between 1990 and 2015, the under-five mortality rate

MDGs

Goal 5: Improve maternal health

- Target 5A: Reduce by three quarters, between 1990 and 2015, the [maternal mortality](#) ratio

Goal 6: Combat HIV/AIDS, malaria, and other diseases

- Target 6A: Have halted by 2015 and begun to reverse the spread of [HIV/AIDS](#)
- Target 6B: Achieve, by 2010, universal access to treatment for HIV/AIDS for all those who need it
- Target 6C: Have halted by 2015 and begun to reverse the incidence of [malaria](#) and other major diseases

MDGs

- Goal 7: Ensure environmental sustainability
 - Target 7A: Integrate the principles of sustainable development into country policies and programs; reverse loss of environmental resources
 - Target 7B: Reduce biodiversity loss, achieving, by 2010, a significant reduction in the rate of loss
 - Halve, by 2015, the proportion of the population without sustainable access to safe drinking water and basic sanitation
 - Target 7D: By 2020, to have achieved a significant improvement in the lives of at least 100 million slum-dwellers

MDGs

- Goal 8: Develop a global partnership for development
 - Target 8A: Develop further an open, rule-based, predictable, non-discriminatory trading and financial system
 - Target 8B: Address the Special Needs of the [Least Developed Countries](#) (LDCs)
 - Target 8C: Address the special needs of landlocked developing countries and small island developing States
 - Target 8D: Deal comprehensively with the debt problems of developing countries through national and international measures in order to make debt sustainable in the long term
 - Target 8E: In co-operation with pharmaceutical companies, provide access to affordable, essential drugs in developing countries
 - Target 8F: In co-operation with the private sector, make available the benefits of new technologies, especially [information and communications](#)

MDG

- Where is Bangladesh now?
 - Achievements
 - Reducing extreme poverty
 - Curbing prevalence of underweight children under 5 yrs
 - Bringing down under 5 child mortality
 - Raising enrolment in primary schools
 - Increased ratio of girls to boys in primary and secondary education
 - Improved maternal health
 - Lagging behind
 - Creating jobs
 - Preserving ecology
 - Ensuring nutrition
 - Income inequality

Sustainable Development Goals (SDGs)

- SDGs is called **Global Goals**, and **Agenda 2030** are an inter-governmentally agreed set of targets relating to [international development](#).
- SDG aims ending [poverty](#) and [hunger](#), improving [health](#) and [education](#), making cities more sustainable, combating [climate change](#), and protecting oceans and forests.

Sustainable Development Goals (SDGs): 17 Goals, 169 Targets

- **Goal 1:** End poverty in all its forms everywhere
- **Goal 2:** End hunger, achieve food security and improved nutrition, and promote sustainable agriculture
- **Goal 3:** Ensure healthy lives and promote well-being for all at all ages
- **Goal 4:** Ensure inclusive and equitable quality education and promote life-long learning opportunities for all
- **Goal 5:** Achieve gender equality and empower all women and girls
- **Goal 6:** Ensure availability and sustainable management of water and sanitation for all
- **Goal 7:** Ensure access to affordable, reliable, sustainable, and modern energy for all
- **Goal 8:** Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

SDGs

- **Goal 9:** Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation
- **Goal 10:** Reduce inequality within and among countries
- **Goal 11:** Make cities and human settlements inclusive, safe, resilient and sustainable
- **Goal 12:** Ensure sustainable consumption and production patterns
- **Goal 13:** Take urgent action to combat climate change and its impacts
- **Goal 14:** Conserve and sustainably use the oceans, seas and marine resources for sustainable development
- **Goal 15:** Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss
- **Goal 16:** Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels
- **Goal 17:** Strengthen the means of implementation and revitalize the global partnership for sustainable development

Sustainable Development Goals (SDGs): 17 Goals, 169 Targets

- ❑ The first 16 goals address priority areas that:
 - ✓ Increase the ambition/ improving and sustaining current achievements on existing MDG goals (poverty, health education, gender) with added dimensions on
 - ✓ Economic sustainability (inclusive growth, jobs, infrastructure, industrialization)
 - ✓ Environmental sustainability (climate change, oceans and land based ecosystems, sustainable consumption and production)
 - ✓ All held together by the glue of 'peaceful and inclusive societies for sustainable development' (governance agenda, rule of law, violence).
- ❑ The 17th goal covers means of implementation (finance, trade, technology, capacity building, partnerships, and data)

SDGs

- **Environmental issues are strongly represented-** climate change, marine and land base ecosystems, and sustainable consumption and production
- **Governance - for the first time** – incorporating a goal and targets on ***governance and peaceful societies*** (legal identity, tackling corruption and bribery etc)
- **Participatory/Inclusiveness Process in formulation of the SDGs-** The participation and buy in of a wide range of stakeholders including member states and non governmental organizations
- The broad nature of the **SDG** is also a reflection of the nature of challenges facing the world today