

CLIMATE CHANGE : CAUSES AND CONSEQUENCES. Date _____

Outline

1. Introduction

2. Decoding climate crises

2.1 Historical context

2.2 Recent trends in global warming.

2.3 Climate vs weather.

3. Major Causes of Climate change.

3.1 - Greenhouse gases.

3.1.1 - massive consumption of fossil fuels.

3.1.2 - Industrial emissions

3.1.3 - Chlorofluorocarbons (CFC) damaging ozone layer.

3.2 - Rapid deforestation.

3.2.1 - Unchecked residential societies.

3.2.2 - Uneven urbanization.

3.2.3 - concrete jungles rather ^{than} sustainable breathable human societies.

3.3 - Hazardous agricultural practices.

3.3.1 - Use of synthetic fertilizers.

3.3.2 - Burning of crops causing smog

3.3.3 - Monoculture farming which needs more synthetic fertilizers and reduces biodiversity also.

4. Consequences of climate change.

4.1 Environmental problems.

- 4.1.1 - Rapid melting of glaciers.
- 4.1.2 - Droughts followed by floods.
- 4.1.3 - perpetual rise in temperature of the globe.
- 4.1.4 - longer and more intense summers - higher temperature leading to more melting of glaciers ~ A VICIOUS CYCLE.

4.2 Social Evils

- 4.2.1 - climate migration.
- 4.2.2 - poverty & unemployment.
- 4.2.3 - lack of fulfilment of basic human rights (ie clean water)
- 4.2.4 - Famine

4.3 Economic Implications

- 4.3.1 - loss of infrastructure.
- 4.3.2 - loss of agricultural land ~~due to increased~~ ^{due to increased} ~~salinity~~ ^{salinity}.
- 4.3.3 - Food insecurity - ^{more} serious problem for highly populated countries.
- 4.3.4 - low agricultural production due to water shortage.

4.4 Negative impacts on health.

4.4.1: Continuous increase in respiratory diseases.

4.4.2: mental health ~~degradation~~ deterioration.

4.4.3: poor nourishment & increase in hunger

4.4.4: Ozone depletion leading to increased rate of skin cancers.

5. Need of the hour

~~or~~ ~~satisfactions~~

5.1 - possible solutions - More responsibility on developed countries.

5.2. Role of international bodies.

5.3 - Allocation of funds to fight climate challenge.

6. Conclusion.

{ Introduction Paragraph }

While addressing the UN climate summit 2014, The former president of The United States of America ^{Barack} ~~and~~ Obama said "We are the first generation to feel the effects of climate change and the last generation who can do something about it."

Climate change has not happened in a day or in years but it's due to the practices that we ~~are~~ ^{have been} carrying out since a very long time without caring for the world we are living in likewise humans can not undo the damages they have caused to this planet in one day or in short period of time. To keep this world a inhabitable place for ourselves and for generations to come we must act collectively, swiftly and right now. There's no single cause of climate change but there is none ignorable; Among the major causes of climate deterioration are emission of greenhouse gases, Rapid deforestation and hazardous agricultural practices. All these with other causes of climate change posing serious threats to ^{not only} the survival of human beings on earth but to any possible life whatsoever; The major consequences of climate crises are: Environmental problems, disintegration of social fabric, economical losses along with food insecurity and massive problems to human health; so before it gets too late, humans should treat climate change as an emergency.