



ENVIRONMENT AND GLOBAL WARMING IN CURRENT SCENARIO

Miss.Pallavi D.Ingole

Assistant Professor, Dept.of Sociology, Shri Vasantrao Naik College Dharani, Distt. Amrawati, Maharashtra

INTRODUCTION

Global warming is the observed century scale rise in the average temperature of the earth climate system and its related effects as part of climate change. It is very dangerous phenomenon present in human life. The term global warming and climate change are used interchangeably; a 2008 NASA article defines global warming as "The increase in Earth's average temperature due to rising levels of greenhouse gases and climate change as a long-term change in global warming.

The largest human influence has been the emission of greenhouse gases such as carbon dioxide, methane and nitrous oxide. Climate model projections summarized in the report indicated that during the 21st century.

CAUSES OF GLOBAL WARMING

1) Greenhouse gases :-

- (i) The greenhouse effect is the process by which absorption and emission of infrared radiation by gases in planet's atmosphere warm its lower atmosphere and surface.
- (ii) On Earth, an atmosphere containing naturally occurring accounts of greenhouse gases causes air temperature near the surface to be warmer by about 33°C (59°F) than would be in their absence.
- (iii) Fossil fuel burning has produced about three quarters of the increase in CO₂ from human activity over past 20 years. The rest of this increase is caused mostly by changes in land-use, particularly deforestation.
- (iv) Human activity since Industrial revolution is also responsible.

Major Gases responsible for Greenhouse Gases are CO₂, CO, Methane and CFC's which also lead to ozone layer depletion this is majorly caused by develop of countries.

Global carbon dioxide emission by developed countries like USA, China are mainly concern to global warming. Developing countries like India also have contributed towards CO₂ emission.

EFFECTS OF GLOBAL WARMING

- The weather patterns are rapidly changing in all parts of the world.
- Climate changes cause health problems, animal migrations and the lack of food resources.
- Extreme heat and draughts in diverse regions of the planet have become dangerous to human health.
- Effect of climate change due to global warming can be devastating and dangerous.
- People can face severe crop failures and life stock shortages that will cause civil unrest, food riots, famines and political Instability.
- The sea level rise accelerates 0⁰12 inches per year in average worldwide.
- The trend will be continued if gas emissions.
- Melting Glaciers endanger human life on the coastal areas it can because of landslides and other land collapse.
- The life of people gets ruined and due to poverty, the people face a large number of problems.
- Ways to cope up/overcome the effects of global warming and greenhouse gases.
- People especially those who can afford they can use hybrid cars. It reduces the greenhouse gas emission significantly.

GLOBAL CHALLENGES IN FRONT OF HUMANITY

There are many challenges which India faces in today's developing world. People like farmers, workers, carpenters etc are left behind in this developing world. Only the educated persons are



getting over rich and the uneducated are getting poorer. The global challenges that we face today are not the issue of a single nation, like the issue of climate change, over use of plastic, overpopulation, etc. one single nation cannot solve these issues. We have to unite in this world and collaborate to solve these big issues.

- 1) Developed and developing countries
- 2) Poverty
- 3) Over population
- 4) Veto power
- 5) Misuse of technology
- 6) Climate change
- 7) Religious conflicts
- 8) Income discrimination

The world is a very diverse place which has thousands of species of flora and fauna. Among them human race is the most advanced with own intellectuals.

Famous Scientist Charles Darwin said that 'survival of the fittest', i.e., in the world, the competition of living in the world, the most fittest species will survive and for this elimination test we have to appear in such hard exams given by nature and that is Global Challenges. Darwin said that very essence of instinct is followed independently of reason. This quote is the essence of our survival in the world. There are many Types of 'global challenges'

TYPES

Economic, religious, human and moral based mainly global challenges are in the world.

- 1) Religious inequality
- 2) Gender and interracial inequality
- 3) Lack of education
- 4) Global warming
- 5) Environmental contamination
- 6) Poverty and world financial crisis
- 7) Corruption
- 8) Wars etc.

ENVIRONMENT, POVERTY AND ECONOMICAL CRISIS

Poverty is situation in which people's basic needs for food, clothing and shelter are not being met. According to survey, Uganda is the poorest country in the world. Haiti, Tanzania also becoming poor day by day. Along with this, several economic crises hit the world many times.

There is a good saying that 'environmental pollution in an incurable disease, it can only be prevented'. Due to massive deforestation the supplies of oxygen which cause for high level of carbon other pollutants. The industrial sewage is also causing massive water pollution. This sewage contains harmful chemicals like mineral acids, lead,

cadmium etc which mixed with water and causing harm to creatures living in the water.

Especially due to air pollution many greenhouse gases like carbon dioxide, methane, CFC is being mixed with air. These gases resist the heat to get out of the atmosphere. As a result, the temperature of the world is increasing day by day. Since 1979, the average temperature has increased twice as far as global average ocean temperature is concern. The temperature increase so much that the ice caps started melting. As the sea water level is increasing, the crop production is also decreasing. So, truly speaking that 'global warming is not the prediction, it is happening in the world.

Segregation between developed and developing countries is continuously occurring in the world. It is the processes by which businesses and other organization develop international influence and start operating on an international scale. In 2000, the International Monetary Fund (IMF) identified basic aspects of globalization viz trade and transaction, capital and investment movement and migration and movement of people.

The developed countries have many multinational companies which have quality product than the local products. Therefore, people in developing and under developing countries prefer to buy products of multinational companies. This leads to destruction of local industries which leads to unemployment and poverty. Therefore the gap between the developed and undeveloped countries.

