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GLOBAL WARMING AND IT'S EFFECTS ON SOCIAL LIFE

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ABSTRACT

Global warming is the observed century –scale rise in the average temperature of the earth climate system and it's related effects as part of climate change.

Many of the observed changes since 1950 are unprecedented in the instrumental temperature record and in Pale climate Proxy records of climate change over thousands to millions years. It is very dangerous phenomenon present in human life.

KEYWORDS: *Global warming, Climate change, transportation, communication, technology.*

INTRODUCTION

Global warming is the observed century – scale rise in the average temperature of the earth climate system and it's related effects as part of climate change.

Many of the observed changes since 1950 are unprecedented in the instrumental temperature record and in Pale climate Proxy records of climate change over thousands to millions years. 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 Earths average swef ace temperature due to rising levels of green house gases’ and climate change as a long term change in global warming.

It is the process of interaction and integration between people, companies and government world wide.

1. Globalization has grown due to advances in transportation and communication technology.
2. Increased global interactions has led to the growth of international trade, ideal and culture of traditions.
3. Globalization is primarily an economic process of interaction and integration that's associated with social and cultural aspects.

HISTORY OF MODERN GLOBALIZATION

1. During the 19th century, globalization approached its form as a direct result of Industrial Revolution.

2. Industrialization allowed standardized production of household items using economics of scale, while rapid population growth created a sustained demand for basic essential commodities.
3. In the 19th century, steam ships reduced the cost of international transport and railroads made inland transportation cheaper.
4. Since the 1970's, Aviation has increasingly become affordable to middle classes in developed countries. Open skies policies and low-cost carriers have helped to bring competition in market.
5. In the 1990's the growth of low-cost communication networks cut the cost of communicating between different countries.

CAUSES OF GLOBAL WARMING

1) Green house Gases :-

- (i) The green house effect is the process by which absorption and emission of infrared radiation by gases in planet's atmosphere warm it's 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 Green house 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.

- 1) It is clear from above pie diagram that developed countries like USA, China contribute largely.
- 2) Developing countries like India also have contributed towards CO₂ emission.

Negative Impacts of Globalization On Environment

1. In countries such as India, globalization has contributed to the increase in damage of the environment due to establishment of various industries .

2. It has brought about air and water pollution in various countries.
3. Human resources have been exploited by multinational firms in various under developed and developed countries.
4. Foreign investors have no regard for the natural resources in those countries where they have invested and continue to use these resources inefficiently.
5. The entrance of overseas giants have caused the closure of various local companies as they don't have enough access to resources.
6. It has led to the increase in consumption of fuel which is responsible for rise in pollution level.
7. Transportation has also put a strain on non-renewable sources of energy such as gasoline.
8. It has led to depletion of the ozone layer. The gases that are emitted from the aircrafts such as methane CFC's etc. have led to the depletion of ozone layer, apart from increasing the greehhouse effect.
9. The industrial waste that is generated as a result of production has been laden on the ships and dumped in the oceans. This has killed many underwater organisms.
10. It has led to soil pollution. Due to globalization and industrialization various chemicals have been thrown in to the soil which have resulted to the damage of plants by interfering in their genetic makeup.

CONCLUSION

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 divesting 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 accelerate 0^o12 inches per year in average world wide. The trend will be continued if gas emissions. The Global warming increases the acidity sea water because of the increase of level of se a wath. The ocean is 26% more acidic before the industrial. Melting Glaciers endanger human life on the coastal areas it can cause land slides and other land collapse. The life of people gets rained and due to poverty the people face a large number of problems. Ways to cope up/overcome the effects of Global Warming and Green house gases.

People especially those who can afford they can use hybrid cars. It reduces the green house gas emission significantly.

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