

ESSAY LECTURE #2

Assignment #2

Date _____ 20__

Brainstorm

Causes

- Agricultural Practices
- Fossil-fuel dependence
- Vehicle Emissions
- Deforestation

Impacts

- Agricultural Stress
- Biodiversity loss
- Increasing heat waves
- Intensified floods

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Outline

1. Introduction

1.1 Hook

1.2 Background Info

1.3 Thesis Statement: There are several causes of climate change in Pakistan, some important of them are agricultural practices, fossil fuel dependence, vehicle emissions and deforestation. The impacts of climate change includes agricultural stress, biodiversity loss, increasing heat waves and intensified floods.

2. Main Body

A) Causes of climate change in Pakistan

2.1 Agricultural Practices

2.1.1 Inefficient Irrigation

2.1.2 Pesticide use

2.1.3 Poor Soil management

2.1.4 overgrazing

2.2 Fossil fuel dependence

2.2.1 Oil consumption

2.2.2 Natural Gas Usage

2.2.3 Lack of renewable Energy

2.2.4 Inefficient energy Infrastructure

2.3 Vehicle Emissions

2.3.1 Increase of vehicle population

2.3.2 Use of low quality fuel

2.3.3 Inefficient public transport

2.3.4 Traffic congestion

2.4 Deforestation

2.4.1 Urbanization

2.4.2 Fuelwood consumption

2.4.3 Population pressure

2.4.4 Agricultural Expansion.

B) Impacts of Climate Change on Pakistan.

2.1 Agricultural Stress

2.1.1 Reduced crop yields

2.1.2 Soil degradation

2.1.3 Shift in growing seasons

2.1.4 Food security threats.

2.2 Biodiversity loss

2.2.1 Habitat destruction

2.2.2 Species extinction

2.2.3 Migration of Species

2.2.4 Coral reef decline

2.3 Increase in heat waves

2.3.1 Health risks

2.3.2 increasing energy demands

2.3.3 Agricultural damage

2.3.4 Impact on wildlife.

2.4 Intensified floods.

2.4.1 Infra structure damage

2.4.2 Displacements of communities

2.4.3 waterborne diseases

2.4.4 Agricultural losses.

INTRODUCTORY PARAGRAPH

Former U.S. President Obama says, "We are the first generation to feel the impact of climate change, and the last generation that can do something about it". Climate change involves gradual alterations in global temperatures and weather patterns over extended periods. Although such changes have historically happened naturally, they have accelerated in recent years, largely influenced by human actions. There are several causes of climate change in Pakistan, some important are of them are agricultural practices, fossil fuel dependence, vehicle emissions and deforestation.

The impacts of climate change on Pakistan includes agricultural stress, biodiversity loss, increasing heatwaves and intensified floods.