Today there is an extreme competition to increase the military power in the world which cause for rising the conflict on various issues in the world. It is the change in the weather patterns when that change lasts for an extended period of time.

HARMFUL EFFECTS OF CLIMATE CHANGE

- Temperature
- Glaciers
- Sea-Level Changes

**“Since then there would
Be a time when there will be a world without
BOUNDARIES.....”**

ENVIRONMENT AND SWACCH BHARAT ABHIYAN

The Swacch Bharat Abhiyan is an initiative started by the Government of India which aims to clean India. It has its roots in the Sarvodaya ideology of father of India, Mohandas Karamchand Gandhi, lovingly known as Gandhiji or Bapu.

Gandhiji believed that every person on the face of Indian soil should be self sufficient and this is possible only when our hearts and minds are properly oriented towards development.



Keeping this great vision in his mind our prime minister, Mr. Narendra Modi launched the 'Swacch Bharat Abhiyan' on the eve of Gandhiji's Birth Anniversary, i.e. 2nd October, 2014. The conception of 'Swacch Bharat' includes the cleaning of society by the upper and lower class included which will not only bring the society closer but be a tool to break chains of classism. This movement is characterized by people carrying sweeps in their hands, cleaning the society, gutters, swamps, etc. Eradication of diseases like malaria, caused by mosquitoes, which are prevalent in India due to cleanliness. Finding a solution to problems like floods caused by blocking gutters. Bringing and inculcating into society good manners and making them aware about their responsibility towards the society.

CHARACTERISTICS

1. Swacch (Clean) :- Gandhiji and Acharya Vinoba Bhave used this word to refer to the state of our mind and heart. They stressed that we should have a 'clean' conscience.
2. Bharat (India,) :- Our country in South – Eastern – Central Asia; more than being a country, Gandhiji thought that Bharat should be our life and our way of living.
3. Derogatory Activities: - Those activities which render our society unclean, giving rise to odor, dirtiness, four environments in our society are called derogatory activities.
4. Sarvodaya :- The rise of everybody in the society, rendering equal opportunities to everyone promoting equality in society is called.

This idea was birthed by M.K. Gandhiji and carried forward by Acharya Vinoba Bhave.

Before 2014, India's image in the foreign was of being a very shabby country, with people littering and harming India's beautiful image and cultural heritage. Diseases like malaria, dengue, etc. were very rampant all over India. Upon closer survey, it was found that uncleanliness caused unhygienic conditions and caused these diseases producing vectors like malaria. Many important surveys all over the world ranked India to one of the Shabbiest places on the face of the earth which was a source of constant shame to us.

Mismanagement of cleanliness funds by the Municipal Corps and the coal governments led to widespread shabbiness and reduced confidence of people on the government. Irregular waste and garbage collection, ineffective waste disposal in landfills, etc. was prevalent in India, which was one of the main reasons for the requirement of a single biggest movement for cleanliness. Many NGOs and other groups for following our glorious freedom fighters policies like Sarvodaya and thoughts of

Vinoba Bhave. Irresponsibility amongst the urban population had risen to a very high level, as capitalist views were setting in. A boom in population had occurred and the population management policies existent were not up to the mark. There was a lot of expansion in the slum areas in rural as well as Urban India, thus, leading to too much of waste generation & since slums do not have responsible garbage collection system, a lot of unhygienic conditions were present. Globalization had led many packaged products to reach rural areas also are present near the rural areas only. This factor led to requirement of a cleanliness drive in even the rural sectors.

Hence, on 2nd Oct, 2014 Govt. of India launched the clean India initiative leading India to a path envisioned by the father of our nation, M.K. Gandhi.

i) **CLEAN INDIA**

Today, we seen that most of Indian streets, roadsides, etc. are clean, at least, cleanest of our lifetime cleaner streets in India have changed peoples and the world's view of India.

ii) **EMPLOYMENT GENERATION**

Employees of Government of India in the form of Swacchata Karmacharis have increased and gives Indian irregulars an opportunity for earning something, rather than sitting idle.

iii) **LESSER SPREAD OF DISEASES**

Due to cleanliness, there has been a decline in the amount of people falling sick per capita. Although, total eradication has not happened, the diseases are definitely lesser in member.

iv) **GREATER RESPONSIBILITY AMONGST PEOPLE**

Today, everyone thinks before littering the streets, spitting on streets etc. This is only because of a feeling of responsibility on the shoulders of peoples shoulders.

v) **INCREASING SUPPORT FOR CLEANERS AND SWEEPERS**

Many NGO's and Governmental bodies have come up in support of cleaners and sweepers are getting status in society.

CONCLUSION

Global challenges cannot be dealt with a single country. All nations have to collaborate and work to overcome these global problems. Globalization was grown due to advances in technology and transportation with increased global interactions comes growth of ideas international trade and culture. It describes the way countries and people of the world interact and integrate. The process by which businesses or the organizations develop international influence or start operating on an



international scale. It is a process of interaction and integration between people companies and governments worldwide which need to use for development of human being.

Swachh Bharat is the biggest cleaning campaign in the world which motive to cleaning whole country. Promotion is helpful to and play an important role in making people contribute towards an event. One of the Major contributors of Swachh Bharat Abhiyan is to prepare healthy India. Plastic, packaging material thermacoal etc are major contributors towards garbage and waste. Strict action should taken against people throwing this items in public place is must. Promoting degradable plastic should be given priority. Setting limit on packaging material used on each product according to its dimension fragility. There is a need to increasing number of dustbins in public places. Dustbin locator is an import thing to find nearby dustbins. Imposing strict laws and taking action against industries violating laws related to disposal.

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